

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:30:04 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:34 AM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Hi Dan,

Anything sent to or received from OMB? I thought there were a few questions we were going to respond to.

Thanks.  
Ann

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to

them? I know there was an internal deadline.

Thanks.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:28:56 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:35 AM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 3:43 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

If there were, I have lost track of them. Did you have something from the August 3 briefing? Thanks.

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**Subject:** Status

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:28:21 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:35 AM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:44 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

I'll look back, but I thought there was something about clarifying when NRC requirements kick in.

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 3:43 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

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**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Subject:** RE: Status

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**From:** Johnson, Ann

**Sent:** Tuesday, August 23, 2016 2:12 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** Status

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Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Discuss CDX option for Subpart W compliance reporting  
**Date:** Tuesday, January 03, 2017 12:28:09 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:36 AM  
**To:** Collections.SubW  
**Subject:** FW: Discuss CDX option for Subpart W compliance reporting

-----Original Appointment-----

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, September 06, 2016 12:57 PM  
**To:** Shogren, Angela  
**Subject:** Accepted: Discuss CDX option for Subpart W compliance reporting  
**When:** Tuesday, September 06, 2016 3:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1-866-299-3188 code 2023439761

I plan to go to an OMB meeting on Subpart W at 2. It is only scheduled for 30 minutes, so I will try to be back by 3. Start without me if necessary. Thanks.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**Date:** Tuesday, January 03, 2017 12:27:48 PM  
**Attachments:** [E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants \(NESHAP\) Subpart W Standards for Radon Emissions From Operating Uranium Mill Tailings Review.msg](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:36 AM  
**To:** Collections.SubW  
**Subject:** FW: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review



**From:** [Echols, Mabel E. EOP/OMB](#)  
**To:** [Mancini, Dominic J. EOP/OMB](#); [Laity, Jim A. EOP/OMB](#); [Szabo, Aaron L. EOP/OMB](#); [Thomas, Amanda L. EOP/OMB](#); [Burgess, Scott H. EOP/OMB](#); [Mulligan, James S. EOP/OMB](#); [Hickey, Mike J. EOP/OMB](#); [Gilljohann, Catherine M. EOP/CEQ](#); [Ceronosky, Megan M. EOP/WHO](#); [Vahlsing, Candace M. EOP/WHO](#); [Hansel, Peter M. EOP/CEQ](#); [Duke, Rick D. EOP/WHO](#); [McConville, Drew J. EOP/CEQ](#); [Mallory, Brenda EOP/CEQ](#); [Bruce, D. Rodan@ostp.eop.gov](#); [Carney, Matt B. EOP/OMB](#); [Jain, Varun M. EOP/OMB](#); [Ekechi, Chinyere O. EOP/CEQ](#); [Laciak, Arthur EOP/OMB \(Intern\)](#); [Olmstead, Sheila M. EOP/CEA](#); [Weber, Paige E. EOP/CEA](#); [Edwards, Jonathan](#); [Werner, Jacqueline](#); [Perrin, Alan](#); [Peake, Tom](#); [Seidman, Emily](#); [Schultheisz, Daniel](#); [Johnson, Ann](#)  
**Subject:** E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

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This meeting was requested by David Frydenlund, Energy Fuels Resources (USA), Inc.  
Call-in: 202-395-6392; code 3862485.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**Date:** Tuesday, January 03, 2017 12:27:22 PM  
**Attachments:** [E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants \(NESHAP\) Subpart W Standards for Radon Emissions From Operating Uranium Mill Tailings Review.msg](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:36 AM  
**To:** Collections.SubW  
**Subject:** FW: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

**From:** [Echols, Mabel E. EOP/OMB](#)  
**To:** [Mancini, Dominic J. EOP/OMB](#); [Laity, Jim A. EOP/OMB](#); [Szabo, Aaron L. EOP/OMB](#); [Thomas, Amanda L. EOP/OMB](#); [Burgess, Scott H. EOP/OMB](#); [Mulligan, James S. EOP/OMB](#); [Hickey, Mike J. EOP/OMB](#); [Gilljohann, Catherine M. EOP/CEQ](#); [Ceronosky, Megan M. EOP/WHO](#); [Vahlsing, Candace M. EOP/WHO](#); [Hansel, Peter M. EOP/CEQ](#); [Duke, Rick D. EOP/WHO](#); [McConville, Drew J. EOP/CEQ](#); [Mallory, Brenda EOP/CEQ](#); [Bruce, D. Rodan@ostp.eop.gov](#); [Carney, Matt B. EOP/OMB](#); [Jain, Varun M. EOP/OMB](#); [Ekechi, Chinyere O. EOP/CEQ](#); [Laciak, Arthur EOP/OMB \(Intern\)](#); [Olmstead, Sheila M. EOP/CEA](#); [Weber, Paige E. EOP/CEA](#); [Edwards, Jonathan](#); [Werner, Jacqueline](#); [Perrin, Alan](#); [Peake, Tom](#); [Seidman, Emily](#); [Schultheisz, Daniel](#); [Johnson, Ann](#)  
**Subject:** E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

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This meeting was requested by Katie Sweeney, NMA.  
Call-in: 202-395-6392; code 3862485.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Further Submissions -- Docket ID NO. EPA-HQ-OAR-2008-0218 -- Subpart W Rulemaking  
**Date:** Tuesday, January 03, 2017 12:25:41 PM  
**Attachments:** [image001.png](#)  
[Lr to Jon Edwards EPA 8.18.16.pdf](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:37 AM  
**To:** Collections.SubW  
**Subject:** FW: Further Submissions -- Docket ID NO. EPA-HQ-OAR-2008-0218 -- Subpart W Rulemaking

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**From:** Schultheisz, Daniel  
**Sent:** Friday, September 09, 2016 3:15 PM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** FW: Further Submissions -- Docket ID NO. EPA-HQ-OAR-2008-0218 -- Subpart W Rulemaking

Tony:

Can you see that this letter is placed in the docket? Thanks.

---

**From:** Edwards, Jonathan  
**Sent:** Sunday, August 21, 2016 8:34 PM  
**To:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Further Submissions -- Docket ID NO. EPA-HQ-OAR-2008-0218 -- Subpart W Rulemaking

FYI--- Please make sure this letter gets in the docket. Thanks--Jon

---

**From:** David Frydenlund [<mailto:DFrydenlund@energyfuels.com>]  
**Sent:** Thursday, August 18, 2016 7:07 PM  
**To:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Subject:** Further Submissions -- Docket ID NO. EPA-HQ-OAR-2008-0218 -- Subpart W Rulemaking

Mr. Edwards,

Attached is Energy Fuels response to submissions made by the Ute Mountain Ute Tribe regarding radon emissions from evaporation ponds at the White Mesa uranium mill.

Please let me know if you have any questions or require any further information.



---

David Frydenlund

*Sr. V.P. Gen. Counsel / Corp Sec.*

t: 303.389.4130 | c: 303.808.6648 | f: 303.389.4125  
225 Union Blvd., Suite 600  
Lakewood, CO 80228

<http://www.energyfuels.com>

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August 18, 2016

Mr. Jon Edwards  
Director, Radiation Protection Division  
Environmental Protection Agency  
1200 Pennsylvania Ave. NW  
Room 507, 1310 L St., MC – 6608J  
Washington, DC 20460

**Re: Docket ID NO. EPA-HQ-OAR-2008-0218**

- **Further Comments on Proposed Revisions to 40 CFR Part 61-Subpart W, National Emission Standards for Radon Emissions From Operating Uranium Mill Tailings.**
- **Response to Calculation Brief: Radon Emissions from Evaporative Ponds White Mesa Uranium Mill Dated July 07, 2014 and Supplement to Calculation Brief dated February 10, 2015, prepared by the Ute Mountain Ute Tribe**

Dear Mr. Edwards,

This letter summarizes Energy Fuels Resources (USA) Inc.'s ("EFRI's") response to the following submissions made by the Ute Mountain Ute Tribe (the "Tribe") to the United States Environmental Protection Agency ("EPA") in connection with the proposed revisions to 40 CFR Part 61-Subpart W, National Emission Standards for Radon Emissions From Operating Uranium Mill Tailings:

- *Calculation Brief, Radon Emissions from Evaporative Ponds White Mesa Uranium Mill* dated July 07, 2014, prepared by Mike King, and submitted to EPA on July 9, 2014 (the "Initial Calculation Brief"); and
- *Supplement to Calculation Brief (July 7, 2014)*, dated February 10, 2015, prepared by the Tribe (the "Supplement" and together with the Initial Calculation Brief, the "Calculation Brief").

**1) Introduction and Summary**

In its Calculation Brief, the Tribe attempted to estimate radon emissions from evaporation ponds at EFRI's White Mesa uranium mill (the "Mill"). The Tribe based its analysis on a mis-application of a model prepared by S. Cohen & Associates ("SCA") in 2010<sup>1</sup> for the EPA (the "SCA Model"), which purports to estimate radon emissions from evaporation ponds, based on the radium 226 concentration in the solutions and average wind speed over the surface of the evaporation pond.

The SCA Model appears to have been developed based primarily on the characteristics of fluid retention ponds at In Situ Recovery ("ISR") facilities. As discussed below, without making any determination as to whether the SCA Model may or may not be appropriate for estimating radon emissions from fluid

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<sup>1</sup> *Risk Assessment Revision for 40 CFR Part 61 Subpart W – Radon Emissions from Operating Mill Tailings; Task 5 – Radon Emission from Evaporation Ponds*, Prepared by: S. Cohen & Associates, dated November 9, 2010.

retention impoundments at ISR facilities, we believe it likely is not applicable for estimating radon emissions from conventional uranium mill evaporation ponds. This is because the specific gravity and viscosity of the solutions at conventional uranium mills are different from water and we believe are different from the specific gravity and viscosity of solutions in the fluid retention impoundments at ISR facilities.

However, even assuming the SCA Model is appropriate for conventional mill evaporation ponds it has been mis-applied by the Tribe and others.

## **2) Application of the SCA Model Based on Historic and Industry Estimates of Radium 226 Concentrations in Mill Evaporation Ponds**

The SCA Model is as follows:

$$J = (1.48 \times 10^{-4} / e^{-0.351V}) C_w$$

Where            J = Radon flux in pCi/m<sup>2</sup> - sec  
                      C<sub>w</sub> = Concentration of radium in water in pCi/l  
                      V = Wind speed in m/sec

SCA has applied this model to the evaporation ponds at the Mill, assuming an average wind speed based on data from the Mill's meteorological station, and has concluded that for each 1 pCi/l of radium 226 in the evaporation pond solutions at the Mill, the radon flux would be 0.0070 pCi/m<sup>2</sup> - sec.

The Mill is not required to monitor for radium 226 in its evaporation pond solutions. Therefore, radium 226 data for the Mill was not available to SCA in 2010 to be input into the SCA Model at that time.

However, the radium 226 concentration in tailings solutions at the Mill was estimated by Dames & Moore in 1978 to be 230 pCi/l, based on bench scale analysis. This data was reflected in the 1979 Final Environmental Statement (the "FES") for the Mill, prepared by the US Nuclear Regulatory Commission ("NRC"). This is consistent with the estimate of radium 226 concentrations for the model uranium mill, as set out in NRC's September 1980 Final Generic Environmental Impact Statement on uranium milling (the "GEIS") of 250 pCi/l.

Applying the estimated radium 226 concentration of 230 pCi/l in the FES into the SCA Model would result in an estimated radon flux of 1.61 pCi/m<sup>2</sup> - sec. This low estimated radon flux is consistent with EPA's conclusion that radon emissions from saturated tailings are only approximately 2% of emissions from dry tailings, and adding one meter of water would result in a negligible reduction (Fed. Reg. Vol. 79, No. 85, Friday, May 2, 2014, page 25398). In its October 1984 "*Final Rule for Radon-222 Emissions from Licensed Uranium Mill Tailings: Response to Comments*" EPA concluded:

"Recent technical assessments of radon emission rates from tailings indicate that radon emissions from tailings covered with less than one meter of water, or merely saturated with water, are about 2% of emissions from dry tailings. Tailings covered with more than one meter of water are estimated to have a zero emissions rate. The Agency believes this calculated difference between 0% and 2% is negligible. The Agency used an emission rate of zero for all tailings covered with water or saturated with water in estimating radon emissions."

As discussed below, we believe that even this very low radon flux rate of  $1.61 \text{ pCi/m}^2 - \text{sec}$  is likely to be an overestimation of the radon flux, due to the likely inapplicability of the SCA Model to conventional uranium mill evaporation ponds.

### 3) Mis-Application of SCA Model by the Tribe

The Tribe and others have mis-applied the SCA Model to the Mill's evaporation ponds. In the absence of radium 226 data for inclusion into the model, the Tribe and others have inappropriately substituted gross alpha data measured under EPA Method 900.1 as if it were equivalent to radium 226 data. That is not the case, for two reasons. First, that method does not purport to measure radium 226 only. Rather, it is a method utilized to measure all radium isotopes, not just radium 226, for screening purposes. Secondly, and more importantly, the method utilizes barium sulfate precipitation, which under low pH conditions, such as those found in the Mill's evaporation ponds, also includes interference from (that is, includes in the reported result) alpha from primarily thorium 230 as well as other radionuclides, and in fact is dominated by alpha from thorium 230, which does not decay to radon.

The MARLAP (Multi-Agency Radiological Laboratory Analytical Protocols) Manual Page 14-87 states: "Precipitation of thorium with barium sulfate is possible from strongly acidic solutions containing high concentrations of alkali metal sulfates; however this co-precipitation is nonspecific. Other actinides, lead, strontium, rare earths, bismuth, scandium (Sc), and yttrium will also carry."

Thorium 230 is a daughter of natural uranium and is prevalent in the Mill's tailings solutions. Radium 226 is also a daughter of natural uranium and is found at the same activity level in uranium ores. However, due to the high concentrations of sulfates in the solutions in the Mill's evaporation ponds, radium 226 tends to precipitate into a solid form and to fall out of the solutions, with the result that the alpha activity in the Mill's tailings solutions is dominated by alpha from thorium 230.

The Tribe notes that the gross alpha activity in the Mill's evaporation ponds, as measured under EPA Method 900.1, has increased recently, citing 331,000 pCi/L in Cell 1 in 2014. Inserting that gross alpha measurement into the SCA Model, as if it represented radium 226, would result in an estimated radon flux from Cell 1 of  $2,317 \text{ pCi/m}^2 - \text{sec}$ , based on SCA's assumptions<sup>2</sup>. This radon flux, if accurate, would be over two orders of magnitude higher than the standard of  $20 \text{ pCi/m}^2 - \text{sec}$ , averaged over the entire impoundment area. This nonsensical result would also be almost two orders of magnitude higher than the radon flux from the exposed tailings sands portions of the Mill's tailings impoundments, which typically range from 50 to 90  $\text{pCi/m}^2 - \text{sec}$ , and represent the highest radon flux area from the Mill's tailings impoundments.

The fact is that, for the reasons discussed above, almost all of the 331,000 pCi/l of gross alpha from Cell 1 was from thorium 230, which does not decay to radon, and not from radium 226.

### 4) Actual Measured Radium 226 Concentrations

To verify that the gross alpha measured using EPA Method 900.1 is dominated by alpha from thorium 230, and to measure the actual radium 226 concentrations in the Mill's tailings solutions, the Mill performed the following:

#### (a) Resampling of the 2014 Cell 1 Sample for Radium 226

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<sup>2</sup> In the Supplement, the Tribe calculates this number to be  $1,257.4 \text{ pCi/m}^2 - \text{sec}$ , based, apparently, on different wind-speed assumptions than those used by SCA.



The Mill's independent lab performed an alpha spec analysis on the 2014 sample that generated the 331,000 pCi/l of gross alpha from Cell 1. Although the sample left over was 2 days out of hold (182 days vs the required hold time of 180 days), the Company considers it to be representative.

The results from the foregoing sampling were:

<b>Radionuclide</b>	<b>Concentration (pCi/l)</b>
Thorium-228	1.00
Thorium-230	606,000
Thorium-232	1,170
Uranium-233/234	62,800
Uranium-235/236	2,580
Uranium-238	63,200
Radium-226	422

It can be seen that the vast majority of the alpha activity in the sample comes from thorium 230, which interfered with the gross alpha results measured under EPA Method 900.1.

*(b) Sampling of all Solutions on May 28, 2015 and August 4, 2015*

The Mill also voluntarily sampled the solutions in cells 1, 3, 4A and 4B, the solutions in the slimes drain in cell 2 and the solutions in the leak detection systems in cells 4A and 4B during two different sampling events on May 28, 2015 and August 4, 2015. The results from that sampling are set out in Appendix A hereto. The full results of the sampling, including the laboratory reports, are included in the Company's 2015 Annual Tailings System Wastewater Monitoring Report, Groundwater Quality Discharge Permit UGW370004 White Mesa Uranium Mill, which was filed with the State of Utah Division of Waste Management and Radiation Control on November 24, 2015. Please let me know if you would like a copy of that Report.

As can be seen from Appendix A, the radium 226 content of the samples estimated by the lab ranged between non-detect and 1,110 pCi/l for all samples, with an average of 361.41 pCi/l. This measured concentration is consistent with the resample of the 2014 measurement for cell 1 of 422 pCi/l and the estimates from the bench scale analysis in the FES and the estimates in the GEIS of 230 and 250 pCi/l, respectively. It can also be seen that the vast majority of the alpha activity in the samples comes from thorium 230, which interfered with the gross alpha results measured under EPA Method 900.1.

This concentration of radium 226 of 361.41 pCi/l, when input into the SCA Model would result in an estimated radon flux of approximately 2.53 pCi/m<sup>2</sup> – sec, using SCA's assumptions. However, as discussed below, we believe that even this low estimate of radon flux from Cell 1 overstates the actual radon flux from the cell by a considerable margin.

**5) In-appropriateness of SCA Model for Mill Evaporation Ponds**

Due to the process chemistry used at the Mill, which utilizes a sulfuric acid leach and which leaches into solution virtually all metals in the ore, and other chemicals, the viscosity and specific gravity of conventional mill tailings solutions are higher than water. We believe they are also higher than solutions typically found in fluid retention ponds at ISR facilities, which utilize different chemistry to leach uranium from underground ore deposits. For example, for sulfate solutions which are as concentrated as

Cell 1 tailings, the specific gravity may be as much as 1.2 times the specific gravity of water or ISR pond solutions (or higher depending on the levels of metal and other dissolved ionic solutes (metals and anions as are present in Cell 1). The viscosity of Cell 1 solutions may be as much as 5 times greater than the viscosity of water or ISR pond solutions (5 centipoise or more as compared to 1 centipoise for water) or even greater depending on the levels of metal and other dissolved ionic solutes (metals and anions as are present in Cell 1 solutions).

In order to test this assumption, we had Mill personnel photograph the evaporation ponds during each daily tailings inspection in February 2015. As expected, the surfaces of the evaporation ponds rarely exhibited any rippling, and in fact were mirror-like in most cases. Although we have not performed any more detailed analysis than inspection of those photographs, we attribute this lack of wind impact on the solutions in the evaporation ponds to one or both of the following causes: a) the wind data, which was taken at the Mill's meteorological station, some distance from and at a different elevation than the surface of the Mill's evaporation ponds (which are somewhat below grade), is not representative of the wind over the surface of the evaporation ponds; and/or b) the viscosity and specific gravity of the tailings solutions are such that, for any given wind speed at the surface of the solutions, the solutions exhibit less of a rippling effect than assumed by SCA when they developed and applied the SCA Model. To the extent the wind speed at the surface of the Mill's evaporation ponds is less than would be indicated by the data from the Mill's meteorological station, EPA's estimate of  $0.0070 \text{ pCi/m}^2 - \text{sec}$  for each  $1 \text{ pCi/l}$  of radium 226 in the solutions, would be overstated. To the extent b) is applicable, we do not believe that the SCA Model is appropriate for estimating radon flux from conventional mill evaporation ponds. A new model would have to be developed that is based on the specific gravity and viscosity of Mill evaporative solutions, rather than ISR evaporative solutions.

## 6) Conclusions

In the Calculation Brief, the Tribe mis-applies the SCA Model, by using gross alpha data as a proxy for radium 226 data. However, due to the nature of the tailings solutions and the use of EPA Method 900.1, the gross alpha data are dominated by alpha from thorium 230, not radium 226, and are therefore not a proxy for radium 226. Actual measurements of radium 226 from the ponds are much, much lower and are consistent with the estimates of radium 226 concentrations in tailings solutions contained in the FES and GEIS.

Applying the actual measured radium 226 concentrations into the SCA model, yields very low radon flux estimates. However, the SCA Model itself appears to have been developed based primarily on evaporative solutions from ISR facilities, which likely have different specific gravity and viscosity characteristics than Mill evaporative solutions. This would tend to overstate radon flux from Mill solutions. Further, the lack of wind data at the surface of the Mill's evaporation ponds likely further results in the Tribe's and SCA's application of the SCA Model overstating radon flux at the Mill's evaporation ponds.

The foregoing analysis supports EPA's 1984 conclusion that radon flux from solutions in Mill evaporation ponds are negligible, and that the expected flux from such ponds is much lower than the regulatory standard of  $20 \text{ pCi/m}^2 - \text{sec}$  applicable to operating tailings impoundments and to tailings impoundments that have been finally closed<sup>3</sup>. Mill evaporation ponds are therefore safe, and do not pose a risk to health that would require regulation under Subpart W<sup>4</sup>.

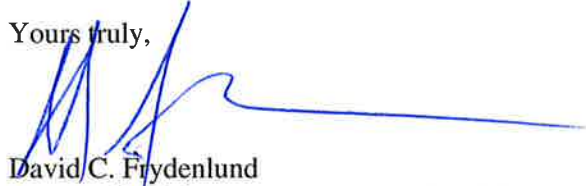
---

<sup>3</sup> See also the laboratory research funded by the National Mining Association, *Experimental Determination of Radon Fluxes over Water* (<http://www.nrc.gov/materials/uranium-recovery/public-meetings/ur-workshops/paulson->

Letter to Mr. Jon Edwards  
August 18, 2016  
Page 6

Please let me know if you have any questions or require any further information.

Yours truly,



David C. Frydenlund  
Sr. Vice President, General Counsel and Corporate Secretary  
Energy Fuels Resources (USA) Inc.

cc: John Tappert, US Nuclear Regulatory Commission  
Andrea Kock, US Nuclear Regulatory Commission  
William von Till, US Nuclear Regulatory Commission  
Jay Morris, Utah Division of Air Quality  
Phil Goble, Utah Division of Waste Management and Radiation Control  
Harold R. Roberts, Energy Fuels Resources (USA) Inc.  
Katie Sweeney, National Mining Association  
Scott Clow, Ute Mountain Ute Tribe

---

[presentation.pdf](#)), which concludes that radon 222 fluxes from water surfaces even in the case of high radium 226 activities are minimal and are within the range and variability of natural background.

<sup>4</sup> See *Natural Resources Defense Council, Inc. v. U.S. EPA*, 824 F.2d 1146.

**Appendix A  
2015 Additional Analyses  
Cell Radiological Characteristics**

Location	Cell 1 8/4/2015	Cell 1 5/28/15	Cell 2 8/4/2015	Cell 3 8/4/2015	Cell 3 5/28/2015	Cell 4A 8/4/2015	Cell 4A 5/28/2015	Cell 4A LDS 8/4/2015	Cell 4A LDS 5/28/2015	Cell 4B 8/4/2015	Cell 4B 5/28/2015	Cell 4B LDS 8/4/2015	Cell 4B LDS 5/28/2015	Cell 65 (Duplicate of 4B LDS 8/4/2015)	Cell 65 (Duplicate of 4A 5/28/2015)
<b>Radiologies (pCi/L)</b>															
Thorium-228	1310	204	ND	ND	798	ND	327	ND	ND	ND	122	ND	334	ND	265
Thorium-230	991000	782000	6680	123000	131000	374000	405000	25300	25300	410000	346000	452000	487000	436000	315000
Thorium-232	6150	6730	ND	1640	1290	3490	3440	ND	ND	2210	3790	3660	5430	4000	3790
Radium-226	1110	829	36.6	448	202	663	ND	19.3	19.3	611	544	161	55.2	125	772
Uranium-233/234	141000	96700	11300	184000	557000	57500	61200	9380	9380	63500	65000	62600	63500	62600	58600
Uranium-235/236	8920	5980	858	10300	37900	3720	4030	504	504	3710	3870	3890	3900	2680	3020
Uranium-238	140000	100000	10500	191000	591000	64400	62700	10800	10800	67000	66100	60900	65500	61300	58300
<b>Physical Properties</b>															
Kinematic Viscosity (cst)	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10	NS	<10	NS
Specific Gravity	1.21	1.13	1.09	1.21	1.29	1.11	1.07	1.07	NS	1.12	1.08	1.12	NS	1.12	NS

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 12:25:24 PM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:37 AM  
**To:** Collections.SubW  
**Subject:** FW: News?

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:13 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** News?

Hi Dan,

Have you heard anything from OMB yet?

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 12:24:52 PM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:37 AM  
**To:** Collections.SubW  
**Subject:** FW: News?

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, September 12, 2016 11:07 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: News?

No. I asked after the Earthworks meeting last Tuesday, and the response was that we should look for comments by the end of last week.

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**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:13 AM  
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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 12:24:35 PM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:37 AM  
**To:** Collections.SubW  
**Subject:** FW: News?

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**Sent:** Monday, September 12, 2016 11:13 AM  
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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Internal reg and non-reg schedule through January  
**Date:** Monday, January 09, 2017 7:13:36 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:37 AM  
**To:** Collections.SubW  
**Subject:** FW: Internal reg and non-reg schedule through January

---

**From:** Cyran, Carissa  
**Sent:** Wednesday, September 07, 2016 5:22 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Cc:** White, Rick <[White.Rick@epa.gov](mailto:White.Rick@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Internal reg and non-reg schedule through January

Thank you Alan! See you tomorrow morning.

---

**From:** Perrin, Alan  
**Sent:** Wednesday, September 07, 2016 4:22 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** White, Rick <[White.Rick@epa.gov](mailto:White.Rick@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Internal reg and non-reg schedule through January  
**Importance:** High

Carissa,

ORIA only has changes to page 2 (October, November) of the attached file (covering each of the 3 ORIA entries). I've highlighted cells with new or modified text (using strikethrough for deletions) in **bright yellow**. Please let me know if you have any questions.

BTW, very much appreciate your assistance on this and with the ADP tracker, especially with Ray Lee out of the office.

Regards, Alan

~~~~~  
Alan Perrin, Deputy Director  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---



**From:** Cyran, Carissa

**Sent:** Wednesday, September 07, 2016 12:29 PM

**To:** White, Rick <[White.Rick@epa.gov](mailto:White.Rick@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Scoville, Pat <[Scoville.Pat@epa.gov](mailto:Scoville.Pat@epa.gov)>; Hengst, Benjamin <[Hengst.Benjamin@epa.gov](mailto:Hengst.Benjamin@epa.gov)>; Sutton, Tia <[sutton.tia@epa.gov](mailto:sutton.tia@epa.gov)>; Perez, Idalia <[Perez.Idalia@epa.gov](mailto:Perez.Idalia@epa.gov)>; Wortman, Eric <[Wortman.Eric@epa.gov](mailto:Wortman.Eric@epa.gov)>

**Subject:** FW: Internal reg and non-reg schedule through January

Hello,

Just a reminder to send me your program office's action items by COB today. This along with the ADP tracker will be discussed at tomorrow's pre-brief with ODs. Thank you.

---

**From:** Cyran, Carissa

**Sent:** Tuesday, August 30, 2016 7:08 PM

**To:** South, Peter <[South.Peter@epa.gov](mailto:South.Peter@epa.gov)>; Henigin, Mary <[Henigin.Mary@epa.gov](mailto:Henigin.Mary@epa.gov)>; Sutton, Tia <[sutton.tia@epa.gov](mailto:sutton.tia@epa.gov)>; Burch, Julia <[Burch.Julia@epa.gov](mailto:Burch.Julia@epa.gov)>; Krieger, Jackie <[Krieger.Jackie@epa.gov](mailto:Krieger.Jackie@epa.gov)>; VonDemHagen, Rebecca <[VonDemHagen.Rebecca@epa.gov](mailto:VonDemHagen.Rebecca@epa.gov)>; Wortman, Eric <[Wortman.Eric@epa.gov](mailto:Wortman.Eric@epa.gov)>; Perez, Idalia <[Perez.Idalia@epa.gov](mailto:Perez.Idalia@epa.gov)>

**Cc:** Stewart, Lori <[Stewart.Lori@epa.gov](mailto:Stewart.Lori@epa.gov)>; Lewis, Josh <[Lewis.Josh@epa.gov](mailto:Lewis.Josh@epa.gov)>

**Subject:** Internal reg and non-reg schedule through January

Hello,

Yesterday we sat down with Janet and Joe to discuss the remaining rules through this Administration. For planning purposes, they would like to see the rules and non-regulatory items (i.e. Regional Haze actions, Point of Obligation for RFS, Light Duty Vehicle actions, NODAs) that we expect each month. They would also like to know when advances will be sent to the IO for review.

I've revised the weekly ADP tracker so actions are separated by month rather than office/region. I've also added a "Priority" column that Janet would like each office fill in with high, medium, or low in reference to workload. Janet would like to discuss this piece at the pre-brief for the OMB meeting next week so please send me your edits by COB Tuesday, September 6<sup>th</sup>.

I know you all are currently updating ADP for the upcoming OMB meeting and I apologize for any duplication. Please let me know what I can do to help in any way and/or if you have any questions.

Thank you,

Carissa

**From:** [Schultheisz, Daniel](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Automatic reply: Initial Briefing for OMB on Subpart W  
**Date:** Tuesday, January 03, 2017 12:23:45 PM

---

I am out of the office until January 9. I will return your email upon my return to the office.

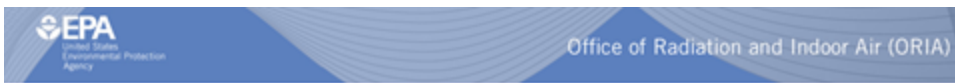
**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:23:20 PM  
**Attachments:** [pastedImage.png](#)  
**Importance:** High

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:38 AM  
**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

---

**From:** Griffin, Chris  
**Sent:** Tuesday, September 13, 2016 2:47 PM  
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Importance:** High



## ORIA - Tribal Radiation Efforts

### **NESHAPS Subpart W rulemaking process (40 CFR 61, subpart W):**

-Consulted with the Ute Mountain Ute Tribe in FY14 and FY 2015. We held follow up meetings with Ute Mountain Ute and other interested tribes, as requested, following publication of the final rule in 2015.

-Finalized the Revision to National Emission Standard for Hazardous Air Pollutants (NESHAP) for radon emissions for operating mill tailings

-Subpart W is now at OMB (since July 28)

---

Chris Griffin

Federal Tribal IAQ Collaboration Workgroup - Lead

National Tribal IAQ Program Manager

US EPA - Indoor Environments Division

1301 Constitution Avenue, NW

Washington, DC 20004

202.343.9421  direct office

301.646.3152  direct cell

[griffin.chris@epa.gov](mailto:griffin.chris@epa.gov)

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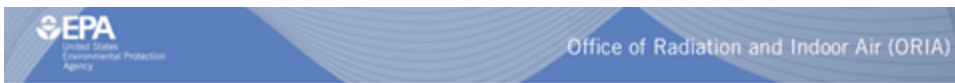
**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:23:03 PM  
**Attachments:** [pastedImage.png](#)  
**Importance:** High

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:38 AM  
**To:** Collections.SubW  
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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
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## ORIA - Tribal Radiation Efforts

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:22:47 PM  
**Attachments:** [image001.png](#)

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:38 AM  
**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

**From:** Rosencrantz, Ingrid  
**Sent:** Tuesday, September 13, 2016 3:02 PM  
**To:** Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>; Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

Not sure if you are interested, but we also held public hearings where Tribal members and representatives spoke on 40 CFR Part 192. That was back in the spring of 2015. We are still working on the rule and expect to get it to OMB before the end of September.

Ingrid Rosencrantz  
Senior Physical Scientist  
Radiation Protection Division  
Office of Radiation and Indoor Air  
Office of Air and Radiation  
202-579-5157

**From:** Griffin, Chris  
**Sent:** Tuesday, September 13, 2016 2:47 PM  
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
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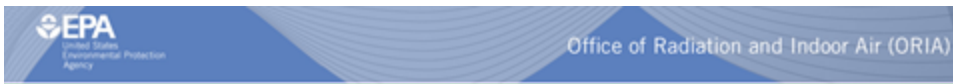
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**Date:** Tuesday, January 03, 2017 12:22:28 PM  
**Attachments:** [image001.png](#)  
[pastedImage.png](#)

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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Re: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?



## ORIA - Tribal Radiation Efforts

### Update on 40 CFR 192 - "Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings,"

- Conducted informational webinars and presentations on proposal.
  - Sent letters to tribes to explain the proposed rulemaking and inviting tribes to consult on the proposal. No requests to consult were received.
  - Presented National Tribal Air Association conference calls with numerous tribes in attendance.
  - Held 4 public hearings. At the Chadron, NE hearing in May 2015, significant attendance from the Sioux Tribe: 4 members testified, including the Oglala Sioux Natural Resource Regulatory Agency.
  - Undergoing Final Agency review. Slated to have it to OMB by the end of September.
-


Chris Griffin  
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National Tribal IAQ Program Manager  
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[griffin.chris@epa.gov](mailto:griffin.chris@epa.gov)  
Opt-in [here](#) to receive email updates on IAQ.

---

---

**From:** Rosencrantz, Ingrid  
**Sent:** Tuesday, September 13, 2016 3:01 PM  
**To:** Griffin, Chris; Childers, Pat  
**Cc:** Schultheisz, Daniel  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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Senior Physical Scientist  
Radiation Protection Division  
Office of Radiation and Indoor Air  
Office of Air and Radiation  
202-579-5157 

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**Sent:** Tuesday, September 13, 2016 2:47 PM  
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
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301.646.3152   direct cell

[griffin.chris@epa.gov](mailto:griffin.chris@epa.gov)

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---

**From:** [Shogren, Angela](#)  
**To:** [Collections.SubW](#)  
**Cc:** [Thornton, Marisa](#)  
**Subject:** RE: Did you send out the reminder about the stakeholder call? (eom)  
**Date:** Tuesday, January 03, 2017 12:22:03 PM

---

No – Was I supposed to?

**Angela Shogren** | Public Affairs Specialist | U.S. Environmental Protection Agency | Tel 202 343 9761 | [shogren.angela@epa.gov](mailto:shogren.angela@epa.gov)

---

**From:** Thornton, Marisa **On Behalf Of** Collections.SubW  
**Sent:** Tuesday, January 03, 2017 12:17 PM  
**To:** Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
**Subject:** Fw: Did you send out the reminder about the stakeholder call? (eom)

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Did you send out the reminder about the stakeholder call? (eom)

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 29, 2016 4:37 PM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** RE: Did you send out the reminder about the stakeholder call? (eom)

I thought perhaps you went to the NAS, but I guess you are doing Northern Lights.

If you have more urgent matters to attend to, we don't need to get it out today. Even early next week will do. Thanks.

---

**From:** Nesky, Anthony  
**Sent:** Thursday, September 29, 2016 4:34 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Did you send out the reminder about the stakeholder call? (eom)

I just got in from an all-day exercise. I'll buzz the message by you.

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597

[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

---

**From:** Schultheisz, Daniel

**Sent:** Thursday, September 29, 2016 4:13 PM

**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>

**Subject:** Did you send out the reminder about the stakeholder call? (eom)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:21:58 PM  
**Attachments:** [image001.png](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:38 AM  
**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, September 13, 2016 3:36 PM  
**To:** Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>; Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**From:** Griffin, Chris  
**Sent:** Tuesday, September 13, 2016 2:47 PM  
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Importance:** High

## ORIA - Tribal Radiation Efforts

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-Subpart W is now at OMB (since July 28)

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Chris Griffin

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National Tribal IAQ Program Manager

US EPA - Indoor Environments Division

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301.646.3152  direct cell

[griffin.chris@epa.gov](mailto:griffin.chris@epa.gov)

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---

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W BID/EIA  
**Date:** Tuesday, January 03, 2017 12:21:42 PM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:40 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W BID/EIA

---

**From:** Griffiths, Charles  
**Sent:** Tuesday, September 20, 2016 12:25 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Subpart W BID/EIA

Thanks, Dan

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, September 20, 2016 11:54 AM  
**To:** Griffiths, Charles <[Griffiths.Charles@epa.gov](mailto:Griffiths.Charles@epa.gov)>  
**Subject:** Subpart W BID/EIA

Charles:

As we discussed, attached is the latest version of the background document. Please let me know if you need anything else. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:21:28 PM  
**Attachments:** [image001.png](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:41 AM  
**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?



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**Sent:** Thursday, September 22, 2016 11:16 AM  
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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**From:** Schultheisz, Daniel

**Sent:** Tuesday, September 13, 2016 3:35 PM

**To:** Griffin, Chris; Childers, Pat

**Cc:** Rosencrantz, Ingrid

**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>

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**Date:** Tuesday, January 03, 2017 12:21:11 PM  
**Attachments:** [image001.png](#)

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**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**From:** Childers, Pat  
**Sent:** Thursday, September 22, 2016 11:26 AM  
**To:** Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Sschultheisz.Daniel@epa.gov)>  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**Background:** OAR is working on several efforts of interest to Tribes. To protect human health and the environment from issues associated with uranium milling, EPA has initiated two rulemakings. The Ute Mountain Ute requested consultation on both rulemakings and was the only tribe to do so. On July 27, 2015, EPA received a letter from the Ute Mountain Ute requesting initial and follow-up consultations on the 40 CFR Part 61, Subpart W (NESHAP for Uranium Mill Tailings) and 40 CFR Part 192, Subpart F (Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings) proposed rulemakings.

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**Sent:** Thursday, September 22, 2016 11:16 AM

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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

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**Sent:** Tuesday, September 13, 2016 3:35 PM

**To:** Griffin, Chris; Childers, Pat

**Cc:** Rosencrantz, Ingrid

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**Sent:** Tuesday, September 13, 2016 2:47 PM

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**Sent:** Tuesday, October 4, 2016 9:42 AM  
**To:** Collections.SubW  
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**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Cc:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
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**Sent:** Thursday, September 22, 2016 11:16 AM

**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>

**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

Pat:

Maybe you didn't see Dan's modified response to the slide that I originally sent.. Please read below for clarification. EOM

---

Chris Griffin

Federal Tribal IAQ Collaboration Workgroup - Lead

National Tribal IAQ Program Manager

US EPA - Indoor Environments Division

1301 Constitution Avenue, NW

Washington, DC 20004

202.343.9421   direct office

301.646.3152   direct cell

[griffin.chris@epa.gov](mailto:griffin.chris@epa.gov)

Opt-in [here](#) to receive email updates on IAQ.

---

---

**From:** Schultheisz, Daniel

**Sent:** Tuesday, September 13, 2016 3:35 PM

**To:** Griffin, Chris; Childers, Pat

**Cc:** Rosencrantz, Ingrid

**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**From:** Griffin, Chris

**Sent:** Tuesday, September 13, 2016 2:47 PM

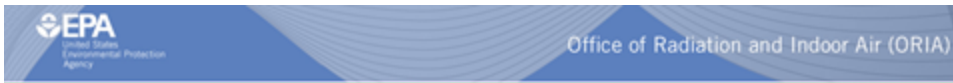
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>

**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>

**Subject:** UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the

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**Importance:** High



## ORIA - Tribal Radiation Efforts

### **NESHAPS Subpart W rulemaking process (40 CFR 61, subpart W):**

-Consulted with the Ute Mountain Ute Tribe in FY14 and FY 2015. We held follow up meetings with Ute Mountain Ute and other interested tribes, as requested, following publication of the final rule in 2015.

-Finalized the Revision to National Emission Standard for Hazardous Air Pollutants (NESHAP) for radon emissions for operating mill tailings

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:20:36 PM  
**Attachments:** [image001.png](#)

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:42 AM  
**To:** Collections.SubW  
**Subject:** FW: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**From:** Childers, Pat  
**Sent:** Thursday, September 22, 2016 11:45 AM  
**To:** Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

Thank you all, sorry for the miscommunication on my part.

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**From:** Griffin, Chris  
**Sent:** Thursday, September 22, 2016 11:38 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Cc:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Importance:** High



Dan/Ingrid:

I'd greatly appreciate if you could pull something together in a format in response to Pat's request for Janet McCabe's TPs for the White House Nation's Conference next week....specifically regarding the Ute Mountain Ute related ruling and any others that might be significant.

I'd think he'd like it be COB today or early Friday morning for Janet's briefing book.

Thanks in advance,

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**From:** Childers, Pat  
**Sent:** Thursday, September 22, 2016 11:26 AM  
**To:** Griffin, Chris  
**Cc:** Schultheisz, Daniel  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

I did see it and I saw something from Ingrid as well on another rulemaking. I was hoping someone has updated the slide or a one pager in the below format creating a single document that has the latest update on radiation issues that the tribes/whitehouse may be interested in? Any chance of getting something like that?

***Uranium Milling Rulemakings***

**Who may bring up the issue:** Ute Mountain Ute Tribe

**Background:** OAR is working on several efforts of interest to Tribes. To protect human health and the environment from issues associated with uranium milling, EPA has initiated two rulemakings. The Ute Mountain Ute requested consultation on both rulemakings and was the only tribe to do so. On July 27, 2015, EPA received a letter from the Ute Mountain Ute requesting initial and follow-up consultations on the 40 CFR Part 61, Subpart W (NESHAP for Uranium Mill Tailings) and 40 CFR Part 192, Subpart F (Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings) proposed rulemakings.

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**From:** Griffin, Chris



**Sent:** Thursday, September 22, 2016 11:16 AM

**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>

**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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Maybe you didn't see Dan's modified response to the slide that I originally sent.. Please read below for clarification. EOM

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**From:** Schultheisz, Daniel

**Sent:** Tuesday, September 13, 2016 3:35 PM

**To:** Griffin, Chris; Childers, Pat

**Cc:** Rosencrantz, Ingrid

**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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---

**From:** Griffin, Chris

**Sent:** Tuesday, September 13, 2016 2:47 PM

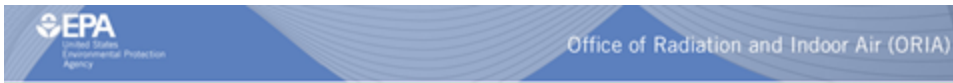
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>

**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>

**Subject:** UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the

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**Importance:** High



## ORIA - Tribal Radiation Efforts







### **NESHAPS Subpart W rulemaking process (40 CFR 61, subpart W):**

-Consulted with the Ute Mountain Ute Tribe in FY14 and FY 2015. We held follow up meetings with Ute Mountain Ute and other interested tribes, as requested, following publication of the final rule in 2015.

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**To:** [Thornton, Marisa](#)  
**Subject:** Fw: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?  
**Date:** Tuesday, January 03, 2017 12:20:17 PM  
**Attachments:** [image001.png](#)

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**From:** Schultheisz, Daniel  
**Sent:** Friday, September 23, 2016 8:27 AM  
**To:** Childers, Pat <[Childers.Pat@epa.gov](mailto:Childers.Pat@epa.gov)>; Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

Pat:

The blurb you provided captures the most recent developments on the two rulemakings related to tribal issues. We have not had any additional correspondence with the UMUT. The only other thing that might be added is the status: Subpart W went to OMB at the end of July, and we anticipate 40 CFR part 192 going to OMB by the end of September.

Does this give you what you need, or is there something else that would be helpful? Thanks.

Dan

---

**From:** Childers, Pat  
**Sent:** Thursday, September 22, 2016 11:45 AM  
**To:** Griffin, Chris <[Griffin.Chris@epa.gov](mailto:Griffin.Chris@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
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**Sent:** Thursday, September 22, 2016 11:26 AM  
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**Cc:** Schultheisz, Daniel  
**Subject:** RE: UPDATE FOR THE WHITE HOUSE TRIBAL NATIONS CONFERENCE 9/26-28/16 - This is the most recent update I have on UTE MOUNTAIN UTE. Please Advise?

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**Cc:** Rosencrantz, Ingrid

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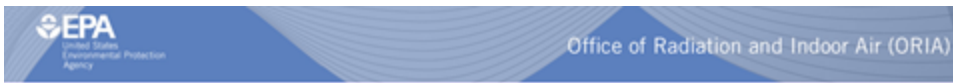
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**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Interagency comments  
**Date:** Tuesday, January 03, 2017 12:19:56 PM

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---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:43 AM  
**To:** Collections.SubW  
**Subject:** FW: Interagency comments

---

**From:** Johnson, Ann  
**Sent:** Monday, September 26, 2016 9:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Interagency comments

Dan,

Do you have any idea when you plan to transmit the response to interagency comments? I know my management will ask me.

Thanks.  
Ann



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**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Interagency comments  
**Date:** Tuesday, January 03, 2017 12:19:42 PM

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**To:** Collections.SubW  
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**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Interagency comments

I am hoping to have something for review this week.

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**From:** Johnson, Ann  
**Sent:** Monday, September 26, 2016 9:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: draft SOW and IGCE for 5-08  
**Date:** Tuesday, January 03, 2017 12:19:04 PM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:44 AM  
**To:** Collections.SubW  
**Subject:** FW: draft SOW and IGCE for 5-08

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, September 27, 2016 4:11 PM  
**To:** Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>  
**Subject:** RE: draft SOW and IGCE for 5-08

I did it.

---

**From:** Egidi, Philip  
**Sent:** Tuesday, September 27, 2016 3:33 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: draft SOW and IGCE for 5-08

Since I sent this to you already, do I have to submit it to the site?  
PVE

Philip Egidi  
Environmental Scientist  
U.S. Environmental Protection Agency  
Radiation Protection Division  
Washington, DC  
(202) 343-9186 (work)  
(970) 209-2885 (Cell)

“The health of the people is the highest law.”  
Cicero (106 - 43 BC)

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, August 04, 2016 11:55 AM  
**To:** Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>  
**Subject:** FW: draft SOW and IGCE for 5-08

As requested.

---

**From:** Phil Egidi [<mailto:pegidi@tds.net>]

**Sent:** Saturday, July 30, 2016 9:59 AM

**To:** Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** draft SOW and IGCE for 5-08

Greetings from OBX.

Without a clear understanding of the path forward, I have prepared a bare bones SOW for 5-08 that is basically a response to inter-agency review based on technical direction.

Just gave them what I am hoping is enough hours to do whatever it is gets thrown their way!

We will be driving back Sunday night, but may end up taking more leave Monday morning if traffic is just too much.

Will call into Ingrid's meeting at 1:00 either way.

I can check this email easily, but not work email – for that I have to schlep the computer to the coffee house...

PVE

“We Train For This...”

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Contract No. EP-D-10-042, Work Plan for WA 5-18  
**Date:** Tuesday, January 03, 2017 12:18:51 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:44 AM  
**To:** Collections.SubW  
**Subject:** FW: Contract No. EP-D-10-042, Work Plan for WA 5-18

---

**From:** Egidi, Philip  
**Sent:** Wednesday, September 28, 2016 8:23 AM  
**To:** Miller, Beth <[Miller.Beth@epa.gov](mailto:Miller.Beth@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Contract No. EP-D-10-042, Work Plan for WA 5-18

I thought I turned it in early; will check with Dan...  
PVE

Philip Egidi  
Environmental Scientist  
U.S. Environmental Protection Agency  
Radiation Protection Division  
Washington, DC  
(202) 343-9186 (work)  
(970) 209-2885 (Cell)

“The health of the people is the highest law.”  
Cicero (106 - 43 BC)

---

**From:** Miller, Beth  
**Sent:** Wednesday, September 28, 2016 8:06 AM  
**To:** Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>  
**Subject:** FW: Contract No. EP-D-10-042, Work Plan for WA 5-18

Hi Phil,

Is the WP in the works?

Thanks



Please consider the environment before printing this e-mail.

*Beth Miller*  
**202-343-9223**

---

**From:** Judy Eley [<mailto:jeley@scainc.com>]  
**Sent:** Tuesday, September 13, 2016 2:23 PM  
**To:** Miller, Beth <[Miller.Beth@epa.gov](mailto:Miller.Beth@epa.gov)>; Miller, Ross <[miller.ross@epa.gov](mailto:miller.ross@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>  
**Cc:** [azeitoun@scainc.com](mailto:azeitoun@scainc.com)  
**Subject:** Contract No. EP-D-10-042, Work Plan for WA 5-18

Ms. Miller:

SC&A, Inc. is pleased to submit its Work Plan for Work Assignment 5-18 under Contract No. EP-D-10-042 extended. If you have any questions, please contact Abe Zeitoun at 703-893-6600 ext. 225.

Regards,

Judy Eley  
Admin. Asst.  
SC&A, Inc.  
1608 Spring Hill Rd., Suite 400  
Vienna, VA 22182-2241  
703-893-6600 ext. 200  
703-821-8236 (fax)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Please call Phil Egidi at your earliest convenience  
**Date:** Tuesday, January 03, 2017 12:18:37 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:45 AM  
**To:** Collections.SubW  
**Subject:** FW: Please call Phil Egidi at your earliest convenience

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**From:** Egidi, Philip  
**Sent:** Wednesday, September 28, 2016 8:37 AM  
**To:** Steve Marschke <[smarschke@scainc.com](mailto:smarschke@scainc.com)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Please call Phil Egidi at your earliest convenience

Steve,  
I need to discuss the work plan for 5-08 ASAP.  
Thank you,  
PVE

Philip Egidi  
Environmental Scientist  
U.S. Environmental Protection Agency  
Radiation Protection Division  
Washington, DC  
(202) 343-9186 (work)  
(970) 209-2885 (Cell)

“The health of the people is the highest law.”  
Cicero (106 - 43 BC)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Did you send out the reminder about the stakeholder call? (eom)  
**Date:** Tuesday, January 03, 2017 12:18:06 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Did you send out the reminder about the stakeholder call? (eom)

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 29, 2016 4:13 PM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** Did you send out the reminder about the stakeholder call? (eom)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Did you send out the reminder about the stakeholder call? (eom)  
**Date:** Tuesday, January 03, 2017 12:17:49 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Did you send out the reminder about the stakeholder call? (eom)

---

**From:** Nesky, Anthony  
**Sent:** Thursday, September 29, 2016 4:34 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Did you send out the reminder about the stakeholder call? (eom)

I just got in from an all-day exercise. I'll buzz the message by you.

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 29, 2016 4:13 PM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** Did you send out the reminder about the stakeholder call? (eom)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016  
**Date:** Tuesday, January 03, 2017 12:16:32 PM

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 4, 2016 9:46 AM  
**To:** Collections.SubW  
**Subject:** FW: 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016

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**From:** SubpartW  
**Sent:** Thursday, September 29, 2016 6:59 PM  
**To:** SubpartW <[subpartW@epa.gov](mailto:subpartW@epa.gov)>  
**Subject:** 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016

40 CFR PART 61, SUBPART W

NATIONAL EMISSION STANDARDS FOR RADON EMISSIONS FROM OPERATING MILL TAILINGS

You are receiving this email because you subscribed to receive updates or otherwise participated in the rulemaking process for 40 CFR Part 61, Subpart W.

NEXT CONFERENCE CALL: OCTOBER 6, 2016

The next quarterly stakeholder conference call will occur on Thursday, October 6, 2016 at 11 AM EDT, 10am CDT, 9am MDT and 8am PDT. The call in number is 1-866-299-3188. You will be prompted for a conference code, which will be 2023439765. After entering the conference code press the # key and you will then be placed into the conference call.

STATUS OF THE PROPOSED RULEMAKING

After evaluating public comments on its proposed revisions to Subpart W, EPA has drafted a final regulation. EPA intends to issue a final regulation this year. In accordance with rulemaking procedures, EPA submitted the draft final regulation to the Office of Management and Budget (OMB) for interagency review. OMB may submit questions to which EPA would have to address before issuing a final rule.

For more information on the proposed revision of EPA Subpart W, see:

<https://www.epa.gov/radiation/subpart-w-rulemaking-activity>

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[Subpart W Rulemaking Activity | Radiation Protection | US EPA](#)

[www.epa.gov](http://www.epa.gov)

Background and supporting materials related to Subpart W rulemaking activity, including

non-privileged records, conference call minutes, presentations and other ...

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If you no longer wish to receive these updates, please reply with the word UNSUBSCRIBE. You will then be deleted from the mailing list.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Emails related to Subpart W  
**Date:** Tuesday, January 03, 2017 12:16:18 PM  
**Attachments:** [Need a little help on a rule-effectiveness question.msg](#)  
[Some unsolicited advice.msg](#)  
[Need some info from you.msg](#)  
[RE Need some info from you.msg](#)

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**From:** Eagles, Tom  
**Sent:** Tuesday, October 4, 2016 2:48 PM  
**To:** Collections.SubW  
**Subject:** Emails related to Subpart W

**From:** [Eagles, Tom](#)  
**To:** [Rosnick, Reid](#)  
**Subject:** Need a little help on a rule-effectiveness question  
**Date:** Tuesday, September 01, 2015 3:53:00 PM

---

To Reid Rosnick --

Hi there -- I'm helping Betsy Shaw keep track of the status of the rules that are part of the Rule-Effectiveness initiative. At this point, Betsy has asked me to check with workgroup chairs to see who are their Regional workgroup participants. The list shown below is who we think are the Regional members of your workgroup, but we'd like you to tell us whether the list is correct from your perspective. Could you please let me know which of these people you regard as actually on your workgroup? Of course, if there are any others not listed here, I need to know that as well. Thanks in advance for your help!

Tom Eagles  
OAR/OAPPS

| <b>Regional Workgroup Members</b>                                                                                                                                                                                                     |                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>NESHAP for Radon Emissions from Operating Uranium Mill Tailings<br/>(40 CFR Part 61, Subpart W)<br/>- Amendments<br/>ORIA - SAN 5281<br/><i>Tier 2 – OMB Significant</i></b><br><br>WG Chair: Reid Rosnick<br>DD: Jonathan Edwards | <b>R6</b> – George Brozowski<br><b>R7</b> - Robert Dye (primary), Charles Hooper<br><b>R8</b> – D.J. Law<br><b>R10</b> – Davis Zhen |

**From:** [Eagles, Tom](#)  
**To:** [Rosencrantz, Ingrid](#); [Rosnick, Reid](#)  
**Cc:** [Edwards, Jonathan](#); [Cherepy, Andrea](#); [Perrin, Alan](#)  
**Subject:** Need some info from you  
**Date:** Tuesday, June 16, 2015 6:00:00 PM

---

To Ingrid Rosencrantz and Reid Rosnick: Could you each please email me a [list of the workgroup members](#) (both HQ and Regional) for the rulemakings shown below? These rules are part of the rule-effectiveness initiative, and I'm trying to help Betsy Shaw compile an accurate list of workgroup members for all the rules in that initiative. We've learned that ADP Tracker is often not up to date, so we're going direct to the source – i.e., you.

I put out a call to Ray Lee on this, but he's out for the week, so I'm going directly to the two of you. I need this info by this Friday if possible. Thanks in advance.

**Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings  
and Uranium In Situ Leaching Processing Facilities**

(40 CFR Part 192) – Revisions  
SAN 5319

**NESHAP for Radon Emissions from Operating Uranium Mill Tailings**

(40 CFR Part 61, Subpart W)  
- Amendments  
SAN 5281

**From:** [Eagles, Tom](#)  
**To:** [Rosencrantz, Ingrid](#)  
**Cc:** [Edwards, Jonathan](#); [Cherepy, Andrea](#); [Perrin, Alan](#); [Rosnick, Reid](#)  
**Subject:** RE: Need some info from you  
**Date:** Wednesday, June 17, 2015 10:14:00 AM

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Thanks! The purpose of gathering these names is simply to help us figure out who has had rule-effectiveness training. Everybody who's on a workgroup is supposed to get that training. We think that most folks already have taken the training, but there may be a few that still need to take it.

One more favor to ask: Could you please add my name to your workgroup list? I won't be an actual participant, but being on the list will ensure that I receive materials that you distribute to the workgroup. Betsy has asked me to gather materials such as briefing slides, preambles, and action memos so we can stay abreast of the rule-effectiveness aspects of the rulemaking.

---

**From:** Rosencrantz, Ingrid  
**Sent:** Wednesday, June 17, 2015 7:29 AM  
**To:** Eagles, Tom; Rosnick, Reid  
**Cc:** Edwards, Jonathan; Cherepy, Andrea; Perrin, Alan  
**Subject:** RE: Need some info from you

Attached is an update list of workgroup members. Please let me know if you need anything else.  
Thanks.  
Ingrid

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**From:** Eagles, Tom  
**Sent:** Tuesday, June 16, 2015 6:00 PM  
**To:** Rosencrantz, Ingrid; Rosnick, Reid  
**Cc:** Edwards, Jonathan; Cherepy, Andrea; Perrin, Alan  
**Subject:** Need some info from you

To Ingrid Rosencrantz and Reid Rosnick: Could you each please email me a [list of the workgroup members](#) (both HQ and Regional) for the rulemakings shown below? These rules are part of the rule-effectiveness initiative, and I'm trying to help Betsy Shaw compile an accurate list of workgroup members for all the rules in that initiative. We've learned that ADP Tracker is often not up to date, so we're going direct to the source – i.e., you.

I put out a call to Ray Lee on this, but he's out for the week, so I'm going directly to the two of you. I need this info by this Friday if possible. Thanks in advance.

**Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings  
and Uranium In Situ Leaching Processing Facilities**  
(40 CFR Part 192) – Revisions  
SAN 5319

**NESHAP for Radon Emissions from Operating Uranium Mill Tailings**

(40 CFR Part 61, Subpart W)

- Amendments

SAN 5281

**From:** [Eagles, Tom](#)  
**To:** [Rosencrantz, Ingrid](#); [Schultheisz, Daniel](#)  
**Subject:** Some unsolicited advice  
**Date:** Wednesday, June 08, 2016 5:36:00 PM

---

Re The Subpart W rule and the Part 192 rule:

Both of your rules are part of the agency's Rule Effectiveness initiative. I'm writing to make a plea to put something in your Action Memos and Preambles that briefly describes what you did to address rule effectiveness. The agency will be looking to see how rule effectiveness was addressed, and if you have a good story to tell, the Action Memos and Preambles are great places to tell it to management.

(Dan -- I sent this to you because I just discovered Reid has retired. If you're not the lead for Subpart W, please pass this on to whomever is the lead.)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: The List Of Champions  
**Date:** Tuesday, January 03, 2017 12:16:03 PM

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**From:** Shogren, Angela  
**Sent:** Tuesday, October 4, 2016 3:23 PM  
**To:** Collections.SubW  
**Subject:** FW: The List Of Champions

**Angela Shogren** | Public Affairs Specialist | U.S. Environmental Protection Agency | Tel 202 343 9761 | [shogren.angela@epa.gov](mailto:shogren.angela@epa.gov)

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**From:** Shogren, Angela  
**Sent:** Thursday, September 29, 2016 8:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** White, Rick <[White.Rick@epa.gov](mailto:White.Rick@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** FW: The List Of Champions

Dan,

It sounds like the proposal for the Subpart W compliance reporting tool may not get obligated until early October – with our time crunch (end of calendar year), should we try to get this project listed as “High Priority”? It may not matter in the long run – sounds like it’s the difference of only a few days.

**Angela Shogren** | Public Affairs Specialist | U.S. Environmental Protection Agency | Tel 202 343 9761 | [shogren.angela@epa.gov](mailto:shogren.angela@epa.gov)

---

**From:** Mitchell, Greg  
**Sent:** Wednesday, September 28, 2016 3:24 PM  
**To:** Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
**Subject:** RE: The List Of Champions

I received the ROM last night. I know you’ve been trying to get the PR in possibly with expiring funds, but it looks like the backlog of requests is so long that it never had a chance. Apparently now unless it is on the High priority list anything obligated will not get approved until after 10/1.

I have several other customers in the same boat...

---

**From:** Mashayekhi, Bijan

**Sent:** Wednesday, September 28, 2016 2:56 PM

**To:** Blake-Coleman, Wendy <[Blake-Coleman.Wendy@epa.gov](mailto:Blake-Coleman.Wendy@epa.gov)>; Chaudet, Roy <[Chaudet.Roy@EPA.GOV](mailto:Chaudet.Roy@EPA.GOV)>; Chiu, Ann <[Chiu.Ann@epa.gov](mailto:Chiu.Ann@epa.gov)>; Christian, Scott <[Christian.Scott@epa.gov](mailto:Christian.Scott@epa.gov)>; Clark, Chris <[Clark.Chris@epa.gov](mailto:Clark.Chris@epa.gov)>; Crawford, Tim <[Crawford.Tim@epa.gov](mailto:Crawford.Tim@epa.gov)>; Dalcher, Debra <[dalcher.debra@epa.gov](mailto:dalcher.debra@epa.gov)>; Dorsey, Towana <[Dorsey.Towana@epa.gov](mailto:Dorsey.Towana@epa.gov)>; Edmonds, Marc <[Edmonds.Marc@epa.gov](mailto:Edmonds.Marc@epa.gov)>; Freeman, Charles <[Freeman.charles@epa.gov](mailto:Freeman.charles@epa.gov)>; Furr, Lori <[Furr.Lori@epa.gov](mailto:Furr.Lori@epa.gov)>; Galindo, Lico <[Galindo.Lico@epa.gov](mailto:Galindo.Lico@epa.gov)>; Gerardin, Margaret <[Gerardin.Margaret@epa.gov](mailto:Gerardin.Margaret@epa.gov)>; Gorder, Chris <[Gorder.Chris@epa.gov](mailto:Gorder.Chris@epa.gov)>; Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>; Hood, Lynne <[Hood.Lynne@epa.gov](mailto:Hood.Lynne@epa.gov)>; Howard, Roger <[Howard.Roger@epa.gov](mailto:Howard.Roger@epa.gov)>; Jackson, Judy <[Jackson.Judy@epa.gov](mailto:Jackson.Judy@epa.gov)>; Jacobs, Terrie <[Jacobs.Terrie@epa.gov](mailto:Jacobs.Terrie@epa.gov)>; Jones, Lauren W. <[Jones.LaurenW@epa.gov](mailto:Jones.LaurenW@epa.gov)>; Kelly, Matthew <[Kelly.Matthew@epa.gov](mailto:Kelly.Matthew@epa.gov)>; Klewin, Kenneth <[klewin.kenneth@epa.gov](mailto:klewin.kenneth@epa.gov)>; Knipschild, Shane <[Knipschild.Shane@epa.gov](mailto:Knipschild.Shane@epa.gov)>; Kramer, Bill <[Kramer.Bill@epa.gov](mailto:Kramer.Bill@epa.gov)>; Mitchell, Greg <[Mitchell.Greg@epa.gov](mailto:Mitchell.Greg@epa.gov)>; Moore, Katrail <[Moore.Katrail@epa.gov](mailto:Moore.Katrail@epa.gov)>; Patel, Ketan <[Patel.Ketan@epa.gov](mailto:Patel.Ketan@epa.gov)>; Phelps, Lara <[Phelps.Lara@epa.gov](mailto:Phelps.Lara@epa.gov)>; Reynolds, Salena <[Reynolds.Salena@epa.gov](mailto:Reynolds.Salena@epa.gov)>; Ross, Jon <[Ross.Jon@epa.gov](mailto:Ross.Jon@epa.gov)>; Stewart, Cathleen <[Stewart.Cathy@epa.gov](mailto:Stewart.Cathy@epa.gov)>; Teitelbaum, Daniel <[Teitelbaum.daniel@epa.gov](mailto:Teitelbaum.daniel@epa.gov)>; White, Dominique <[White.Dominique@epa.gov](mailto:White.Dominique@epa.gov)>; Wright, Robert <[Wright.Robert@epa.gov](mailto:Wright.Robert@epa.gov)>

**Subject:** The List Of Champions

Hi all,

Once again, please let your CORs know that unless their PR is placed on the high priority list, their PR will NOT be processed by this Friday, 09/30. If they want to put their PR on the priority list, they must speak to their OAM champion. I will let you disseminate this information to all the program

Thanks!

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPSC  
(202) 564-0366

Here's the link and then on that page, they can find the list of champions.

<http://oamintra.epa.gov/?q=node/769>

---

**From:** Ventura, Marisol  
**Sent:** Wednesday, September 28, 2016 2:47 PM  
**To:** Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>; Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>;  
Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** RE: CDX Task Order

Here's the link and then on that page, they can find the list of champions.

<http://oamintra.epa.gov/?q=node/769>

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPSC  
(202) 564-0366

---

**From:** Hart, Michael  
**Sent:** Wednesday, September 28, 2016 2:30 PM  
**To:** Ventura, Marisol <[Ventura.Marisol@epa.gov](mailto:Ventura.Marisol@epa.gov)>; Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>;  
Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** RE: CDX Task Order, PR-OECA-16-00343 \$130,237.40.

Thanks Marisol

Who are the OAM champions across the agency (so we can point our customers to them)?

thanks again, mike

Michael Hart, Chief  
Information Exchange Solutions Branch  
U.S. Environmental Protection Agency  
1301 Constitution Avenue, NW (2823T)  
Washington, DC 20460  
(202) 566-1696

---

**From:** Ventura, Marisol  
**Sent:** Wednesday, September 28, 2016 1:14 PM  
**To:** Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>; Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>;  
Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** FW: CDX Task Order, PR-OECA-16-00343 \$130,237.40.  
**Importance:** High

Hi all,

Once again, please let your CORs know that unless their PR is placed on the high priority list, their PR will NOT be processed by this Friday, 09/30. If they want to put their PR on the priority list, they must speak to their OAM champion. I will let you disseminate this information to all the program

Thanks!

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPSC  
(202) 564-0366

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Tuesday, January 03, 2017 12:15:50 PM

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**From:** Shogren, Angela  
**Sent:** Tuesday, October 4, 2016 3:23 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

**Angela Shogren** | Public Affairs Specialist | U.S. Environmental Protection Agency | Tel 202 343 9761 | [shogren.angela@epa.gov](mailto:shogren.angela@epa.gov)

---

**From:** Mitchell, Greg  
**Sent:** Tuesday, September 27, 2016 12:32 PM  
**To:** Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
**Subject:** Re: Subpart W

Very soon. Our ROM is stuck at Project level because discussion on CEDRI version isn't over.

So I need to talk to Bijan if possible in a couple minutes (first)

Sent from my iPhone

On Sep 27, 2016, at 8:03 AM, Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)> wrote:

Either works - home is probably easiest (703-347-7773).

**Angela Shogren**

Public Affairs Specialist

Radiation Protection Division

U.S. Environmental Protection Agency Tel (202) 343-9761

[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)

On Sep 27, 2016, at 7:24 AM, Mitchell, Greg <[Mitchell.Greg@epa.gov](mailto:Mitchell.Greg@epa.gov)> wrote:

Yes. I get a lunch break at ~12:35. This is a very technical rapid-paced Azure cloud class, and the instructor bounces all over the place and yesterday I didn't complete the labs until nearly 6:30pm, so I'll call you when I get a moment and can get into EPA mode. ☺ Would I call your work or home number?

---

**From:** Shogren, Angela  
**Sent:** Tuesday, September 27, 2016 7:09 AM  
**To:** Mitchell, Greg <[Mitchell.Greg@epa.gov](mailto:Mitchell.Greg@epa.gov)>  
**Subject:** Re: Subpart W

Thanks. I feel like we still have some stuff to iron out though. Do you have time today to talk? I also want to talk about the mirror server.

**Angela Shogren**

Public Affairs Specialist  
Radiation Protection Division  
U.S. Environmental Protection Agency Tel (202) 343-9761  
[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)

On Sep 27, 2016, at 6:37 AM, Mitchell, Greg <[Mitchell.Greg@epa.gov](mailto:Mitchell.Greg@epa.gov)> wrote:

Sorry this got away from me. You have my IGCE. I think the ROM went directly back to Bijan and I'll have it later today.

My recommendation is to prepare for the PR obligation (info, below). Also, call Mike Hart 202-566-1696 then possibly follow up with Bijan.

I'll keep an eye out for the ROM and forward to you as soon as possible. Once we establish the actual amount between IGCE & ROM and you have finalized the PR, I'll make sure the SOW gets started.

Sincerely,  
Greg  
919-917-4667 (cell)

CDX Task Order Contract #: GS00Q09BGD0022 Task  
Order #: EP-G11H-00154 TDD# 11.02 (also refer to  
Subpart W)

POC (Primary)Greg Mitchell 919-541-4823;  
COR: Bijan Mashayekhi 202-566-2973 or Mike Hart (202)  
566-1696.  
Buyer: HPOD/IRMPSC; CO: Marisol Ventura and Kevin  
Thunell

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Uranium Mill Tailings  
**Date:** Tuesday, January 03, 2017 12:15:34 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:04 AM  
**To:** Collections.SubW  
**Subject:** FW: Uranium Mill Tailings

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**From:** Johnson, Ann  
**Sent:** Thursday, July 07, 2016 8:53 AM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Very good question. I was going to contact them today. (They promised to let me know when it moved at all, but it's been too long.)

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, July 07, 2016 8:51 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: Uranium Mill Tailings

Do we think this one will come to us next week? I doubt it, but defer to you.

---

**From:** Johnson, Ann  
**Sent:** Thursday, June 30, 2016 4:04 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Eileen,

Sorry. I could have let you know the status. I spoke with the workgroup rep last week. He gave me the same information. He agreed to keep me informed of the status (when it goes to his management, etc.). I will keep you all in the loop.

Ann

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, June 30, 2016 3:54 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** FW: Uranium Mill Tailings

FYI.....I asked Ray what was going on with this one.

---

**From:** Lee, Raymond  
**Sent:** Thursday, June 30, 2016 3:42 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** Re: Uranium Mill Tailings

Hi Eileen!

Long time indeed! I'm out of the office today and the rest of this week, but wanted to give you an update...

I gave this info to Carissa earlier for the ADP meeting, but the Subpart W rule did go to OAR in early June. Janet gave us back some comments that we are now addressing in ORIA. Some of them have legal implications so we're having to work with OGC to make sure everything is kosher. We don't have a firm timetable of when we will get the revised package back to her, but we're thinking it will be in the next week or two.

Hope this helps!

Thanks,

Ray

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, June 30, 2016 8:14:01 AM  
**To:** Lee, Raymond  
**Subject:** Uranium Mill Tailings

Ray, long time without seeing you. Hope you are well. Was wondering if you could give me a more recent update on plans for sending this rule to OMB.

**Final: NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (SAN 5281; A. Johnson)**

Planned to send to OMB on 6/22/16 (according to April meeting).



In OAR/IO now.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Uranium Mill Tailings  
**Date:** Tuesday, January 03, 2017 12:15:08 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:04 AM  
**To:** Collections.SubW  
**Subject:** FW: Uranium Mill Tailings

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**From:** Johnson, Ann  
**Sent:** Thursday, July 07, 2016 9:22 AM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Eileen,

I just got off the phone with the workgroup chair.

Bottom line: It is possible that it will come to OP for OMB next week.

OAR had sent it to Janet for review a while ago. Janet gave them comments. They hope to get a revision back to Janet tomorrow. Janet did not request any major changes to the rule, so they think she will complete her second look quickly. Assuming that Janet can review it by the beginning of next week and that OAR can process it quickly, it could come to us some time later in the week. This sounds ambitious. The workgroup chair told me he would send me the materials he sends up to Janet (tomorrow).

Ann

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**From:** Pritchard, Eileen  
**Sent:** Thursday, July 07, 2016 8:55 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Thanks. Am doing the NOTES FOR LAURA and need to know if I should put it on as a possibility to move to OMB next week.

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**From:** Johnson, Ann

**Sent:** Thursday, July 07, 2016 8:53 AM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Very good question. I was going to contact them today. (They promised to let me know when it moved at all, but it's been too long.)

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**From:** Pritchard, Eileen  
**Sent:** Thursday, July 07, 2016 8:51 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: Uranium Mill Tailings

Do we think this one will come to us next week? I doubt it, but defer to you.

---

**From:** Johnson, Ann  
**Sent:** Thursday, June 30, 2016 4:04 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Eileen,

Sorry. I could have let you know the status. I spoke with the workgroup rep last week. He gave me the same information. He agreed to keep me informed of the status (when it goes to his management, etc.). I will keep you all in the loop.

Ann

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**From:** Pritchard, Eileen  
**Sent:** Thursday, June 30, 2016 3:54 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** FW: Uranium Mill Tailings

FYI.....I asked Ray what was going on with this one.

---

**From:** Lee, Raymond  
**Sent:** Thursday, June 30, 2016 3:42 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** Re: Uranium Mill Tailings

Hi Eileen!

Long time indeed! I'm out of the office today and the rest of this week, but wanted to give you an update...

I gave this info to Carissa earlier for the ADP meeting, but the Subpart W rule did go to OAR in early June. Janet gave us back some comments that we are now addressing in ORIA. Some of them have legal implications so we're having to work with OGC to make sure everything is kosher. We don't have a firm timetable of when we will get the revised package back to her, but we're thinking it will be in the next week or two.

Hope this helps!

Thanks,

Ray

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, June 30, 2016 8:14:01 AM  
**To:** Lee, Raymond  
**Subject:** Uranium Mill Tailings

Ray, long time without seeing you. Hope you are well. Was wondering if you could give me a more recent update on plans for sending this rule to OMB.

**Final: NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (SAN 5281; A. Johnson)**

Planned to send to OMB on 6/22/16 (according to April meeting).  
In OAR/IO now.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.  
**Date:** Tuesday, January 03, 2017 12:14:05 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:06 AM  
**To:** Collections.SubW  
**Subject:** FW: SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.

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**From:** Johnson, Ann  
**Sent:** Monday, July 11, 2016 12:10 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Cc:** Nickerson, William ([Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)) <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Subject:** SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.

[OAR expects the Subpart W rule, SAN](#)

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**From:** Schultheisz, Daniel  
**Sent:** Monday, July 11, 2016 11:35 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

[FYI, Janet had some very minor comments on the version sent last week and we expect it to move to OP this week.](#)

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**From:** Cyran, Carissa  
**Sent:** Monday, July 11, 2016 11:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Good morning, Dan,

No, I will send this version electronically to Janet since we don't need hard copies, and have her sign the transmittal memo hopefully tonight.

Thank you!

Carissa

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**From:** Schultheisz, Daniel

**Sent:** Monday, July 11, 2016 11:27 AM

**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

**Subject:** July 11 Revision to Subpart W Final Rule

Carissa:

Attached is a revised version of the rule/preamble incorporating Janet's comments over the weekend. Thanks for sending it on to her, and I appreciate her getting to it so quickly. In her note to Jon Edwards, she said "this should be ready to move to the next step." Is there anything else you need from me to make that happen? Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Timing of uranium mill tailings NESHAP  
**Date:** Tuesday, January 03, 2017 12:13:51 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:06 AM  
**To:** Collections.SubW  
**Subject:** FW: Timing of uranium mill tailings NESHAP

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**From:** Johnson, Ann  
**Sent:** Wednesday, July 13, 2016 11:35 AM  
**To:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William ([Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)) <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Subject:** RE: Timing of uranium mill tailings NESHAP

Thank you for including me on this email. Please let me know if you need any additional information.

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**From:** Corrales, Mark  
**Sent:** Wednesday, July 13, 2016 11:32 AM  
**To:** Rennert, Kevin <[Rennert.Kevin@epa.gov](mailto:Rennert.Kevin@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** Timing of uranium mill tailings NESHAP

Earlier this week someone was asking about any drivers of the timing of this action & others, in the context of OMB concerns about how many rules are coming through for review at the same time. Here are some details on this one, just as background and in case OMB asks about timing:

From recent OAR materials:

- “No court ordered deadlines apply to this action. However, it does satisfy a requirement of a settlement agreement between the Agency and two environmental groups that came about because the U.S. Environmental Protection Agency did not conduct its review of this standard within 10 years of enactment as prescribed by the Amendments.”
- “On April 26, 2007, Colorado Citizens Against Toxic Waste and Rocky Mountain Clean Air

Action filed a lawsuit against the EPA for the Agency's failure to review and, if appropriate, revise the NESHAP Subpart W within the 10-year timeframe prescribed under CAAA section 112(q)(1). A settlement agreement was entered into between the parties in November 2009. The EPA agreed to revise the rule as expeditiously as possible, as appropriate."

What we've told OMB so far:

- In April we told OMB the estimated date for transmittal to OMB was June 22.
- We first put it on the OMB list for weekly discussions with Jim on June 7, saying, "Not in OP yet. Expected to OP week of June 24. Expect to send to OMB early July."
- On June 15, we told OMB it was in OAR's IO.
- It finally arrived at OP yesterday, July 12. We reiterated "late July" as the date it would go to OMB.



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Timing of uranium mill tailings NESHAP  
**Date:** Tuesday, January 03, 2017 12:13:29 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:09 AM  
**To:** Collections.SubW  
**Subject:** FW: Timing of uranium mill tailings NESHAP

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**From:** Johnson, Ann  
**Sent:** Thursday, July 14, 2016 4:29 PM  
**To:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>  
**Subject:** RE: Timing of uranium mill tailings NESHAP

I apologize. That was my mistake. You had been asking me about TCE and I assumed, without looking at the subject, that was what the message was about. It hadn't occurred to me that Uranium was in question. It's cleared up with Kathryn now.

---

**From:** Corrales, Mark  
**Sent:** Thursday, July 14, 2016 4:18 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>  
**Subject:** RE: Timing of uranium mill tailings NESHAP

Just to clear up the confusion – the emails below were conflating TCE and Uranium NESHAP timing issues. The subject line said uranium mill tailings NESHAP but the idea of Monday the 25<sup>th</sup> and the Peter Smith paragraphs were about the TCE rule. We already have the NESHAP, and are likely to get the TCE rule very soon.

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**From:** Corrales, Mark  
**Sent:** Thursday, July 14, 2016 3:39 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>

Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>

**Subject:** RE: Timing of uranium mill tailings NESHAP

If it is OK by all of you, I'm inclined to assume we will upload on Monday the 25<sup>th</sup>, which would be an expedited (1 vs 2 wk) review, even assuming we actually get the full package tomorrow or Monday. They may wish to elevate, which is fine and we can adjust as needed. We have to alert /ask Jim prior to upload on this one, which Kevin can do when appropriate. This means it can be left out of the weekly notes for AA (it was already left out) and the AA's notes for the Administrator for next week.

Thanks

---

**From:** Johnson, Ann

**Sent:** Thursday, July 14, 2016 3:32 PM

**To:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>

**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>

**Subject:** RE: Timing of uranium mill tailings NESHAP

As I indicated in my message earlier...

Peter Smith told me and Sharon just prior to this afternoon's OMB meeting that the package is going being sent up to OP today. During the meeting Peter told OMB that we would have the package to them in the next several days.

After the meeting he told me and Sharon that OCSPP would be requesting expedited review and basically said that if we pushed back then Jim would call Laura.

It is possible that an important(?) part of the package is missing, but it's not clear who decides or is made aware of that. Attached is an email conversation I've had with OGC (ignore that it is speaking in terms of paint strippers).

---

**From:** Corrales, Mark

**Sent:** Thursday, July 14, 2016 3:19 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>

**Subject:** RE: Timing of uranium mill tailings NESHAP

Ann, What is your latest sense of the timing of this rule/ when it should go to OMB? Essentially I want to know if I should put it back on the list of what Laura is telling the Administrator is likely to be uploaded to OMB next week. e.g., Are you hearing any specific dates by which they want it uploaded? Is your review likely to be complete imminently or could it take two plus weeks?

---

**From:** Johnson, Ann  
**Sent:** Wednesday, July 13, 2016 11:35 AM  
**To:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Cc:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Subject:** RE: Timing of uranium mill tailings NESHAP

Thank you for including me on this email. Please let me know if you need any additional information.

---

**From:** Corrales, Mark  
**Sent:** Wednesday, July 13, 2016 11:32 AM  
**To:** Rennert, Kevin <[Rennert.Kevin@epa.gov](mailto:Rennert.Kevin@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** Timing of uranium mill tailings NESHAP

Earlier this week someone was asking about any drivers of the timing of this action & others, in the context of OMB concerns about how many rules are coming through for review at the same time. Here are some details on this one, just as background and in case OMB asks about timing:

From recent OAR materials:

- “No court ordered deadlines apply to this action. However, it does satisfy a requirement of a settlement agreement between the Agency and two environmental groups that came about because the U.S. Environmental Protection Agency did not conduct its review of this standard within 10 years of enactment as prescribed by the Amendments.”
- “On April 26, 2007, Colorado Citizens Against Toxic Waste and Rocky Mountain Clean Air Action filed a lawsuit against the EPA for the Agency’s failure to review and, if appropriate, revise the NESHAP Subpart W within the 10-year timeframe prescribed under CAAA section 112(q)(1). A settlement agreement was entered into between the parties in November 2009. The EPA agreed to revise the rule as expeditiously as possible, as appropriate.”

What we’ve told OMB so far:

- In April we told OMB the estimated date for transmittal to OMB was June 22.
- We first put it on the OMB list for weekly discussions with Jim on June 7, saying, “Not in OP yet. Expected to OP week of June 24. Expect to send to OMB early July.”
- On June 15, we told OMB it was in OAR’s IO.

- It finally arrived at OP yesterday, July 12. We reiterated “late July” as the date it would go to OMB.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: THIS IS WHEN I GOT.... OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)"  
**Date:** Tuesday, January 03, 2017 12:13:14 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:10 AM  
**To:** Collections.SubW  
**Subject:** FW: THIS IS WHEN I GOT.... OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

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**From:** Johnson, Ann  
**Sent:** Thursday, July 14, 2016 3:54 PM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Subject:** THIS IS WHEN I GOT.... OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Just FYI – It was in OP on the 13<sup>th</sup>, Due on the 26<sup>th</sup>. I confirmed it is a standard (2-week) review.

---

**From:** Eileen Pritchard [<mailto:Pritchard.Eileen@epamail.epa.gov>]  
**Sent:** Wednesday, July 13, 2016 11:39 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** OP Policy Review - Review Summary Assignment (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

An action package requires a new or updated 'Review Summary' (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)').



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Monday.  
**Date:** Tuesday, January 03, 2017 12:13:01 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:11 AM  
**To:** Collections.SubW  
**Subject:** FW: Monday.

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**From:** Johnson, Ann  
**Sent:** Saturday, July 23, 2016 2:04 PM  
**To:** Corrales, Mark <Corrales.Mark@epa.gov>; Boyle, Kathryn <Boyle.Kathryn@epa.gov>; Pritchard, Eileen <Pritchard.Eileen@epa.gov>  
**Cc:** Nickerson, William <Nickerson.William@epa.gov>; Cooperstein, Sharon <Cooperstein.Sharon@epa.gov>  
**Subject:** Monday.

I was scrambling to get out at 6:00 on Friday and forgot to shoot off this email...

I've put in for leave for Monday, but I have Subpart W Uranium Mill Tailings done. I have one question for the workgroup chair and have arranged to speak with him on Monday and then I can send it on through.

I also have TSCA TCE close to ready, so I'll finish that one off and send it through Monday once OCSPP provides any revisions they decide to make.

As usual, I have my work laptop so I have no problem accessing Lotus Notes.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)")  
**Date:** Tuesday, January 03, 2017 12:12:40 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:13 AM  
**To:** Collections.SubW  
**Subject:** FW: OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

---

**From:** Johnson, Ann  
**Sent:** Wednesday, July 27, 2016 1:16 PM  
**To:** Mark Corrales <[Corrales.Mark@epamail.epa.gov](mailto:Corrales.Mark@epamail.epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Cc:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Curry, Bridgid <[Curry.Bridgid@epa.gov](mailto:Curry.Bridgid@epa.gov)>  
**Subject:** RE: OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Mark,

I had a question in to OAR regarding your question and had not closed out my policy review.

In the future please give me a heads up if you are going to approve before I answer your question.

I had corrected the typo and also decided to delete the "definitions" language that seemed like too much.

---

**From:** Mark Corrales [<mailto:Corrales.Mark@epamail.epa.gov>]  
**Sent:** Wednesday, July 27, 2016 1:13 PM  
**To:** Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Cc:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Curry, Bridgid <[Curry.Bridgid@epa.gov](mailto:Curry.Bridgid@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Approval for OMB Transmittal: Final - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)'

This Policy Review is ready for ORPM Office Director Approval.

Link to Policy Review Document-> 



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: APPROVED for OMB - NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (5281)  
**Date:** Tuesday, January 03, 2017 12:12:25 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:14 AM  
**To:** Collections.SubW  
**Subject:** FW: APPROVED for OMB - NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (5281)

---

**From:** Johnson, Ann  
**Sent:** Thursday, July 28, 2016 3:39 PM  
**To:** Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>  
**Subject:** RE: APPROVED for OMB - NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (5281)

Caryn,  
Thanks for including me!

---

**From:** Muellerleile, Caryn  
**Sent:** Thursday, July 28, 2016 3:16 PM  
**To:** Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Kime, Robin <[Kime.Robin@epa.gov](mailto:Kime.Robin@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Mcquilkkin, Wendy <[Mcquilkkin.Wendy@epa.gov](mailto:Mcquilkkin.Wendy@epa.gov)>; Morgan, Ruthw <[morgan.ruthw@epa.gov](mailto:morgan.ruthw@epa.gov)>; Morris, Joseph <[Morris.Joseph@epa.gov](mailto:Morris.Joseph@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Clark, Spencer <[Clark.Spencer@epa.gov](mailto:Clark.Spencer@epa.gov)>  
**Subject:** APPROVED for OMB - NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (5281)

Today, OP approved OAR's **NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)** (5281) for transmission to OMB for interagency review. This tier 3 final rule has been submitted to OMB via the ROCIS database.

The screenshot shows the ROCIS.GOV website interface. At the top, there is a navigation bar with 'HOME', 'AGENDA/REGS', and 'ADMINISTRATION'. Below this is a secondary navigation bar with icons for 'INBOX', 'RULES', 'AGENDA', 'SEARCH', 'AGENCY EO REVIEW', and 'REPORTS'. The main content area shows a breadcrumb trail: 'Home > Agenda/Regs > Agency EO Review > EO Package'. Below the breadcrumb, there is a summary of the rulemaking process: 'RIN: 2060-AP26 (201610)', 'Stage of Rulemaking: Final Rule Stage', and 'Title: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W. Standards for Radon Emissions From Operating Uranium Mill Tailings: Review'. A green banner with a checkmark icon indicates: 'EO Review Package was successfully submitted at 07/28/2016 15:08:05 PM.' At the bottom right of the screenshot, the text 'EO Review Package 2060-AP26' is displayed. The footer of the screenshot shows 'Unfunded Mandates'.

Caryn Muellerleile  
Regulatory Management Division  
Office of Policy  
US Environmental Protection Agency  
1200 Pennsylvania Ave NW (1803A)  
Washington, DC 20460  
(202) 564-2855  
[muellerleile.caryn@epa.gov](mailto:muellerleile.caryn@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Initial Briefing for OMB on Subpart W  
**Date:** Tuesday, January 03, 2017 12:12:11 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:14 AM  
**To:** Collections.SubW  
**Subject:** FW: Initial Briefing for OMB on Subpart W

-----Original Appointment-----

**From:** Johnson, Ann  
**Sent:** Monday, August 01, 2016 9:20 AM  
**To:** Schultheisz, Daniel  
**Subject:** Accepted: Initial Briefing for OMB on Subpart W  
**When:** Wednesday, August 03, 2016 3:30 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** DCRoomWest1424/OPEI; Conference Call 1-866-299-3188, Conference Code 2023439765#

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Requesting Telework tomorrow, 8/3  
**Date:** Tuesday, January 03, 2017 12:11:57 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:16 AM  
**To:** Collections.SubW  
**Subject:** FW: Requesting Telework tomorrow, 8/3

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 02, 2016 4:10 PM  
**To:** Corrales, Mark <Corrales.Mark@epa.gov>  
**Cc:** Pritchard, Eileen <Pritchard.Eileen@epa.gov>; Boyle, Kathryn <Boyle.Kathryn@epa.gov>  
**Subject:** Requesting Telework tomorrow, 8/3

Mark,

I have to get through the HRS rule and would like to telework so that I can avoid wasting time commuting, especially since I have three meetings: a 3-hour lead meeting and overlapping TCE#1 SISNOSE and Subpart W briefings/meetings with SBA and OMB, respectively.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:11:39 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:18 AM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:14 PM  
**To:** Boyle, Kathryn <Boyle.Kathryn@epa.gov>  
**Cc:** Corrales, Mark <Corrales.Mark@epa.gov>; Nickerson, William (Nickerson.William@epa.gov) <Nickerson.William@epa.gov>  
**Subject:** FW: Status

[Subpart W.](#)

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: information for Laura and OMB  
**Date:** Tuesday, January 03, 2017 12:11:23 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:19 AM  
**To:** Collections.SubW  
**Subject:** FW: information for Laura and OMB

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:59 PM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Nickerson, William ([Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)) <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>  
**Subject:** RE: information for Laura and OMB

For TCE, 10 pages and 104 comments, FYI. Not as bad as I expected! ;)

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:10 PM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Nickerson, William ([Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)) <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Cooperstein, Sharon <[Cooperstein.Sharon@epa.gov](mailto:Cooperstein.Sharon@epa.gov)>  
**Subject:** RE: information for Laura and OMB

Kathryn,

The TCE#1 comments came in at 10:55 this morning. I received notification at 11:02.

The Subpart W comments were due internally to OMB (from interagency reviewers) on 8/18. I will check with the program to see if we've received anything.

---

**From:** Boyle, Kathryn  
**Sent:** Tuesday, August 23, 2016 2:00 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** information for Laura and OMB  
**Importance:** High

Ann –

A couple of questions came up on your rules at the pre-brief for the OMB call.

For the Uranium NESHAPs Rule, the interagency comments were due on 8/18. Did the comments come in and did OMB send the comments to EPA?

For the TCE#1 rule, the interagency comments were due yesterday. Same question, did the comments come in and did OMB send the comments to EPA?

If you could get this information to me before the call with OMB at 4:00, that would be great.

Thanks

Kathryn

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Kathryn Boyle  
Policy and Regulatory Analysis Division  
Office of Policy  
Environmental Protection Agency  
202.564.8194  
[boyle.kathryn@epa.gov](mailto:boyle.kathryn@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OMB call  
**Date:** Tuesday, January 03, 2017 12:11:04 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:19 AM  
**To:** Collections.SubW  
**Subject:** FW: OMB call

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**From:** Johnson, Ann  
**Sent:** Thursday, August 25, 2016 8:56 AM  
**To:** Boyle, Kathryn <Boyle.Kathryn@epa.gov>  
**Cc:** Cooperstein, Sharon <Cooperstein.Sharon@epa.gov>  
**Subject:** RE: OMB call

Kathryn,

Re: TCE #1 – Aerosol degreasers and spot cleaning

>As you know, we received interagency comments from OMB. EPA responses have not yet been sent to OMB. (This morning OCSPP provided draft responses for internal EPA review.)

Meetings scheduled:

**Subject:** EO 12866 Review of TCE #1 NPRM - Interagency comments (OMB and DOJ)

**When:** Wednesday, August 31, 2016 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** DCRoomEast3156/DC-EPA-EAST-OCSP

**Subject:** EO 12866 Review of TCE #1 NPRM - DOD/Interagency conference call

**When:** Thursday, September 01, 2016 9:00 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:** DCRoomEast3156/DC-EPA-EAST-OCSP

OMB advises that DOL asked to participate in the discussion as well. Not surprising as Jim Jones planned to give OSHA's David Michaels a heads-up.

Re: Subpart W.

>The workgroup chair has not alerted me to any new activity.

Meetings scheduled:

**Subject:** E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

**When:** Tuesday, September 06, 2016 2:00 PM-2:30 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** 1800 G Street, NW, 9th Floor - Conference Room 1

This meeting was requested by Aaron Mintzes, Earthworks.

HRS (not yet at OMB)

Meetings scheduled:

**Subject:** OMB Briefing on Addition of SSI to HRS (2050-AG67)

**When:** Tuesday, September 06, 2016 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** 866-299-3188; 202-566-1911

EPA will provide a briefing on the draft final rule Addition of a Subsurface Intrusion Component to the Hazard Ranking System. Materials to follow.

The listed meetings should all be on the ADP calendar.

---

**From:** Boyle, Kathryn

**Sent:** Thursday, August 25, 2016 8:41 AM

**To:** OP-ORPM-PRAD <[OPORPMPRAD@epa.gov](mailto:OPORPMPRAD@epa.gov)>

**Subject:** OMB call

Hi everyone – The OMB call that usually happens on Tuesday, didn't happen on Tuesday. The call is likely to be rescheduled to late today or even Friday. That means that the information from last week that all of your supplied is dated.

If you have a rule at OMB, and OMB passed comments back to us, or the program responded to OMBs comments, please send me the information. That would be really helpful.

Thanks!!!

---

Kathryn Boyle  
Policy and Regulatory Analysis Division  
Office of Policy  
Environmental Protection Agency  
202.564.8194  
[boyle.kathryn@epa.gov](mailto:boyle.kathryn@epa.gov)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: NESHAPs rule at OMB  
**Date:** Tuesday, January 03, 2017 12:10:24 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:20 AM  
**To:** Collections.SubW  
**Subject:** FW: NESHAPs rule at OMB

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 7:06 AM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Subject:** RE: NESHAPs rule at OMB

I assume you mean the Subpart W rule? Aaron Szabo.

---

**From:** Boyle, Kathryn  
**Sent:** Wednesday, August 31, 2016 10:09 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** NESHAPs rule at OMB

Ann – who is your OMB desk officer for this rule?

---

Kathryn Boyle  
Policy and Regulatory Analysis Division  
Office of Policy  
Environmental Protection Agency  
202.564.8194  
[boyle.kathryn@epa.gov](mailto:boyle.kathryn@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Leave and Telework today  
**Date:** Tuesday, January 03, 2017 12:10:08 PM

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---

**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:21 AM  
**To:** Collections.SubW  
**Subject:** FW: Leave and Telework today

---

**From:** Johnson, Ann  
**Sent:** Tuesday, September 06, 2016 6:50 AM  
**To:** Corrales, Mark <Corrales.Mark@epa.gov>  
**Cc:** Boyle, Kathryn <Boyle.Kathryn@epa.gov>; Cooperstein, Sharon <Cooperstein.Sharon@epa.gov>; Nickerson, William <Nickerson.William@epa.gov>  
**Subject:** Leave and Telework today

Mark,

I had planned to take leave today (first day of school).

Because I have two OMB meetings (HRS - 1 hour and Subpart W- 0.5 hour) that I need to cover, I am going to telework part of the day. While I'm at it, I also am going to take an hour to see if I can come up with some changes to the dental amalgam reg text.

Let me know if you have any concerns.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Please note that I have just updated my OMB updates.  
**Date:** Tuesday, January 03, 2017 12:09:00 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:21 AM  
**To:** Collections.SubW  
**Subject:** FW: Please note that I have just updated my OMB updates.

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:12 AM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** RE: Please note that I have just updated my OMB updates.

I have not seen anything, but will check in with the workgroup chair again today. I also will revise the OMB update to indicate that we have not yet received comments. As I noted previously, this is the date when the interagency comments were due to OMB, not the date when OMB agreed to send them to us. OMB may still be compiling the comments or may not have even started compiling them.

---

**From:** Boyle, Kathryn  
**Sent:** Monday, September 12, 2016 10:06 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Please note that I have just updated my OMB updates.

Hi Ann – Question for you about: **NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)**

Thanks for the information about the meeting with the environmental groups – I will include a sentence summary of that in the materials that we use. I was wondering about the comments from OMB – the note that I have says they were due on 8/18 but not yet sent to EPA as of 8/23. Did OMB send to us, and if so, is program working to respond?

Thanks

Kathryn

---

Kathryn Boyle  
Policy and Regulatory Analysis Division  
Office of Policy  
Environmental Protection Agency  
202.564.8194  
[boyle.kathryn@epa.gov](mailto:boyle.kathryn@epa.gov)

---

**From:** Johnson, Ann

**Sent:** Monday, September 12, 2016 9:33 AM

**To:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>

**Subject:** Please note that I have just updated my OMB updates.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Uranium Mill Tailings  
**Date:** Tuesday, January 03, 2017 12:08:46 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:23 AM  
**To:** Collections.SubW  
**Subject:** FW: Uranium Mill Tailings

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**From:** Pritchard, Eileen  
**Sent:** Thursday, July 07, 2016 9:23 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Thanks. I will put in on as a possibility.

---

**From:** Johnson, Ann  
**Sent:** Thursday, July 07, 2016 9:22 AM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** RE: Uranium Mill Tailings

Eileen,

I just got off the phone with the workgroup chair.

Bottom line: It is possible that it will come to OP for OMB next week.

OAR had sent it to Janet for review a while ago. Janet gave them comments. They hope to get a revision back to Janet tomorrow. Janet did not request any major changes to the rule, so they think she will complete her second look quickly. Assuming that Janet can review it by the beginning of next week and that OAR can process it quickly, it could come to us some time later in the week. This sounds ambitious. The workgroup chair told me he would send me the materials he sends up to Janet (tomorrow).

Ann

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, July 07, 2016 8:55 AM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Subject:** RE: Uranium Mill Tailings

Thanks. Am doing the NOTES FOR LAURA and need to know if I should put it on as a possibility to move to OMB next week.

---

**From:** Johnson, Ann

**Sent:** Thursday, July 07, 2016 8:53 AM

**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>

**Subject:** RE: Uranium Mill Tailings

Very good question. I was going to contact them today. (They promised to let me know when it moved at all, but it's been too long.)

---

**From:** Pritchard, Eileen

**Sent:** Thursday, July 07, 2016 8:51 AM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Subject:** FW: Uranium Mill Tailings

Do we think this one will come to us next week? I doubt it, but defer to you.

---

**From:** Johnson, Ann

**Sent:** Thursday, June 30, 2016 4:04 PM

**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>

**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>

**Subject:** RE: Uranium Mill Tailings

Eileen,

Sorry. I could have let you know the status. I spoke with the workgroup rep last week. He gave me the same information. He agreed to keep me informed of the status (when it goes to his management, etc.). I will keep you all in the loop.

Ann

---

**From:** Pritchard, Eileen

**Sent:** Thursday, June 30, 2016 3:54 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Cc:** Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>

**Subject:** FW: Uranium Mill Tailings

FYI.....I asked Ray what was going on with this one.

---

**From:** Lee, Raymond  
**Sent:** Thursday, June 30, 2016 3:42 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Subject:** Re: Uranium Mill Tailings

Hi Eileen!

Long time indeed! I'm out of the office today and the rest of this week, but wanted to give you an update...

I gave this info to Carissa earlier for the ADP meeting, but the Subpart W rule did go to OAR in early June. Janet gave us back some comments that we are now addressing in ORIA. Some of them have legal implications so we're having to work with OGC to make sure everything is kosher. We don't have a firm timetable of when we will get the revised package back to her, but we're thinking it will be in the next week or two.

Hope this helps!

Thanks,

Ray

---

**From:** Pritchard, Eileen  
**Sent:** Thursday, June 30, 2016 8:14:01 AM  
**To:** Lee, Raymond  
**Subject:** Uranium Mill Tailings

Ray, long time without seeing you. Hope you are well. Was wondering if you could give me a more recent update on plans for sending this rule to OMB.

**Final: NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W) (SAN 5281; A. Johnson)**

Planned to send to OMB on 6/22/16 (according to April meeting).

In OAR/IO now.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: NESHAP Subpart W 1-pager  
**Date:** Tuesday, January 03, 2017 12:08:24 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: NESHAP Subpart W 1-pager

---

**From:** Corrales, Mark  
**Sent:** Wednesday, July 27, 2016 10:41 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** NESHAP Subpart W 1-pager

Hi Ann,

I just had two comments on the mill tailings Review Summary:

- "EPA is not require to" should say "...required..." The Review Summary is locked (you have the document open for editing right now?) so I can't fix the typo myself.
- If there is a total cost per year nationwide, let's include that. The total cost is not essential but if they already have the number we should put it in.

Thanks,  
Mark



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)")  
**Date:** Tuesday, January 03, 2017 12:08:09 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:28 AM  
**To:** Collections.SubW  
**Subject:** FW: OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

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**From:** Mark Corrales [<mailto:Corrales.Mark@epamail.epa.gov>]  
**Sent:** Wednesday, July 27, 2016 1:13 PM  
**To:** Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Cc:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Curry, Bridgid <[Curry.Bridgid@epa.gov](mailto:Curry.Bridgid@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** OP Policy Review - PRAD Division Director Approval (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Approval for OMB Transmittal: Final - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)'

This Policy Review is ready for ORPM Office Director Approval.

Link to Policy Review Document-> 

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OP Policy Review - Statute Summary Completed (SAN 5281 - Final / OMB Review / Review #1 / OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)")  
**Date:** Tuesday, January 03, 2017 12:07:25 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:31 AM  
**To:** Collections.SubW  
**Subject:** FW: OP Policy Review - Statute Summary Completed (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

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**From:** Pritchard, Eileen  
**Sent:** Thursday, July 28, 2016 1:51 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: OP Policy Review - Statute Summary Completed (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

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**From:** Caryn Muellerleile [<mailto:Muellerleile.Caryn@epamail.epa.gov>]  
**Sent:** Thursday, July 28, 2016 12:26 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Cc:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Subject:** OP Policy Review - Statute Summary Completed (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

A Statute Summary has been completed for SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)'.



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OP Policy Review - ORPM Office Director Approval Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)")  
**Date:** Tuesday, January 03, 2017 12:07:08 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:31 AM  
**To:** Collections.SubW  
**Subject:** FW: OP Policy Review - ORPM Office Director Approval Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

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**From:** William Nickerson [mailto:[Nickerson.William@epamail.epa.gov](mailto:Nickerson.William@epamail.epa.gov)]  
**Sent:** Thursday, July 28, 2016 2:11 PM  
**To:** Vaught, Laura <[Vaught.Laura@epa.gov](mailto:Vaught.Laura@epa.gov)>  
**Cc:** Rennert, Kevin <[Rennert.Kevin@epa.gov](mailto:Rennert.Kevin@epa.gov)>; Kenny, Shannon <[Kenny.Shannon@epa.gov](mailto:Kenny.Shannon@epa.gov)>; Kime, Robin <[Kime.Robin@epa.gov](mailto:Kime.Robin@epa.gov)>; Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Curry, Bridgid <[Curry.Bridgid@epa.gov](mailto:Curry.Bridgid@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** OP Policy Review - ORPM Office Director Approval Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Approval for OMB Transmittal: Final - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)'

This Policy Review is ready for OP Associate Administrator Approval.

Link to Policy Review Document-> 

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OP Policy Review - OP Associate Administrator Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)")  
**Date:** Tuesday, January 03, 2017 12:06:38 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 9:31 AM  
**To:** Collections.SubW  
**Subject:** FW: OP Policy Review - OP Associate Administrator Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

**From:** Laura Vaught [mailto:[Vaught.Laura@epamail.epa.gov](mailto:Vaught.Laura@epamail.epa.gov)]  
**Sent:** Thursday, July 28, 2016 2:41 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>  
**Cc:** Rennert, Kevin <[Rennert.Kevin@epa.gov](mailto:Rennert.Kevin@epa.gov)>; Nickerson, William <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Curry, Bridgid <[Curry.Bridgid@epa.gov](mailto:Curry.Bridgid@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Kime, Robin <[Kime.Robin@epa.gov](mailto:Kime.Robin@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>  
**Subject:** OP Policy Review - OP Associate Administrator Notification (SAN 5281 - Final / OMB Review / Review #1 / OAR - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)')

Approval for OMB Transmittal: Final - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)'

OP Approval completed.

Link to Policy Review Document-> 

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revisions to Subpart W  
**Date:** Tuesday, January 03, 2017 12:06:18 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 1:28 PM  
**To:** Collections.SubW  
**Subject:** FW: Revisions to Subpart W

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**From:** Johnson, Ann  
**Sent:** Friday, July 08, 2016 4:37 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Sschultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revisions to Subpart W

Thanks, Dan.

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 08, 2016 4:37 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: Revisions to Subpart W

Emily and Ann:

For your reading pleasure. Thanks.

Dan

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 08, 2016 4:26 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Subject:** Revisions to Subpart W

Carissa:

Attached are three documents responding to Janet's comments on the Subpart W final rule. They are 1) a redline-strikeout version of the rule and preamble; 2) a clean version (dated July 8); and 3) a table showing how we considered each comment, with annotations providing additional detail. I will have to look through this again to see if any formatting issues came up when creating the clean

version, and may have a few minor changes, but nothing significant.

I guess this may be too late to get to Janet today, as I understood she would be leaving around 2:45. Please let me know if you need anything else. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: RECEIVED in OP for Approval for OMB - "NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)" (5281)  
**Date:** Tuesday, January 03, 2017 12:06:00 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 1:29 PM  
**To:** Collections.SubW  
**Subject:** FW: RECEIVED in OP for Approval for OMB - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)' (5281)

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**From:** Johnson, Ann  
**Sent:** Tuesday, July 19, 2016 3:07 PM  
**To:** Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>  
**Subject:** RE: RECEIVED in OP for Approval for OMB - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)' (5281)

Everyone gets them confused!

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**From:** Muellerleile, Caryn  
**Sent:** Tuesday, July 19, 2016 2:27 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: RECEIVED in OP for Approval for OMB - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)' (5281)

So there was some confusion on OIRA's part on which rule is currently in play: Vlad will not be reviewing Subpart W, but instead the Part 192 rule, which I understand will come this way in a month or so. Vlad will still want the briefing on that rule (in advance of interagency review).

For Subpart W, Aaron Szabo will be the OIRA reviewer and he does not need an advance briefing.

I will work with whomever it is appropriate on the Part 192 rule when the timing is appropriate.

Thanks all!

Caryn

Caryn Muellerleile  
Regulatory Management Division  
Office of Policy  
US Environmental Protection Agency  
1200 Pennsylvania Ave NW (1803A)  
Washington, DC 20460  
(202) 564-2855  
[muellerleile.caryn@epa.gov](mailto:muellerleile.caryn@epa.gov)

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**From:** Muellerleile, Caryn  
**Sent:** Monday, July 18, 2016 1:53 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: RECEIVED in OP for Approval for OMB - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)' (5281)

Greetings all:

Vlad Dorjets, from OMB's Office of Information & Regulatory Affairs, has recently been assigned review of ORIA activity from EPA. He has requested a background briefing on the subject rule before we transmit the final formally into interagency review under Executive Order 12866.

I plan to review your calendars and set up a 45-60 minute teleconference with Vlad (and any counterparts he requests) for this week or next. I spoke to Dan and I do not believe you need to do a great deal of preparation for this briefing, but mostly be prepared to describe the statutory and regulatory background, as well as some informational basics about the rule proposal that published in May 2014.

Please let me know if you have any questions or concerns. Otherwise, stay tuned for a calendar invitation.

Caryn Muellerleile  
Regulatory Management Division  
Office of Policy  
US Environmental Protection Agency  
1200 Pennsylvania Ave NW (1803A)  
Washington, DC 20460



(202) 564-2855

[muellerleile.caryn@epa.gov](mailto:muellerleile.caryn@epa.gov)

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**From:** Muellerleile, Caryn

**Sent:** Tuesday, July 12, 2016 9:41 AM

**To:**

**Subject:** RECEIVED in OP for Approval for OMB - 'NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)' (5281)

Today, OP received OAR's **NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)** (5281). This tier 3 Final is in OP for approval to transmit to OMB for interagency review. This is a Standard review. ADP Tracker has been updated.

Caryn Muellerleile

Regulatory Management Division

Office of Policy

US Environmental Protection Agency

1200 Pennsylvania Ave NW (1803A)

Washington, DC 20460

(202) 564-2855

[muellerleile.caryn@epa.gov](mailto:muellerleile.caryn@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Quick call on Monday  
**Date:** Tuesday, January 03, 2017 12:05:44 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 1:29 PM  
**To:** Collections.SubW  
**Subject:** FW: Quick call on Monday

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**From:** Johnson, Ann  
**Sent:** Friday, July 22, 2016 4:53 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Quick call on Monday

Thanks.

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 22, 2016 4:51 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Quick call on Monday

I have a meeting at 10, but am otherwise available.

---

**From:** Johnson, Ann  
**Sent:** Friday, July 22, 2016 4:05 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Quick call on Monday

Hi Dan,

I have a question about Subpart W. I'll try to get in touch with you on Monday. I'll be calling from 703-533-1256.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Draft BID/EIA for Subpart W  
**Date:** Tuesday, January 03, 2017 12:05:30 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 1:29 PM  
**To:** Collections.SubW  
**Subject:** FW: Draft BID/EIA for Subpart W

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**From:** Johnson, Ann  
**Sent:** Tuesday, June 21, 2016 10:04 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Draft BID/EIA for Subpart W

Thanks. Let's go ahead and check in.

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, June 21, 2016 10:00 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** Draft BID/EIA for Subpart W

Also left you a voice mail.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Draft Preamble/Rule and Draft BID/EIA for Review (Message 1 of 2)  
**Date:** Tuesday, January 03, 2017 12:05:14 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 1:29 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Draft Preamble/Rule and Draft BID/EIA for Review (Message 1 of 2)

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**From:** Johnson, Ann  
**Sent:** Wednesday, June 15, 2016 3:09 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Collections.SubW <[Collections.SubW@epa.gov](mailto:Collections.SubW@epa.gov)>  
**Subject:** RE: Subpart W Draft Preamble/Rule and Draft BID/EIA for Review (Message 1 of 2)

Hi Dan,

Is the BID/EIA from February still the most recent? Have you heard anything from your front office?

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revisions to Subpart W  
**Date:** Tuesday, January 03, 2017 12:04:44 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:50 PM  
**To:** Collections.SubW  
**Subject:** FW: Revisions to Subpart W

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**From:** Johnson, Ann  
**Sent:** Friday, July 08, 2016 4:37 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revisions to Subpart W

Thanks, Dan.

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 08, 2016 4:37 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: Revisions to Subpart W

Emily and Ann:

For your reading pleasure. Thanks.

Dan

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 08, 2016 4:26 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Subject:** Revisions to Subpart W

Carissa:

Attached are three documents responding to Janet's comments on the Subpart W final rule. They are 1) a redline-strikeout version of the rule and preamble; 2) a clean version (dated July 8); and 3) a table showing how we considered each comment, with annotations providing additional detail. I will have to look through this again to see if any formatting issues came up when creating the clean

version, and may have a few minor changes, but nothing significant.

I guess this may be too late to get to Janet today, as I understood she would be leaving around 2:45. Please let me know if you need anything else. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: July 11 Revision to Subpart W Final Rule  
**Date:** Tuesday, January 03, 2017 12:04:26 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:50 PM  
**To:** Collections.SubW  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

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**From:** Johnson, Ann  
**Sent:** Monday, July 11, 2016 12:06 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Thank you.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, July 11, 2016 11:35 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

FYI, Janet had some very minor comments on the version sent last week and we expect it to move to OP this week.

---

**From:** Cyran, Carissa  
**Sent:** Monday, July 11, 2016 11:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Good morning, Dan,

No, I will send this version electronically to Janet since we don't need hard copies, and have her sign the transmittal memo hopefully tonight.

Thank you!

Carissa

---

**From:** Schultheisz, Daniel

**Sent:** Monday, July 11, 2016 11:27 AM

**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

**Subject:** July 11 Revision to Subpart W Final Rule

Carissa:

Attached is a revised version of the rule/preamble incorporating Janet's comments over the weekend. Thanks for sending it on to her, and I appreciate her getting to it so quickly. In her note to Jon Edwards, she said "this should be ready to move to the next step." Is there anything else you need from me to make that happen? Thanks.

Dan



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.  
**Date:** Tuesday, January 03, 2017 12:03:49 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:50 PM  
**To:** Collections.SubW  
**Subject:** FW: SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.

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**From:** Johnson, Ann  
**Sent:** Monday, July 11, 2016 12:10 PM  
**To:** Pritchard, Eileen <[Pritchard.Eileen@epa.gov](mailto:Pritchard.Eileen@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>; Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>  
**Cc:** Nickerson, William ([Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)) <[Nickerson.William@epa.gov](mailto:Nickerson.William@epa.gov)>  
**Subject:** SAN 5281 - Subpart W, Uranium Mill Tailings coming to OP.

[OAR expects the Subpart W rule, SAN](#)

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, July 11, 2016 11:35 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

[FYI, Janet had some very minor comments on the version sent last week and we expect it to move to OP this week.](#)

---

**From:** Cyran, Carissa  
**Sent:** Monday, July 11, 2016 11:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Good morning, Dan,

No, I will send this version electronically to Janet since we don't need hard copies, and have her sign the transmittal memo hopefully tonight.

Thank you!

Carissa

---

**From:** Schultheisz, Daniel

**Sent:** Monday, July 11, 2016 11:27 AM

**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

**Subject:** July 11 Revision to Subpart W Final Rule

Carissa:

Attached is a revised version of the rule/preamble incorporating Janet's comments over the weekend. Thanks for sending it on to her, and I appreciate her getting to it so quickly. In her note to Jon Edwards, she said "this should be ready to move to the next step." Is there anything else you need from me to make that happen? Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Quick call on Monday  
**Date:** Tuesday, January 03, 2017 12:03:37 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:50 PM  
**To:** Collections.SubW  
**Subject:** FW: Quick call on Monday

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**From:** Johnson, Ann  
**Sent:** Friday, July 22, 2016 4:05 PM  
**To:** Daniel Schultheisz (Schultheisz.Daniel@epa.gov) <Schultheisz.Daniel@epa.gov>  
**Subject:** Quick call on Monday

Hi Dan,

I have a question about Subpart W. I'll try to get in touch with you on Monday. I'll be calling from 703-533-1256.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Quick call on Monday  
**Date:** Tuesday, January 03, 2017 12:03:19 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:50 PM  
**To:** Collections.SubW  
**Subject:** FW: Quick call on Monday

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**From:** Johnson, Ann  
**Sent:** Friday, July 22, 2016 4:53 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Quick call on Monday

Thanks.

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 22, 2016 4:51 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Quick call on Monday

I have a meeting at 10, but am otherwise available.

---

**From:** Johnson, Ann  
**Sent:** Friday, July 22, 2016 4:05 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Quick call on Monday

Hi Dan,

I have a question about Subpart W. I'll try to get in touch with you on Monday. I'll be calling from 703-533-1256.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings  
**Date:** Tuesday, January 03, 2017 12:03:06 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:52 PM  
**To:** Collections.SubW  
**Subject:** FW: Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings

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**From:** Johnson, Ann  
**Sent:** Friday, July 29, 2016 9:49 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings

Thanks for the heads up.

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, July 29, 2016 9:40 AM  
**To:** Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings

FYI, OMB has asked for an introductory briefing next week.

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**From:** Schultheisz, Daniel  
**Sent:** Friday, July 29, 2016 8:12 AM  
**To:** 'Szabo, Aaron' <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Subject:** RE: Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings

Aaron:

Thanks for getting in touch so quickly. It looks like Wednesday afternoon (after about 2:30) and Thursday afternoon will be best for a briefing to ensure that divisional management can attend (our Acting Office Director is on leave next week). Are you envisioning a teleconference, or would you like us to do an in-person briefing?

You should know that Reid Rosnick has retired, so I am the primary point of contact for the rule. For external stakeholder meetings, in addition to me, you should invite the following people:

Jonathan Edwards, Acting Director, ORIA ([edwards.jonathan@epa.gov](mailto:edwards.jonathan@epa.gov));  
Jacqueline Werner, Acting Director, Radiation Protection Division ([werner.jacqueline@epa.gov](mailto:werner.jacqueline@epa.gov));  
Alan Perrin, Deputy Director, RPD ([perrin.alan@epa.gov](mailto:perrin.alan@epa.gov));  
Tom Peake, Director, Center for Waste Management and Regulations ([peake.tom@epa.gov](mailto:peake.tom@epa.gov));  
Emily Seidman, Office of General Counsel ([seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)).

Please let me know which times work best for you. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

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**From:** Szabo, Aaron [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Thursday, July 28, 2016 5:15 PM  
**To:** [rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov); Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Szabo, Aaron <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Subject:** Introductory Briefing and EO 12866 Invitee List: NESHAP for Uranium Mill Tailings

Reid and Dan,

I am the lead for the EPA NPRM entitled, "National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review" (RIN 2060-AP26). Can you please provide some times and dates that EPA can provide an initial interagency briefing on this rule next week (preferably after Tuesday)? Also, please provide a list of EPA staff with their emails that should be invited to external stakeholder meetings under our EO 12866 procedures.

Thank you very much and please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:02:53 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:53 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Daniel Schultheisz (Schultheisz.Daniel@epa.gov) <Schultheisz.Daniel@epa.gov>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:02:39 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:53 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:14 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Thanks. That is what I had in my notes.

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.  
Ann



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:02:14 PM

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---

**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:53 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Hi Dan,

Anything sent to or received from OMB? I thought there were a few questions we were going to respond to.

Thanks.  
Ann

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

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**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
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**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to

them? I know there was an internal deadline.

Thanks.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:01:30 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:44 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

I'll look back, but I thought there was something about clarifying when NRC requirements kick in.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 3:43 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

If there were, I have lost track of them. Did you have something from the August 3 briefing? Thanks.

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Hi Dan,

Anything sent to or received from OMB? I thought there were a few questions we were going to respond to.

Thanks.  
Ann

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>

**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

---

**From:** Johnson, Ann

**Sent:** Tuesday, August 23, 2016 2:12 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:01:13 PM

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---

**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:55 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

This is my cryptic note:

Is there any delta between when stop adding to pile and time when have NRC closure plan? Is that possible under NRC reg?

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:44 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

I'll look back, but I thought there was something about clarifying when NRC requirements kick in.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 3:43 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

If there were, I have lost track of them. Did you have something from the August 3 briefing? Thanks.

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Hi Dan,

Anything sent to or received from OMB? I thought there were a few questions we were going to respond to.

Thanks.

Ann

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.

Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status  
**Date:** Tuesday, January 03, 2017 12:00:46 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: Status

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**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 4:19 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

As I wrote it down I began wondering about that.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 4:18 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

Ah. I think that was an NRC task, to provide some information on how long it takes to get a closure plan approved, when it needs to be approved, and when they are typically submitted.

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:55 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

This is my cryptic note:  
Is there any delta between when stop adding to pile and time when have NRC closure plan? Is that possible under NRC reg?

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:44 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

I'll look back, but I thought there was something about clarifying when NRC requirements kick in.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, September 01, 2016 3:43 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

If there were, I have lost track of them. Did you have something from the August 3 briefing? Thanks.

---

**From:** Johnson, Ann  
**Sent:** Thursday, September 01, 2016 3:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Status

Hi Dan,

Anything sent to or received from OMB? I thought there were a few questions we were going to respond to.

Thanks.  
Ann

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, August 23, 2016 2:13 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: Status

No, I have not heard anything. Comments were requested from reviewing agencies by last Thursday. I really didn't anticipate hearing until later this week, at the earliest. I will let you know. Thanks.

---

**From:** Johnson, Ann  
**Sent:** Tuesday, August 23, 2016 2:12 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Status

Hi Dan,

Has there been any communication with OMB? Comments from them or transmittal of responses to them? I know there was an internal deadline.

Thanks.  
Ann



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 12:00:30 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: News?

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:13 AM  
**To:** Daniel Schultheisz (Schultheisz.Daniel@epa.gov) <Schultheisz.Daniel@epa.gov>  
**Subject:** News?

Hi Dan,

Have you heard anything from OMB yet?

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 12:00:10 PM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: News?

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 11:13 AM  
**To:** Boyle, Kathryn <[Boyle.Kathryn@epa.gov](mailto:Boyle.Kathryn@epa.gov)>; Corrales, Mark <[Corrales.Mark@epa.gov](mailto:Corrales.Mark@epa.gov)>  
**Subject:** FW: News?

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, September 12, 2016 11:07 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: News?

No. I asked after the Earthworks meeting last Tuesday, and the response was that we should look for comments by the end of last week.

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:13 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** News?

Hi Dan,

Have you heard anything from OMB yet?

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: News?  
**Date:** Tuesday, January 03, 2017 11:59:53 AM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:54 PM  
**To:** Collections.SubW  
**Subject:** FW: News?

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 11:13 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: News?

Thanks.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, September 12, 2016 11:07 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** RE: News?

No. I asked after the Earthworks meeting last Tuesday, and the response was that we should look for comments by the end of last week.

---

**From:** Johnson, Ann  
**Sent:** Monday, September 12, 2016 10:13 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** News?

Hi Dan,

Have you heard anything from OMB yet?

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Interagency comments  
**Date:** Tuesday, January 03, 2017 11:59:42 AM

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**From:** Johnson, Ann  
**Sent:** Thursday, October 6, 2016 3:55 PM  
**To:** Collections.SubW  
**Subject:** FW: Interagency comments

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**From:** Johnson, Ann  
**Sent:** Monday, September 26, 2016 9:22 AM  
**To:** Daniel Schultheisz (Schultheisz.Daniel@epa.gov) <Schultheisz.Daniel@epa.gov>  
**Subject:** Interagency comments

Dan,

Do you have any idea when you plan to transmit the response to interagency comments? I know my management will ask me.

Thanks.  
Ann

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: 40 CFR 192 and Subpart W workgroups  
**Date:** Tuesday, January 03, 2017 11:59:28 AM

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**From:** Hooper, Charles A.  
**Sent:** Friday, October 7, 2016 3:00 PM  
**To:** Collections.SubW  
**Subject:** FW: 40 CFR 192 and Subpart W workgroups

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)

---

**From:** Hooper, Charles A.  
**Sent:** Tuesday, August 02, 2016 5:29 PM  
**To:** Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>  
**Subject:** RE: 40 CFR 192 and Subpart W workgroups

Sure.

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)

---

**From:** Eagles, Tom  
**Sent:** Tuesday, August 02, 2016 5:23 PM

**To:** Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>

**Subject:** RE: 40 CFR 192 and Subpart W workgroups

Thanks. Is it ok if I still include you when we send out the Rule-Effectiveness survey? It should only take about 10 minutes to respond. It would be helpful for us to get your views on your experience on the Part 61 workgroup.

---

**From:** Hooper, Charles A.

**Sent:** Tuesday, August 02, 2016 6:14 PM

**To:** Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>

**Cc:** Algoe-Eakin, Amy <[Algoe-Eakin.Amy@epa.gov](mailto:Algoe-Eakin.Amy@epa.gov)>

**Subject:** 40 CFR 192 and Subpart W workgroups

Tom,

As you mentioned in your voicemail; Bob Dye was involved in both workgroups but since he retired I've been pulled in more to assist our Superfund Division with a high-priority site. So, unfortunately we do not have anyone available for the workgroups in Region 7 at this time.

Thanks,

-Chuck

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: 40 CFR 192 and Subpart W workgroups  
**Date:** Tuesday, January 03, 2017 11:59:15 AM

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---

**From:** Hooper, Charles A.  
**Sent:** Friday, October 7, 2016 3:02 PM  
**To:** Collections.SubW  
**Subject:** FW: 40 CFR 192 and Subpart W workgroups

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)

---

**From:** Eagles, Tom  
**Sent:** Tuesday, August 02, 2016 5:31 PM  
**To:** Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>  
**Subject:** RE: 40 CFR 192 and Subpart W workgroups

Thanks! The survey should be coming out in a week or so via email from Betsy Shaw.

---

**From:** Hooper, Charles A.  
**Sent:** Tuesday, August 02, 2016 6:29 PM  
**To:** Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>  
**Subject:** RE: 40 CFR 192 and Subpart W workgroups

Sure.

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7

11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)

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**From:** Eagles, Tom  
**Sent:** Tuesday, August 02, 2016 5:23 PM  
**To:** Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>  
**Subject:** RE: 40 CFR 192 and Subpart W workgroups

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---

**From:** Hooper, Charles A.  
**Sent:** Tuesday, August 02, 2016 6:14 PM  
**To:** Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>  
**Cc:** Algoe-Eakin, Amy <[Algoe-Eakin.Amy@epa.gov](mailto:Algoe-Eakin.Amy@epa.gov)>  
**Subject:** 40 CFR 192 and Subpart W workgroups

Tom,  
As you mentioned in your voicemail; Bob Dye was involved in both workgroups but since he retired I've been pulled in more to assist our Superfund Division with a high-priority site. So, unfortunately we do not have anyone available for the workgroups in Region 7 at this time.

Thanks,  
-Chuck

Chuck Hooper, CHP  
Radiation Safety Officer  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219  
(913) 551-7271 office  
[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Discuss CDX option for Subpart W compliance reporting  
**Date:** Tuesday, January 03, 2017 11:58:56 AM

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**From:** Nesky, Anthony  
**Sent:** Tuesday, October 11, 2016 10:20 AM  
**To:** Collections.SubW  
**Subject:** FW: Discuss CDX option for Subpart W compliance reporting

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

-----Original Appointment-----

**From:** Nesky, Anthony  
**Sent:** Friday, September 02, 2016 5:46 PM  
**To:** Shogren, Angela  
**Subject:** Accepted: Discuss CDX option for Subpart W compliance reporting  
**When:** Tuesday, September 06, 2016 3:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1-866-299-3188 code 2023439761

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016  
**Date:** Tuesday, January 03, 2017 11:58:34 AM

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**From:** Nesky, Anthony  
**Sent:** Tuesday, October 11, 2016 10:24 AM  
**To:** Collections.SubW  
**Subject:** FW: 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

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**From:** SubpartW  
**Sent:** Thursday, September 29, 2016 7:22 PM  
**To:** SubpartW <[subpartW@epa.gov](mailto:subpartW@epa.gov)>  
**Subject:** 40 CFR PART 61, SUBPART W: Stakeholder Conference Call, October 6 2016

40 CFR PART 61, SUBPART W  
NATIONAL EMISSION STANDARDS FOR RADON EMISSIONS FROM OPERATING MILL TAILINGS

You are receiving this email because you subscribed to receive updates or otherwise participated in the rulemaking process for 40 CFR Part 61, Subpart W.

NEXT CONFERENCE CALL: OCTOBER 6, 2016

The next quarterly stakeholder conference call will occur on Thursday, October 6, 2016 at 11 AM EDT, 10am CDT, 9am MDT and 8am PDT. The call in number is 1-866-299-3188. You will be prompted for a conference code, which will be 2023439765. After entering the conference code press the # key and you will then be placed into the conference call.

STATUS OF THE PROPOSED RULEMAKING

After evaluating public comments on its proposed revisions to Subpart W, EPA has drafted a final regulation. EPA intends to issue a final regulation this year. In accordance with rulemaking procedures, EPA submitted the draft final regulation to the Office of Management and Budget (OMB) for interagency review. OMB may submit questions to which EPA would have to address before issuing a final rule.

For more information on the proposed revision of EPA Subpart W, see:

<https://www.epa.gov/radiation/subpart-w-rulemaking-activity>

If you no longer wish to receive these updates, please reply with the word UNSUBSCRIBE. You will then be deleted from the mailing list.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: The List Of Champions  
**Date:** Tuesday, January 03, 2017 11:58:13 AM

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**From:** Nesky, Anthony  
**Sent:** Tuesday, October 11, 2016 10:27 AM  
**To:** Collections.SubW  
**Subject:** FW: The List Of Champions

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

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**From:** Shogren, Angela  
**Sent:** Thursday, September 29, 2016 8:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** White, Rick <[White.Rick@epa.gov](mailto:White.Rick@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** FW: The List Of Champions

Dan,

It sounds like the proposal for the Subpart W compliance reporting tool may not get obligated until early October – with our time crunch (end of calendar year), should we try to get this project listed as “High Priority”? It may not matter in the long run – sounds like it’s the difference of only a few days.

**Angela Shogren** | Public Affairs Specialist | U.S. Environmental Protection Agency | Tel 202 343 9761 | [shogren.angela@epa.gov](mailto:shogren.angela@epa.gov)

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**From:** Mitchell, Greg  
**Sent:** Wednesday, September 28, 2016 3:24 PM  
**To:** Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
**Subject:** RE: The List Of Champions

I received the ROM last night. I know you’ve been trying to get the PR in possibly with expiring funds, but it looks like the backlog of requests is so long that it never had a chance. Apparently now unless it is on the High priority list anything obligated will not get approved until after 10/1.

I have several other customers in the same boat...

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**From:** Mashayekhi, Bijan

**Sent:** Wednesday, September 28, 2016 2:56 PM

**To:** Blake-Coleman, Wendy <[Blake-Coleman.Wendy@epa.gov](mailto:Blake-Coleman.Wendy@epa.gov)>; Chaudet, Roy <[Chaudet.Roy@EPA.GOV](mailto:Chaudet.Roy@EPA.GOV)>; Chiu, Ann <[Chiu.Ann@epa.gov](mailto:Chiu.Ann@epa.gov)>; Christian, Scott <[Christian.Scott@epa.gov](mailto:Christian.Scott@epa.gov)>; Clark, Chris <[Clark.Chris@epa.gov](mailto:Clark.Chris@epa.gov)>; Crawford, Tim <[Crawford.Tim@epa.gov](mailto:Crawford.Tim@epa.gov)>; Dalcher, Debra <[dalcher.debra@epa.gov](mailto:dalcher.debra@epa.gov)>; Dorsey, Towana <[Dorsey.Towana@epa.gov](mailto:Dorsey.Towana@epa.gov)>; Edmonds, Marc <[Edmonds.Marc@epa.gov](mailto:Edmonds.Marc@epa.gov)>; Freeman, Charles <[Freeman.charles@epa.gov](mailto:Freeman.charles@epa.gov)>; Furr, Lori <[Furr.Lori@epa.gov](mailto:Furr.Lori@epa.gov)>; Galindo, Lico <[Galindo.Lico@epa.gov](mailto:Galindo.Lico@epa.gov)>; Gerardin, Margaret <[Gerardin.Margaret@epa.gov](mailto:Gerardin.Margaret@epa.gov)>; Gorder, Chris <[Gorder.Chris@epa.gov](mailto:Gorder.Chris@epa.gov)>; Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>; Hood, Lynne <[Hood.Lynne@epa.gov](mailto:Hood.Lynne@epa.gov)>; Howard, Roger <[Howard.Roger@epa.gov](mailto:Howard.Roger@epa.gov)>; Jackson, Judy <[Jackson.Judy@epa.gov](mailto:Jackson.Judy@epa.gov)>; Jacobs, Terrie <[Jacobs.Terrie@epa.gov](mailto:Jacobs.Terrie@epa.gov)>; Jones, Lauren W. <[Jones.LaurenW@epa.gov](mailto:Jones.LaurenW@epa.gov)>; Kelly, Matthew <[Kelly.Matthew@epa.gov](mailto:Kelly.Matthew@epa.gov)>; Klewin, Kenneth <[klewin.kenneth@epa.gov](mailto:klewin.kenneth@epa.gov)>; Knipschild, Shane <[Knipschild.Shane@epa.gov](mailto:Knipschild.Shane@epa.gov)>; Kramer, Bill <[Kramer.Bill@epa.gov](mailto:Kramer.Bill@epa.gov)>; Mitchell, Greg <[Mitchell.Greg@epa.gov](mailto:Mitchell.Greg@epa.gov)>; Moore, Katrail <[Moore.Katrail@epa.gov](mailto:Moore.Katrail@epa.gov)>; Patel, Ketan <[Patel.Ketan@epa.gov](mailto:Patel.Ketan@epa.gov)>; Phelps, Lara <[Phelps.Lara@epa.gov](mailto:Phelps.Lara@epa.gov)>; Reynolds, Salena <[Reynolds.Salena@epa.gov](mailto:Reynolds.Salena@epa.gov)>; Ross, Jon <[Ross.Jon@epa.gov](mailto:Ross.Jon@epa.gov)>; Stewart, Cathleen <[Stewart.Cathy@epa.gov](mailto:Stewart.Cathy@epa.gov)>; Teitelbaum, Daniel <[Teitelbaum.daniel@epa.gov](mailto:Teitelbaum.daniel@epa.gov)>; White, Dominique <[White.Dominique@epa.gov](mailto:White.Dominique@epa.gov)>; Wright, Robert <[Wright.Robert@epa.gov](mailto:Wright.Robert@epa.gov)>

**Subject:** The List Of Champions

Hi all,

Once again, please let your CORs know that unless their PR is placed on the high priority list, their PR will NOT be processed by this Friday, 09/30. If they want to put their PR on the priority list, they must speak to their OAM champion. I will let you disseminate this information to all the program

Thanks!

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPSC  
(202) 564-0366

Here's the link and then on that page, they can find the list of champions.

<http://oamintra.epa.gov/?q=node/769>

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**From:** Ventura, Marisol  
**Sent:** Wednesday, September 28, 2016 2:47 PM  
**To:** Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>; Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>;  
Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** RE: CDX Task Order

Here's the link and then on that page, they can find the list of champions.

<http://oamintra.epa.gov/?q=node/769>

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPS  
(202) 564-0366

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**From:** Hart, Michael  
**Sent:** Wednesday, September 28, 2016 2:30 PM  
**To:** Ventura, Marisol <[Ventura.Marisol@epa.gov](mailto:Ventura.Marisol@epa.gov)>; Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>;  
Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** RE: CDX Task Order, PR-OECA-16-00343 \$130,237.40.

Thanks Marisol

Who are the OAM champions across the agency (so we can point our customers to them)?

thanks again, mike

Michael Hart, Chief  
Information Exchange Solutions Branch  
U.S. Environmental Protection Agency  
1301 Constitution Avenue, NW (2823T)  
Washington, DC 20460  
(202) 566-1696

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**From:** Ventura, Marisol  
**Sent:** Wednesday, September 28, 2016 1:14 PM  
**To:** Mashayekhi, Bijan <[Mashayekhi.Bijan@epa.gov](mailto:Mashayekhi.Bijan@epa.gov)>; Rivera, Sandra <[Rivera.Sandra@epa.gov](mailto:Rivera.Sandra@epa.gov)>;  
Hart, Michael <[Hart.Michael@epa.gov](mailto:Hart.Michael@epa.gov)>  
**Cc:** Thunell, Kevin <[Thunell.Kevin@epa.gov](mailto:Thunell.Kevin@epa.gov)>  
**Subject:** FW: CDX Task Order, PR-OECA-16-00343 \$130,237.40.  
**Importance:** High

Hi all,

Once again, please let your CORs know that unless their PR is placed on the high priority list, their PR will NOT be processed by this Friday, 09/30. If they want to put their PR on the priority list, they must speak to their OAM champion. I will let you disseminate this information to all the program

Thanks!

Marisol Ventura  
U.S. EPA Contracting Officer  
OARM/OAM/HPOD/IRMPSC  
(202) 564-0366

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**Date:** Tuesday, January 03, 2017 11:57:59 AM

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**From:** Seidman, Emily  
**Sent:** Wednesday, October 12, 2016 9:40 AM  
**To:** Collections.SubW  
**Subject:** FW: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

-----Original Appointment-----

**From:** Seidman, Emily  
**Sent:** Wednesday, September 07, 2016 1:08 PM  
**To:** Echols, Mabel E. EOP/OMB  
**Subject:** Accepted: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**When:** Wednesday, September 28, 2016 2:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1800 G Street, NW, 9th floor - conference room 1



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**Date:** Tuesday, January 03, 2017 11:57:43 AM

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**From:** Seidman, Emily  
**Sent:** Wednesday, October 12, 2016 9:41 AM  
**To:** Collections.SubW  
**Subject:** FW: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

-----Original Appointment-----

**From:** Seidman, Emily  
**Sent:** Tuesday, September 06, 2016 3:01 PM  
**To:** Echols, Mabel E. EOP/OMB  
**Subject:** Accepted: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**When:** Friday, September 23, 2016 3:00 PM-3:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1800 G Street, NW, 9th floor - conference room 1

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**Date:** Tuesday, January 03, 2017 11:57:30 AM

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**From:** Seidman, Emily  
**Sent:** Wednesday, October 12, 2016 9:41 AM  
**To:** Collections.SubW  
**Subject:** FW: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

-----Original Appointment-----

**From:** Seidman, Emily  
**Sent:** Tuesday, August 30, 2016 10:23 AM  
**To:** Echols, Mabel  
**Subject:** Accepted: E.O. 12866 Meeting on National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review  
**When:** Tuesday, September 06, 2016 2:00 PM-2:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1800 G Street, NW, 9th floor - conference room 2

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Emails Related to Subpart W  
**Date:** Tuesday, January 03, 2017 11:57:06 AM  
**Attachments:** [FW Subpart W Email Collections RESPONSE TO OGC REQUESTED .msg](#)  
[FW Subpart W Email Collections.msg](#)  
[FWD Request for OSWER Workgroup Member for OAR Rule.msg](#)  
[RE Notes from 43116 Subpart W Workgroup Meeting.msg](#)  
[RE Notes from 43116 Subpart W Workgroup Meeting.msg](#)  
[RE Request for OSWER Workgroup Member for OAR Rule.msg](#)  
[RE Subpart W Email Collections RESPONSE TO OGC REQUESTED .msg](#)  
[Subpart W Email Collections RESPONSE TO OGC REQUESTED .msg](#)  
[Subpart W Email Collections.msg](#)

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**From:** Mills, Jason  
**Sent:** Wednesday, October 26, 2016 10:30 AM  
**To:** Collections.SubW  
**Subject:** Emails Related to Subpart W

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



**From:** [Schultheisz, Daniel](#)  
**To:** [Johnson, Ann](#); [Ayres, Sara](#); [Hooper, Charles A.](#); [Zhen, Davis](#); [Eagles, Tom](#); [Egidi, Philip](#); [Fairchild, Susan](#); [Brozowski, George](#); [Law, Donald](#); [Ginsberg, Marilyn](#); [Peake, Tom](#); [Rosencrantz, Ingrid](#); [Seidman, Emily](#); [Walker, Stuart](#); [Stahle, Susan](#); [Benner, Tim](#); [Mills, Jason](#); [Rodman, Sonja](#)  
**Subject:** FW: Subpart W Email Collections  
**Date:** Thursday, October 06, 2016 11:48:07 AM

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Workgroup members:

I have to correct my statement that you don't need to collect emails if I am on the distribution. The policy we have been following is that everyone should identify their emails and forward them to the collections database. I apologize for creating confusion and additional work, which you no doubt do not need (I certainly have enough of both). Looking ahead, please do this for October emails as well.

Thanks for your assistance.

Dan

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 04, 2016 1:48 PM  
**To:** Johnson, Ann <Johnson.Ann@epa.gov>; Ayres, Sara <Ayres.Sara@epa.gov>; Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Eagles, Tom <Eagles.Tom@epa.gov>; Egidi, Philip <Egidi.Philip@epa.gov>; Fairchild, Susan <Fairchild.Susan@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Law, Donald <Law.Donald@epa.gov>; Ginsberg, Marilyn <Ginsberg.Marilyn@epa.gov>; Peake, Tom <Peake.Tom@epa.gov>; Rosencrantz, Ingrid <Rosencrantz.Ingrid@epa.gov>; Seidman, Emily <seidman.emily@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Benner, Tim <Benner.Tim@epa.gov>; Mills, Jason <Mills.Jason@epa.gov>; Rodman, Sonja <Rodman.Sonja@epa.gov>  
**Subject:** Subpart W Email Collections

To the Subpart W workgroup:

I'm not sure if I've been in touch with the entire workgroup since the rule package went out for internal review in June, so I apologize for not updating you as the process moves forward. The rule went to OMB in late July, and we received comments a few weeks ago from the interagency review. Responses are in internal review. We may still be on target for late October clearance and publication later this year. I appreciate all your efforts to bring the rule this far.

As you probably recall, we are required to collect all emails related to this rulemaking as part of a settlement agreement. I have not sent out reminders the last few months, since most of you will not have had much reason to send emails related to Subpart W. But as we are moving (hopefully) toward the final rule, we need to make sure that we have made best efforts to collect such emails. I am asking that you check your emails from June through September, and forward any that are relevant to [collections.subw@epa.gov](mailto:collections.subw@epa.gov). If you have such emails and I was one of the recipients, or you forwarded them previously, they have already been collected and do not need to be sent again.

If you do not have anything, you don't need to respond.

Thanks in advance. I will let you know when the rule clears OMB.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Rodman, Sonja](#)  
**To:** [Mills, Jason](#)  
**Subject:** FW: Subpart W Email Collections: RESPONSE TO OGC REQUESTED  
**Date:** Thursday, October 06, 2016 3:58:42 PM

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Jason, In light of Dan's clarifying e-mail can you confirm that you have searched your e-mails and sent all responsive non-privileged documents relating to the Subpart W rulemaking to the e-mail collection box. The last thing any of us want to do is create more work for everyone, but we need to be 110% certain we have produced everything. Thank you. – Sonja

**From:** Mills, Jason  
**Sent:** Thursday, October 06, 2016 7:34 AM  
**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Subpart W Email Collections: RESPONSE TO OGC REQUESTED

Good Morning,

I have gone through my sent and received emails for the relevant timeframe and found that all of my correspondence on the matter were either sent by Dan or had him in the distribution list. According to his email, these have already been captured and do not need to be resent. I do not believe I need to take any further actions at this time. Please let me know if that is not the case.

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



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**From:** Rodman, Sonja  
**Sent:** Wednesday, October 05, 2016 5:30 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>  
**Subject:** Subpart W Email Collections: RESPONSE TO OGC REQUESTED

Subpart W Workgroup members: I would like to highlight the importance of Dan's e-mail below and

make one additional request. **I need each person on this e-mail chain (regardless of whether you have additional responsive documents) to send me an e-mail when you have completed your search for and forwarded all responsive documents to the Sub W collections e-mail account.**

I ask you to do this because as we near the end of this rulemaking process it is critical that absolutely all relevant non-privileged e-mails be posted to the website. The petitioner with whom we have a settlement agreement monitors the website closely. He recently identified a situation where an e-mail had inappropriately been sent to a personal e-mail address and we had to then ensure that the personal e-mail account involved had been appropriately searched for responsive documents. (If you identify any e-mails sent to personal e-mail addresses, please contact me and I will provide further instructions.) I will be calling the petitioners later this week or early next week to provide a status report and I will rely on your certifications to report the status of our efforts.

Thank you – Sonja

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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**From:** Schultheisz, Daniel

**Sent:** Tuesday, October 04, 2016 1:48 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** Subpart W Email Collections

To the Subpart W workgroup:

I'm not sure if I've been in touch with the entire workgroup since the rule package went out for internal review in June, so I apologize for not updating you as the process moves forward. The rule went to OMB in late July, and we received comments a few weeks ago from the interagency review. Responses are in internal review. We may still be on target for late October clearance and publication later this year. I appreciate all your efforts to bring the rule this far.

As you probably recall, we are required to collect all emails related to this rulemaking as part of a settlement agreement. I have not sent out reminders the last few months, since most of you will not have had much reason to send emails related to Subpart W. But as we are moving (hopefully) toward the final rule, we need to make sure that we have made best efforts to collect such emails. I am asking that you check your emails from June through September, and forward any that are relevant to [collections.subw@epa.gov](mailto:collections.subw@epa.gov). If you have such emails and I was one of the recipients, or you forwarded them previously, they have already been collected and do not need to be sent again. If you do not have anything, you don't need to respond.

Thanks in advance. I will let you know when the rule clears OMB.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349



**From:** [Mills, Jason](#)  
**To:** [Rosnick, Reid](#); [Schultheisz, Daniel](#)  
**Subject:** FWD: Request for OSWER Workgroup Member for OAR Rule  
**Date:** Tuesday, January 05, 2016 7:55:00 AM

---

Good Morning,

I was selected as ORCR's workgroup member for the NESHAP for Operating Uranium Mill Tailings – Amendments Rule. Gerain Cogliano gave me your names as the appropriate points of contact for this project. Are you aware of any reference materials I can sift through to get myself up to speed on the history and current status of this project so that I am not thrust completely in the deep end when things ramp up? Thanks!

[Jason Mills, P.E.](#)

[Phone: \(703\) 305-9091](#)

[Environmental Engineer](#)

[Economics and Risk Analysis Staff](#)

[Office of Resource Conservation and Recovery](#)

[United States Environmental Protection Agency](#)



---

**From:** Cogliano, Gerain  
**Sent:** Tuesday, December 15, 2015 2:42 PM  
**To:** Mills, Jason  
**Cc:** Huggins, Richard  
**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule  
I'm sorry, I thought I had responded but guess not.  
You should contact the WG chairs: Reid Rosnick, Dan Schultheisz

---

**From:** Mills, Jason  
**Sent:** Tuesday, December 15, 2015 2:20 PM  
**To:** Cogliano, Gerain  
**Cc:** Huggins, Richard  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to touch base again to see if you could either direct me to some of the background material for this project or a more appropriate point of contact in office of air. Thank you!

[Jason Mills, P.E.](#)

[Phone: \(703\) 305-9091](#)

[Environmental Engineer](#)

[Economics and Risk Analysis Staff](#)

[Office of Resource Conservation and Recovery](#)

[United States Environmental Protection Agency](#)



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**From:** Mills, Jason

**Sent:** Friday, November 06, 2015 8:24 AM

**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>

**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to follow up on this and Richard told me you would be the best person to contact. Are you aware of any reference materials I can sift through to get myself up to speed on the history and current status of this project so that I am not thrust completely in the deep end when things ramp up? Or is there someone else I should direct this question to? Thanks!

Jason Mills

Phone: (703) 305-9091

Environmental Engineer

Economics and Risk Analysis Staff

Office of Resource Conservation and Recovery

United States Environmental Protection Agency



---

**From:** Huggins, Richard

**Sent:** Wednesday, October 07, 2015 8:50 AM

**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>

**Cc:** ORCR IO <[ORCR\\_IO@epa.gov](mailto:ORCR_IO@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>

**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule

Jason Mills will be our rep.

Thanks

Sent from my iPhone

Richard Huggins Jr.

Special Assistant

Office of Resource Conservation and Recovery

U.S. Environmental Protection Agency

Desk: 703-308-0017 iPhone: 571-345-6855

On Oct 6, 2015, at 1:16 PM, Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)> wrote:

**OAR is asking for a replacement ORCR representative on the workgroup listed below. Stephen Hoffman was on the workgroup but he was not replaced upon his retirement. OAR is suggesting either:**

Jason Mills or

Ernie (Ernesto) Brown

**Let me know who should be representing OSWER. Thanks.  
NESHAP for Operating Uranium Mill Tailings – Amendments**

**Abstract:** NESHAP Subpart W protects human health and the environment by setting radon emission standards and work practices for operating uranium mill tailings impoundments. EPA is in the process of reviewing this standard. If necessary, the agency will revise the NESHAP requirements for radon emissions from operating uranium mill tailings.

**From:** [Mills, Jason](#)  
**To:** [Schultheisz, Daniel](#)  
**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting  
**Date:** Tuesday, April 26, 2016 9:57:00 AM

---

Thank you for providing me with the documents from the last meeting. Unfortunately, it is not feasible for me to review and provide comments by the end of this week.

Jason Mills, P.E.

Phone: (703) 305-9091

Environmental Engineer

Economics and Risk Analysis Staff

Office of Resource Conservation and Recovery

United States Environmental Protection Agency



---

**From:** Schultheisz, Daniel

**Sent:** Tuesday, April 26, 2016 9:38 AM

**To:** Johnson, Ann ; Ayres, Sara ; Hooper, Charles A. ; Zhen, Davis ; Eagles, Tom ; Egidi, Philip ; Fairchild, Susan ; Brozowski, George ; Law, Donald ; Ginsberg, Marilyn ; Peake, Tom ; Rosencrantz, Ingrid ; Seidman, Emily ; Walker, Stuart ; Stahle, Susan ; Benner, Tim ; Mills, Jason

**Subject:** Notes from 4/31/16 Subpart W Workgroup Meeting

Workgroup Members:

Notes from last Thursday's workgroup meeting are attached. Based on our discussion, some items are highlighted for workgroup consideration. Please let me know if you have questions, or if there is something missing or not as you remember it. Thanks.

Dan

**From:** [Mills, Jason](#)  
**To:** [Walker, Stuart](#)  
**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting  
**Date:** Tuesday, April 26, 2016 10:05:00 AM

---

Do you have availability towards the end of this week or sometime next week to talk though these materials?

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



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**From:** Schultheisz, Daniel

**Sent:** Tuesday, April 26, 2016 10:01 AM

**To:** Mills, Jason

**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

Whatever you can do. My fault for not looking closely enough at the distribution list. There will be another round, and I'll be glad to talk through the package and answer any questions you may have. I'm not aware of any specific issues that Steve Hoffman focused on. Thanks.

---

**From:** Mills, Jason

**Sent:** Tuesday, April 26, 2016 9:57 AM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

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Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



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**Sent:** Tuesday, April 26, 2016 9:38 AM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily

<[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan  
<[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>

**Subject:** Notes from 4/31/16 Subpart W Workgroup Meeting

Workgroup Members:

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Dan

**From:** [Mills, Jason](#)  
**To:** [Cogliano, Gerain](#)  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule  
**Date:** Tuesday, December 15, 2015 2:42:00 PM

---

Thank you!

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

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**Sent:** Tuesday, December 15, 2015 2:42 PM  
**To:** Mills, Jason  
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Jason Mills, P.E.  
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Environmental Engineer  
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Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



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Jason Mills

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Environmental Engineer

Economics and Risk Analysis Staff

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---

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**Sent:** Wednesday, October 07, 2015 8:50 AM

**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>

**Cc:** ORCR IO <[ORCR\\_IO@epa.gov](mailto:ORCR_IO@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>

**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule

Jason Mills will be our rep.

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Sent from my iPhone

Richard Huggins Jr.

Special Assistant

Office of Resource Conservation and Recovery

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Desk: 703-308-0017 iPhone: 571-345-6855

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**Let me know who should be representing OSWER. Thanks.  
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**From:** [Mills, Jason](#)  
**To:** [Rodman, Sonja](#)  
**Subject:** RE: Subpart W Email Collections: RESPONSE TO OGC REQUESTED  
**Date:** Thursday, October 06, 2016 7:33:00 AM  
**Attachments:** [image002.jpg](#)

---

Good Morning,

I have gone through my sent and received emails for the relevant timeframe and found that all of my correspondence on the matter were either sent by Dan or had him in the distribution list. According to his email, these have already been captured and do not need to be resent. I do not believe I need to take any further actions at this time. Please let me know if that is not the case.

Jason Mills, P.E.

Phone: (703) 305-9091

Environmental Engineer

Economics and Risk Analysis Staff

Office of Resource Conservation and Recovery

United States Environmental Protection Agency



---

**From:** Rodman, Sonja

**Sent:** Wednesday, October 05, 2016 5:30 PM

**To:** Schultheisz, Daniel ; Johnson, Ann ; Ayres, Sara ; Hooper, Charles A. ; Zhen, Davis ; Eagles, Tom ; Egidi, Philip ; Fairchild, Susan ; Brozowski, George ; Law, Donald ; Ginsberg, Marilyn ; Peake, Tom ; Rosencrantz, Ingrid ; Seidman, Emily ; Walker, Stuart ; Stahle, Susan ; Benner, Tim ; Mills, Jason

**Subject:** Subpart W Email Collections: RESPONSE TO OGC REQUESTED

Subpart W Workgroup members: I would like to highlight the importance of Dan's e-mail below and make one additional request. **I need each person on this e-mail chain (regardless of whether you have additional responsive documents) to send me an e-mail when you have completed your search for and forwarded all responsive documents to the Sub W collections e-mail account.**

I ask you to do this because as we near the end of this rulemaking process it is critical that absolutely all relevant non-privileged e-mails be posted to the website. The petitioner with whom we have a settlement agreement monitors the website closely. He recently identified a situation where an e-mail had inappropriately been sent to a personal e-mail address and we had to then ensure that the personal e-mail account involved had been appropriately searched for responsive documents. (If you identify any e-mails sent to personal e-mail addresses, please contact me and I will provide further instructions.) I will be calling the petitioners later this week or early next week to provide a status report and I will rely on your certifications to report the status of our efforts.

Thank you – Sonja

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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---



**From:** Schultheisz, Daniel

**Sent:** Tuesday, October 04, 2016 1:48 PM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

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To the Subpart W workgroup:

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Thanks in advance. I will let you know when the rule clears OMB.

Dan Schultheisz

U.S. Environmental Protection Agency

Office of Radiation and Indoor Air

Radiation Protection Division

(202) 343-9349

**From:** [Schultheisz, Daniel](#)  
**To:** [Johnson, Ann](#); [Ayres, Sara](#); [Hooper, Charles A.](#); [Zhen, Davis](#); [Eagles, Tom](#); [Egidi, Philip](#); [Fairchild, Susan](#); [Brozowski, George](#); [Law, Donald](#); [Ginsberg, Marilyn](#); [Peake, Tom](#); [Rosencrantz, Ingrid](#); [Seidman, Emily](#); [Walker, Stuart](#); [Stahle, Susan](#); [Benner, Tim](#); [Mills, Jason](#); [Rodman, Sonja](#)  
**Subject:** Subpart W Email Collections  
**Date:** Tuesday, October 04, 2016 1:48:26 PM

---

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U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
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(202) 343-9349

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**Subject:** Subpart W Email Collections: RESPONSE TO OGC REQUESTED  
**Date:** Wednesday, October 05, 2016 5:29:44 PM

---

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Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
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U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Some unsolicited advice  
**Date:** Tuesday, January 03, 2017 11:56:40 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:08 AM  
**To:** Collections.SubW  
**Subject:** FW: Some unsolicited advice

Collected by Tom Eagles.

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**From:** Eagles, Tom [mailto:Eagles.Tom@epa.gov]  
**Sent:** Wednesday, June 08, 2016 5:37 PM  
**To:** Rosencrantz, Ingrid <Rosencrantz.Ingrid@epa.gov>; Schultheisz, Daniel <Schultheisz.Daniel@epa.gov>  
**Subject:** Some unsolicited advice

Re The Subpart W rule and the Part 192 rule:

Both of your rules are part of the agency's Rule Effectiveness initiative. I'm writing to make a plea to put something in your Action Memos and Preambles that briefly describes what you did to address rule effectiveness. The agency will be looking to see how rule effectiveness was addressed, and if you have a good story to tell, the Action Memos and Preambles are great places to tell it to management.

(Dan -- I sent this to you because I just discovered Reid has retired. If you're not the lead for Subpart W, please pass this on to whomever is the lead.)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Need some info from you  
**Date:** Tuesday, January 03, 2017 11:56:20 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:08 AM  
**To:** Collections.SubW  
**Subject:** FW: Need some info from you

Collected by Tom Eagles.

---

**From:** Eagles, Tom [mailto:Eagles.Tom@epa.gov]  
**Sent:** Wednesday, June 17, 2015 10:14 AM  
**To:** Rosencrantz, Ingrid <Rosencrantz.Ingrid@epa.gov>  
**Cc:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Perrin, Alan <Perrin.Alan@epa.gov>; Rosnick, Reid <Rosnick.Reid@epa.gov>  
**Subject:** RE: Need some info from you

Thanks! The purpose of gathering these names is simply to help us figure out who has had rule-effectiveness training. Everybody who's on a workgroup is supposed to get that training. We think that most folks already have taken the training, but there may be a few that still need to take it.

One more favor to ask: Could you please add my name to your workgroup list? I won't be an actual participant, but being on the list will ensure that I receive materials that you distribute to the workgroup. Betsy has asked me to gather materials such as briefing slides, preambles, and action memos so we can stay abreast of the rule-effectiveness aspects of the rulemaking.

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**From:** Rosencrantz, Ingrid  
**Sent:** Wednesday, June 17, 2015 7:29 AM  
**To:** Eagles, Tom; Rosnick, Reid  
**Cc:** Edwards, Jonathan; Cherepy, Andrea; Perrin, Alan  
**Subject:** RE: Need some info from you

Attached is an update list of workgroup members. Please let me know if you need anything else.  
Thanks.  
Ingrid

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**From:** Eagles, Tom

**Sent:** Tuesday, June 16, 2015 6:00 PM  
**To:** Rosencrantz, Ingrid; Rosnick, Reid  
**Cc:** Edwards, Jonathan; Cherepy, Andrea; Perrin, Alan  
**Subject:** Need some info from you

To Ingrid Rosencrantz and Reid Rosnick: Could you each please email me a list of the workgroup members (both HQ and Regional) for the rulemakings shown below? These rules are part of the rule-effectiveness initiative, and I'm trying to help Betsy Shaw compile an accurate list of workgroup members for all the rules in that initiative. We've learned that ADP Tracker is often not up to date, so we're going direct to the source – i.e., you.

I put out a call to Ray Lee on this, but he's out for the week, so I'm going directly to the two of you. I need this info by this Friday if possible. Thanks in advance.

**Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings and Uranium In Situ Leaching Processing Facilities**

(40 CFR Part 192) – Revisions  
SAN 5319

**NESHAP for Radon Emissions from Operating Uranium Mill Tailings**

(40 CFR Part 61, Subpart W)  
- Amendments  
SAN 5281

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Need some info from you  
**Date:** Tuesday, January 03, 2017 11:55:58 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:09 AM  
**To:** Collections.SubW  
**Subject:** FW: Need some info from you

Collected by Tom Eagles.

---

**From:** Eagles, Tom [mailto:Eagles.Tom@epa.gov]  
**Sent:** Tuesday, June 16, 2015 6:00 PM  
**To:** Rosencrantz, Ingrid <Rosencrantz.Ingrid@epa.gov>; Rosnick, Reid <Rosnick.Reid@epa.gov>  
**Cc:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Perrin, Alan <Perrin.Alan@epa.gov>  
**Subject:** Need some info from you

To Ingrid Rosencrantz and Reid Rosnick: Could you each please email me a [list of the workgroup members](#) (both HQ and Regional) for the rulemakings shown below? These rules are part of the rule-effectiveness initiative, and I'm trying to help Betsy Shaw compile an accurate list of workgroup members for all the rules in that initiative. We've learned that ADP Tracker is often not up to date, so we're going direct to the source – i.e., you.

I put out a call to Ray Lee on this, but he's out for the week, so I'm going directly to the two of you. I need this info by this Friday if possible. Thanks in advance.

**Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings and Uranium In Situ Leaching Processing Facilities**

(40 CFR Part 192) – Revisions  
SAN 5319

**NESHAP for Radon Emissions from Operating Uranium Mill Tailings**

(40 CFR Part 61, Subpart W)  
- Amendments  
SAN 5281



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Need a little help on a rule-effectiveness question  
**Date:** Tuesday, January 03, 2017 11:55:40 AM

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:09 AM  
**To:** Collections.SubW  
**Subject:** FW: Need a little help on a rule-effectiveness question

Collected by Tom Eagles.

---

**From:** Eagles, Tom [mailto:Eagles.Tom@epa.gov]  
**Sent:** Tuesday, September 01, 2015 3:53 PM  
**To:** Rosnick, Reid <Rosnick.Reid@epa.gov>  
**Subject:** Need a little help on a rule-effectiveness question

To Reid Rosnick --

Hi there -- I'm helping Betsy Shaw keep track of the status of the rules that are part of the Rule-Effectiveness initiative. At this point, Betsy has asked me to check with workgroup chairs to see who are their Regional workgroup participants. The list shown below is who we think are the Regional members of your workgroup, but we'd like you to tell us whether the list is correct from your perspective. Could you please let me know which of these people you regard as actually on your workgroup? Of course, if there are any others not listed here, I need to know that as well. Thanks in advance for your help!

Tom Eagles

OAR/OAPPS

|                                                                                                                                                                                                                                                                         | Regional Workgroup Members                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>NESHAP for Radon Emissions from Operating Uranium Mill Tailings</b><br/><b>(40 CFR Part 61, Subpart W)</b></p> <p><b>- Amendments</b></p> <p>ORIA - SAN 5281</p> <p><i>Tier 2 – OMB Significant</i></p> <p>WG Chair: Reid Rosnick</p> <p>DD: Jonathan Edwards</p> | <p><b>R6</b> – George Brozowski</p> <p><b>R7</b> - Robert Dye (primary), Charles Hooper</p> <p><b>R8</b> – D.J. Law</p> <p><b>R10</b> – Davis Zhen</p> |

**From:** [Schultheisz, Daniel](#)  
**To:** [Collections.SubW](#)  
**Subject:** FW: Uranium Mill Trailings  
**Date:** Thursday, December 22, 2016 9:11:57 AM

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Collected by Susan Fairchild.

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**From:** Fairchild, Susan [mailto:Fairchild.Susan@epa.gov]  
**Sent:** Friday, July 10, 2015 9:56 AM  
**To:** Barnett, Keith <Barnett.Keith@epa.gov>  
**Subject:** RE: Uranium Mill Trailings

Its 'tailings', not 'trailings'.

Yes I know about it but I am not involved with this action.

Susan Fairchild  
Senior Environmental Scientist  
(919) 541-5167

USPS Address:  
OAQPS/SPPD/MMG  
Mail Code D 243-04  
Research Triangle Park, NC 27711

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**From:** Barnett, Keith  
**Sent:** Friday, July 10, 2015 9:51 AM  
**To:** Fairchild, Susan  
**Subject:** FW: Uranium Mill Trailings

Dear Susan:

Do you know anything about this?

Keith Barnett  
Minerals and Manufacturing Group Leader  
919-541-5605

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**From:** Eck, Janet  
**Sent:** Thursday, July 09, 2015 1:42 PM  
**To:** Barnett, Keith; French, Chuck; Jones, DonnaLee  
**Subject:** Uranium Mill Trailings

Does SPPD have any participation in this rulemaking? Thanks.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: sorry about today"s calls  
**Date:** Tuesday, January 03, 2017 11:55:05 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:12 AM  
**To:** Collections.SubW  
**Subject:** FW: sorry about today's calls

Collected by Susan Fairchild.

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**From:** Fairchild, Susan [mailto:[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)]  
**Sent:** Wednesday, August 10, 2016 4:12 PM  
**To:** Averback, Jonathan <[Averback.Jonathan@epa.gov](mailto:Averback.Jonathan@epa.gov)>  
**Subject:** RE: sorry about today's calls

We were able to go over the CAA 112 requirements and discuss also what was done for another part 61 NESHAP (Uranium), so it was for the best. Thanks,

Susan Fairchild  
Senior Environmental Scientist  
(919) 541-5167

USPS Address:  
OAQPS/SPPD/MMG  
Mail Code D 243-04  
Research Triangle Park, NC 27711

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**From:** Averback, Jonathan  
**Sent:** Wednesday, August 10, 2016 3:58 PM  
**To:** Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>  
**Subject:** sorry about today's calls

I got popped with an interagency report that we had to get comments in by COB, and there was an issue that had to get briefed up to the General Counsel for his input, so I was writing emails and forwarding documents from about 10:30 to about 4 today. Resolved, and ultimately we decided not to comment.

Jon Averback - Sr Attorney - EPA/OGC/ARLO - 202-564-1064

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: August 2015 Tiering Exercise  
**Date:** Tuesday, January 03, 2017 11:54:43 AM  
**Attachments:** [image001.png](#)

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:12 AM  
**To:** Collections.SubW  
**Subject:** FW: August 2015 Tiering Exercise

Collected by Susan Fairchild.

---

**From:** Fairchild, Susan [mailto:[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)]  
**Sent:** Friday, August 07, 2015 11:19 AM  
**To:** Barnett, Keith <[Barnett.Keith@epa.gov](mailto:Barnett.Keith@epa.gov)>  
**Subject:** RE: August 2015 Tiering Exercise

I would like to participate on this workgroup, but I read this (maybe incorrectly) to indicate that it is a notice of downtiering between proposal and final, and that although they will continue meeting with the WG, that the WG was full, and has an OAR rep.

Do you think they asking for participation from interested parties?

Susan Fairchild  
Senior Environmental Scientist  
(919) 541-5167

USPS Address:  
OAQPS/SPPD/MMG  
Mail Code D 243-04  
Research Triangle Park, NC 27711

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**From:** Barnett, Keith  
**Sent:** Friday, August 07, 2015 10:54 AM  
**To:** Fairchild, Susan  
**Subject:** FW: August 2015 Tiering Exercise

Susan:

Do you think you should participate in the Uranium Mill Tailings Workgroup?

Keith Barnett  
Minerals and Manufacturing Group Leader  
919-541-5605

---

**From:** Eck, Janet  
**Sent:** Friday, August 07, 2015 10:43 AM  
**To:** Barnett, Keith; Cozzie, David; Dunkins, Robin; French, Chuck; Lassiter, Penny; Schell, Bob  
**Cc:** Conner, Lisa; Culligan, Kevin; Fruh, Steve; Hackel, Angela; Lamason, Bill; McLamb, Marguerite; Pemberton, Wanda; Srivastava, Ravi; Steiner, Elyse; Thompson, Fred; Vasu, Amy; Wayland, Robertj  
**Subject:** FW: August 2015 Tiering Exercise

Please let me know by Monday, 8/17/15, the names of anyone interested in participating on the following work groups. Thanks.

---

**From:** Farrar, Wanda  
**Sent:** Friday, August 07, 2015 10:39 AM  
**To:** Arling, Jeremy; Brown, Kelly; Bunte, Laura; Jefferson, Catrice; Chappell, Regina; OConnor, Dennis; Eck, Janet; Edwards, Chebryll; Friedman, Kristina; Grogan-McCulloch, Lisa; Keating, Terry; Ketcham-Colwill, Jim; Krieger, Jackie; Kurlansky, Ellen; Lee, Raymond; Lemon, Mollie; Long, Pam; Henigin, Mary; Mazza, Carl; Mcquilkiln, Wendy; Scoville, Pat; Rush, Alan; Morgan, Ruthw; Shaw, Betsy; Russell, Sherry; Stewart, Lori; Eagles, Tom; Weinstock, Larry; Wilson, Holly; Wood, Anna  
**Subject:** August 2015 Tiering Exercise

Following you will find the actions being tiered for the month of August.

Please review the attached tiering forms to identify whether your office would like to participate. You should provide the title and SAN of the rule, as well as, the workgroup participant's name to me by Monday, August 17, 2015. Thanks.

OAD - SAN 5860: (Tier '3') Third Report to Congress: Highlights of the Diesel Emissions Reduction Act Program

Action Document Link->

**External Abstract:** This is the Third Report to Congress about the Diesel Emissions Reduction Act (DERA) program. This report is mandated by Congress as part of the legislation authorizing DERA and covers estimated and actual results from DERA funding. DERA funding covers clean diesel projects as part of the national competitive program, the state program, the ports funding program, and the rebate program. This Third Report to Congress covers actual results from the Recovery Act, FY 2009/2010, and FY 2011. This report also has estimated program results from FY 2012 and FY 2013.

*No Workgroup Specified*

OSWER - SAN 5862: (Tier '3') SPCC Amendments for Farms

Action Document Link->[📄](#)

**External Abstract:** In response to the Water Resources Reform and Development Act (WRRDA), the EPA is proposing revisions to its Oil Pollution Prevention Rule (specifically the Spill Prevention Control and Countermeasures (SPCC) rule). The WRRDA requires that the EPA, in consultation with the Secretary of Agriculture, promulgate a rule to adjust certain provisions of the SPCC rule. The EPA has completed a WRRDA-mandated study, in consultation with the US Department of Agriculture, and will use this study to inform the rulemaking process.

*No Workgroup Specified*

**New Tier Changes:**

OAR - SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)

Down Tier 2 to Tier 3

The original Tier 2 request came from the Office of Policy. The reason was that at the time of tiering we were uncertain between revising the existing rule using a new risk assessment (which was done for the original rule) or by using a GACT standard under section 112(d) of the Clean Air Act Amendments of 1990. At the time OP felt that using a risk assessment was a criteria for tier 2 placement as per the ADP guidance (see the Table on page 25). Since we moved to a GACT standard in lieu of a standard based on a risk assessment we no longer meet the criteria to keep the rulemaking at tier 2. Additionally, no objections were raised at a workgroup meeting on July 7, 2015. We also discussed the changes going from the proposed rule to the final rule, which are relatively straightforward. After going through the comments to the proposed rule, there may only be three or four issues to change for the final rule. They are 1) Reinstating the radon flux requirement for impoundments in existence before December 15, 1989, 2) Eliminating the requirement to regulate heap leach piles during process operations, and 3) Revising the definitions to operation and closure period and 4) Potentially reducing a requirement to only keep tailings saturated while in an evaporation pond. The workgroup was also alerted that if downtiering was successful they would not be disbanded, since their expertise has been helpful in drafting the rule.

Requested by: Wanda Farrar - OAR/OAA/OPAR

Action Document Link->[📄](#)

Change Request Document Link->[📄](#)

**The initially proposed Tier level has changed, please review your workgroup assignments.**

*Current Workgroup Members:*

Workgroup Chair: Reid Rosnick (202 343-9563), Workgroup Chair Alternate: Dan Schultheisz

OAR Support: Tom Peake

OECA Primary: Charlie Garlow

OGC Primary: Susan Stahle

OP Primary: Barry Elman  
ORD Primary: Tim Benner  
OSWER Primary: Stephen Hoffman, Secondary: Stuart Walker  
OW Primary: Marilyn Ginsberg  
R06 Primary: George Brozowski  
R07 Primary: Charles Hooper, Secondary: Robert Dye  
R08 Primary: Angelique Diaz, Secondary: Scott Whitmore  
R10 Primary: Davis Zhen

**For Your Information - New Split Requests:**

OAR - SAN 5801.1: (Tier '3') Mercury and Air Toxics Standards (MATS) Completion of  
Electronic Reporting Requirements  
Split Document Link->[📄](#)

**New Tier 4 Actions:**

***(Please note: Tier 4 actions are simply FYIs -- unless your program office would like  
to see one of these actions uptiered.)***

OEI - SAN 5861: (Tier '4') TRI Petition to Delete Ethylene Glycol monoButyl Ether (EGBE)  
Tier 4 Document Link->[📄](#)  
*No Workgroup Specified*

From the desk of:  
Wanda Farrar



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: August 2015 Tiering Exercise  
**Date:** Tuesday, January 03, 2017 11:54:09 AM  
**Attachments:** [image001.png](#)

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:12 AM  
**To:** Collections.SubW  
**Subject:** FW: August 2015 Tiering Exercise

Collected by Susan Fairchild.

---

**From:** Fairchild, Susan [mailto:[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)]  
**Sent:** Friday, August 07, 2015 12:07 PM  
**To:** Barnett, Keith <[Barnett.Keith@epa.gov](mailto:Barnett.Keith@epa.gov)>; Eck, Janet <[Eck.Janet@epa.gov](mailto:Eck.Janet@epa.gov)>  
**Subject:** RE: August 2015 Tiering Exercise

Janet, I'm interested in participating in the workgroup for:  
SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)  
We think it would be good to have OAQPS/SPPD representation.

[Susan Fairchild](#)  
[Senior Environmental Scientist](#)  
[\(919\) 541-5167](#)

[USPS Address:](#)  
[OAQPS/SPPD/MMG](#)  
[Mail Code D 243-04](#)  
[Research Triangle Park, NC 27711](#)

---

**From:** Barnett, Keith  
**Sent:** Friday, August 07, 2015 10:54 AM  
**To:** Fairchild, Susan  
**Subject:** FW: August 2015 Tiering Exercise

Susan:

Do you think you should participate in the Uranium Mill Tailings Workgroup?

Keith Barnett  
Minerals and Manufacturing Group Leader  
919-541-5605

---

**From:** Eck, Janet  
**Sent:** Friday, August 07, 2015 10:43 AM  
**To:** Barnett, Keith; Cozzie, David; Dunkins, Robin; French, Chuck; Lassiter, Penny; Schell, Bob  
**Cc:** Conner, Lisa; Culligan, Kevin; Fruh, Steve; Hackel, Angela; Lamason, Bill; McLamb, Marguerite; Pemberton, Wanda; Srivastava, Ravi; Steiner, Elyse; Thompson, Fred; Vasu, Amy; Wayland, Robertj  
**Subject:** FW: August 2015 Tiering Exercise

Please let me know by Monday, 8/17/15, the names of anyone interested in participating on the following work groups. Thanks.

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**From:** Farrar, Wanda  
**Sent:** Friday, August 07, 2015 10:39 AM  
**To:** Arling, Jeremy; Brown, Kelly; Bunte, Laura; Jefferson, Catrice; Chappell, Regina; OConnor, Dennis; Eck, Janet; Edwards, Chebryll; Friedman, Kristina; Grogan-McCulloch, Lisa; Keating, Terry; Ketcham-Colwill, Jim; Krieger, Jackie; Kurlansky, Ellen; Lee, Raymond; Lemon, Mollie; Long, Pam; Henigin, Mary; Mazza, Carl; Mcquilkiln, Wendy; Scoville, Pat; Rush, Alan; Morgan, Ruthw; Shaw, Betsy; Russell, Sherry; Stewart, Lori; Eagles, Tom; Weinstock, Larry; Wilson, Holly; Wood, Anna  
**Subject:** August 2015 Tiering Exercise

Following you will find the actions being tiered for the month of August.

Please review the attached tiering forms to identify whether your office would like to participate. You should provide the title and SAN of the rule, as well as, the workgroup participant's name to me by Monday, August 17, 2015. Thanks.

OSWER - SAN 5860: (Tier '3') Third Report to Congress: Highlights of the Diesel Emissions Reduction Act Program

Action Document Link->

**External Abstract:** This is the Third Report to Congress about the Diesel Emissions Reduction Act (DERA) program. This report is mandated by Congress as part of the legislation authorizing DERA and covers estimated and actual results from DERA funding. DERA funding covers clean diesel projects as part of the national competitive program, the state program, the ports funding program, and the rebate program. This Third Report to Congress covers actual results from the Recovery Act, FY 2009/2010, and FY 2011. This report also has estimated program results from FY 2012 and FY 2013.

*No Workgroup Specified*

OSWER - SAN 5862: (Tier '3') SPCC Amendments for Farms

Action Document Link->

**External Abstract:** In response to the Water Resources Reform and Development Act (WRRDA), the EPA is proposing revisions to its Oil Pollution Prevention Rule (specifically the Spill Prevention Control and Countermeasures (SPCC) rule). The WRRDA requires that the EPA, in consultation with the Secretary of Agriculture, promulgate a rule to adjust certain provisions of the SPCC rule. The EPA has completed a WRRDA-mandated study, in consultation with the US Department of Agriculture, and will use this study to inform the rulemaking process.

*No Workgroup Specified*

**New Tier Changes:**

OAD - SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)

Down Tier 2 to Tier 3

The original Tier 2 request came from the Office of Policy. The reason was that at the time of tiering we were uncertain between revising the existing rule using a new risk assessment (which was done for the original rule) or by using a GACT standard under section 112(d) of the Clean Air Act Amendments of 1990. At the time OP felt that using a risk assessment was a criteria for tier 2 placement as per the ADP guidance (see the Table on page 25). Since we moved to a GACT standard in lieu of a standard based on a risk assessment we no longer meet the criteria to keep the rulemaking at tier 2. Additionally, no objections were raised at a workgroup meeting on July 7, 2015. We also discussed the changes going from the proposed rule to the final rule, which are relatively straightforward. After going through the comments to the proposed rule, there may only be three or four issues to change for the final rule. They are 1) Reinstating the radon flux requirement for impoundments in existence before December 15, 1989, 2) Eliminating the requirement to regulate heap leach piles during process operations, and 3) Revising the definitions to operation and closure period and 4) Potentially reducing a requirement to only keep tailings saturated while in an evaporation pond. The workgroup was also alerted that if downtiering was successful they would not be disbanded, since their expertise has been helpful in drafting the rule.

Requested by: Wanda Farrar - OAR/OAA/OPAR

Action Document Link->[📄](#)

Change Request Document Link->[📄](#)

**The initially proposed Tier level has changed, please review your workgroup assignments.**

*Current Workgroup Members:*

Workgroup Chair: Reid Rosnick (202 343-9563), Workgroup Chair Alternate: Dan Schultheisz

OAR Support: Tom Peake

OECA Primary: Charlie Garlow

OGC Primary: Susan Stahle

OP Primary: Barry Elman

ORD Primary: Tim Benner

OSWER Primary: Stephen Hoffman, Secondary: Stuart Walker

OW Primary: Marilyn Ginsberg

R06 Primary: George Brozowski

R07 Primary: Charles Hooper, Secondary: Robert Dye

R08 Primary: Angelique Diaz, Secondary: Scott Whitmore

R10 Primary: Davis Zhen

**For Your Information - New Split Requests:**

OAR - SAN 5801.1: (Tier '3') Mercury and Air Toxics Standards (MATS) Completion of Electronic Reporting Requirements

Split Document Link->[📄](#)

**New Tier 4 Actions:**

***(Please note: Tier 4 actions are simply FYIs -- unless your program office would like to see one of these actions uptiered.)***

OEI - SAN 5861: (Tier '4') TRI Petition to Delete Ethylene Glycol monoButyl Ether (EGBE)

Tier 4 Document Link->[📄](#)

*No Workgroup Specified*

From the desk of:

Wanda Farrar

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: OAR - SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)  
**Date:** Tuesday, January 03, 2017 11:53:38 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:13 AM  
**To:** Collections.SubW  
**Subject:** FW: OAR - SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)

Collected by Susan Fairchild.

---

**From:** Fairchild, Susan [mailto:[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)]  
**Sent:** Wednesday, September 23, 2015 9:27 AM  
**To:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>  
**Subject:** OAR - SAN 5281: (Tier 2) NESHAP for Operating Uranium Mill Tailings - Amendments (Subpart W)

Reid,

I have been added to this workgroup, can you fill me in on the status of the work and send me a current draft of the rule? Also, where can I find background information to look over?

Also, are you holding regular workgroup meetings? If so, please add me to the meeting invites.

Thanks

[Susan Fairchild](#)  
Senior Environmental Scientist  
(919) 541-5167

USPS Address:  
[OAQPS/SPPD/MMG](#)  
Mail Code D 243-04  
[Research Triangle Park, NC 27711](#)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Accepted: Questions on Subpart W  
**Date:** Tuesday, January 03, 2017 11:53:22 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:13 AM  
**To:** Collections.SubW  
**Subject:** FW: Accepted: Questions on Subpart W

Collected by Susan Fairchild.

-----Original Appointment-----

**From:** Fairchild, Susan [mailto:[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)]  
**Sent:** Tuesday, September 29, 2015 3:27 PM  
**To:** Rosnick, Reid  
**Subject:** Accepted: Questions on Subpart W  
**When:** Thursday, October 01, 2015 1:00 PM-1:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** I'll call you

Reid, Just FYI-

David Bullock and Katie Hanks at RTI are the contacts for the comment handling and response handler (CHARM) program I mentioned on the call today.

David's number is 919-485-2633 and Katie's is 919-316-3732.

Katie is also working on a uranium rule amendment to Subpart F, Ingrid Rosencrantz in ORIA is the EPA lead, under which they are using the CHARM tool. (It's an OAQPS economics contract).

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: EPA Response to High Levels of Radon from White Mesa Liquid Effluents  
**Date:** Tuesday, January 03, 2017 11:53:06 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:19 AM  
**To:** Collections.SubW  
**Subject:** FW: EPA Response to High Levels of Radon from White Mesa Liquid Effluents

Collected by Tim Benner.

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**From:** [sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org) [<mailto:sarah@uraniumwatch.org>]  
**Sent:** Tuesday, April 07, 2015 1:55 PM  
**To:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>  
**Cc:** Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Flynn, Mike <[Flynn.Mike@epa.gov](mailto:Flynn.Mike@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Zenick, Elliott <[Zenick.Elliott@epa.gov](mailto:Zenick.Elliott@epa.gov)>; Blake, Wendy <[Blake.Wendy@epa.gov](mailto:Blake.Wendy@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Ferris, Lena <[Ferris.Lena@epa.gov](mailto:Ferris.Lena@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; McCabe, Janet <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>; Garbow, Avi <[Garbow.Avi@epa.gov](mailto:Garbow.Avi@epa.gov)>; Giles-AA, Cynthia <[Giles-AA.Cynthia@epa.gov](mailto:Giles-AA.Cynthia@epa.gov)>; Michael Goo <[goo.michael@epa.gov](mailto:goo.michael@epa.gov)>; Stanislaus, Mathy <[Stanislaus.Mathy@epa.gov](mailto:Stanislaus.Mathy@epa.gov)>; Bob Dye <[robert.dye@epa.gov](mailto:robert.dye@epa.gov)>; Phil Goble <[pgoble@utah.gov](mailto:pgoble@utah.gov)>; [rlundberg@utah.gov](mailto:rlundberg@utah.gov); Bryce Bird <[bbird@utah.gov](mailto:bbird@utah.gov)>; Amanda Smith <[amandasmith@utah.gov](mailto:amandasmith@utah.gov)>; Dan McNeil <[007danimal@gmail.com](mailto:007danimal@gmail.com)>; Brown, Terry <[Brown.Terry@epa.gov](mailto:Brown.Terry@epa.gov)>  
**Subject:** EPA Response to High Levels of Radon from White Mesa Liquid Effluents

Dear Reid,

Sorry I missed the Subpart W quarterly call last week.

One question I had is why you and other Subpart W review staff have not contacted Energy Fuels Resources Inc. and again requested the information that the EPA requested in the May 2009. At that time the EPA informed Denison Mines that if they did not respond to the request for information, they would be subject to enforcement action. However, the EPA never followed through.

I understand that the EPA would not want information regarding the radium content of the liquid effluents at White Mesa as requested in 2009,

but your failure to obtain that information is an egregious omission. Such egregious errors and omissions are adding up.

Also, I would like to know how the EPA is going to address the current health and safety concerns at the White Mesa Mill that are caused by the high levels of radon emissions from the liquid impoundments. The Ute Mt. Ute Tribe and Uranium Watch have brought these concerns to the EPA, yet the EPA has taken no action. The Ute Mt. Ute Tribe recently expressed those concerns in a February 10, 2015, Calculations Brief. See attached.

It appears that the EPA has no intention of taking any action, and would rather have the whole problem go away. One way to make the problem of radon emissions to go away is for you to claim that the gross radium alpha in the recent White Mesa Mill Annual Tailings Wastewater Reports represents other radionuclides besides radium. However, given the high gross alpha radium levels in 2014, there is no way that you can explain how those levels do not result in high levels of radon emissions: far beyond the 20 pico Curie per square meter per second standard and far beyond "zero."

The Division of Radiation Control staff informs me that the gross radium alpha in those reports accounts for radium and does not include uranium or radon. Putting the EPA formula for determining the radon emissions from White Mesa liquid effluents with the data for Cells 1, 4A, and 4B, you have an immediate health and safety concern that is not going to go away.

When I talk with staff at Region 8, I am referred to you. Therefore, I would like to know what, exactly, is the EPA response to the high levels of radon emissions from the White Mesa Mill liquid effluent impoundments.

The proposed Subpart W rule would, in fact, do nothing to correct the problem. The is because the EPA, contrary to the provisions of the CAA, has not proposed a radon emission limit for "new" or "existing" impoundments and continues to maintain that the emissions from liquid effluents are "zero," despite evidence to the contrary.

There must be a timely response to this new information regarding the radon emissions from 135 acres of White Mesa liquid effluents. The community in the vicinity of the White Mesa Mill cannot wait until the completion of the Subpart W rulemaking for these radon emissions to be addressed, if they would be addressed at all.

Sincerely,

Sarah Fields  
Program Director  
Uranium Watch  
PO Box 344  
Moab, Utah 84532  
435-260-8384



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: FR Dailies: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review is about to publish in the FR.  
**Date:** Tuesday, January 03, 2017 11:52:50 AM  
**Importance:** High

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:20 AM  
**To:** Collections.SubW  
**Subject:** FW: FR Dailies: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review is about to publish in the FR.

Collected by Tim Benner.

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**From:** Rosnick, Reid [<mailto:Rosnick.Reid@epa.gov>]  
**Sent:** Wednesday, April 30, 2014 6:21 AM  
**To:** Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Carlson, Albion <[Carlson.Albion@epa.gov](mailto:Carlson.Albion@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Elman, Barry <[Elman.Barry@epa.gov](mailto:Elman.Barry@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Anoma, Valentine <[Anoma.Valentine@epa.gov](mailto:Anoma.Valentine@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Aquino, Marcos <[Aquino.Marcos@epa.gov](mailto:Aquino.Marcos@epa.gov)>; Button, Rich <[Button.Rick@epa.gov](mailto:Button.Rick@epa.gov)>; Generette, Lloyd <[Generette.Lloyd@epa.gov](mailto:Generette.Lloyd@epa.gov)>; Giardina, Paul <[Giardina.Paul@epa.gov](mailto:Giardina.Paul@epa.gov)>; Honnellio, Anthony <[Honnellio.Anthony@epa.gov](mailto:Honnellio.Anthony@epa.gov)>; Murphy, Michael <[murphy.michael@epa.gov](mailto:murphy.michael@epa.gov)>; Povetko, Oleg <[Povetko.Oleg@epa.gov](mailto:Povetko.Oleg@epa.gov)>; Rosenblum, Shelly <[Rosenblum.Shelly@epa.gov](mailto:Rosenblum.Shelly@epa.gov)>  
**Subject:** FW: FR Dailies: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review is about to publish in the FR.  
**Importance:** High

FYI,

A heads-up that the NESHAP Subpart W proposed rule will be published in the [FR](#) this Friday.

Reid

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**From:** Stephanie Washington [<mailto:Washington.Stephanie@epamail.epa.gov>]

**Sent:** Tuesday, April 29, 2014 11:18 AM

**To:** Rosnick, Reid; Brooks, Patricia

**Subject:** FR Dailies: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review is about to publish in the FR.

**Importance:** High

Your document is about to publish in the Federal Register. This publication date has been confirmed with the Office of the Federal Register.

Title: National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart W: Standards for Radon Emissions From Operating Uranium Mill Tailings: Review

FRL #: 9816-2

Docket #: EPA-HQ-OAR-2008-0218

Published Date: 05/02/2014

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tribal Consultation  
**Date:** Tuesday, January 03, 2017 11:52:33 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:20 AM  
**To:** Collections.SubW  
**Subject:** FW: Tribal Consultation

Collected by Tim Benner.

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**From:** Rosnick, Reid [mailto:[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)]  
**Sent:** Friday, October 03, 2014 7:43 AM  
**To:** Anoma, Valentine <[Anoma.Valentine@epa.gov](mailto:Anoma.Valentine@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Blake, Wendy <[Blake.Wendy@epa.gov](mailto:Blake.Wendy@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Doster, Brian <[Doster.Brian@epa.gov](mailto:Doster.Brian@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Elman, Barry <[Elman.Barry@epa.gov](mailto:Elman.Barry@epa.gov)>; Embrey, Patricia <[Embrey.Patricia@epa.gov](mailto:Embrey.Patricia@epa.gov)>; Flynn, Mike <[Flynn.Mike@epa.gov](mailto:Flynn.Mike@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Jackson, Scott <[Jackson.Scott@epa.gov](mailto:Jackson.Scott@epa.gov)>; Laumann, Sara <[Laumann.Sara@epa.gov](mailto:Laumann.Sara@epa.gov)>; Logan, Paul <[Logan.Paul@epa.gov](mailto:Logan.Paul@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Palomares, Art <[Palomares.Art@epa.gov](mailto:Palomares.Art@epa.gov)>; Patefield, Scott <[Patefield.Scott@epa.gov](mailto:Patefield.Scott@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>; Saldenha, Jasmine <[Saldenha.Jasmine@epa.gov](mailto:Saldenha.Jasmine@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Subject:** FW: Tribal Consultation

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**From:** Rosnick, Reid  
**Sent:** Friday, September 26, 2014 10:06 AM  
**To:** Schultheisz, Daniel  
**Cc:** Peake, Tom  
**Subject:** RE: Tribal Consultation

I had not heard that, but I'll include it in the note to Scott. Thanks

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**From:** Schultheisz, Daniel  
**Sent:** Friday, September 26, 2014 10:05 AM  
**To:** Rosnick, Reid  
**Cc:** Peake, Tom  
**Subject:** Tribal Consultation

Alan confirmed that Janet and Mike will both be in Denver for the air meetings the week of October 19. So you can let Scott Clow know that they would be pleased to meet with the Chairman if we can align the schedules. He should suggest some times that will work for the Chairman.

Alan also mentioned the possibility of Region 8 having a room that could be used for video conference, so you could be tied in. Had you heard that?

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Minutes from July 1, 2015 Workgroup Meeting  
**Date:** Tuesday, January 03, 2017 11:52:17 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:21 AM  
**To:** Collections.SubW  
**Subject:** FW: Minutes from July 1, 2015 Workgroup Meeting

Collected by Tim Benner.

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**From:** Rosnick, Reid [<mailto:Rosnick.Reid@epa.gov>]  
**Sent:** Tuesday, July 14, 2015 8:17 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Subject:** Minutes from July 1, 2015 Workgroup Meeting

All,

Attached are the minutes from the workgroup meeting of July 1, 2015. Please let me know if you have any corrections or comments. Thanks

Reid

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Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Notes from 4/31/16 Subpart W Workgroup Meeting  
**Date:** Tuesday, January 03, 2017 11:51:53 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:21 AM  
**To:** Collections.SubW  
**Subject:** FW: Notes from 4/31/16 Subpart W Workgroup Meeting

Collected by Tim Benner.

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**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Tuesday, April 26, 2016 9:38 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>  
**Subject:** Notes from 4/31/16 Subpart W Workgroup Meeting

Workgroup Members:

Notes from last Thursday's workgroup meeting are attached. Based on our discussion, some items are highlighted for workgroup consideration. Please let me know if you have questions, or if there is something missing or not as you remember it. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Reminder: Preamble/Rule Language  
**Date:** Tuesday, January 03, 2017 11:51:39 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:23 AM  
**To:** Collections.SubW  
**Subject:** FW: Reminder: Preamble/Rule Language

Collected by Tim Benner.

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**From:** Benner, Tim [mailto:[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)]  
**Sent:** Monday, March 28, 2016 2:49 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Reminder: Preamble/Rule Language

I read through the draft, and I don't have any major comments. I made a few minor comments and edits to the attached markup, for your consideration.

Tim Benner  
ORD / OSP  
202-564-6769

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**From:** Schultheisz, Daniel  
**Sent:** Monday, March 28, 2016 11:25 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>  
**Subject:** Reminder: Preamble/Rule Language

All,

Just a reminder that you have the draft preamble and rule for subpart W for review. Hopefully you will be able to get your comments in by the end of this week, but we did give you three weeks, which ends next Tuesday. I've heard from Stuart so far (thank you Stuart!).

I also wanted to give you an idea of next steps. My plan is to have a complete draft package, which includes the revised rule/preamble, response to comments document, and BID/EIA, to you for review by the end of next week (April 8). I will be on travel the week of April 11<sup>th</sup>, so it would be best if you are not waiting on me. With luck, there will not be significant issues raised, which would allow us to have perhaps one more review before having a package that we agree is ready for OMB review. I do anticipate a few changes to what is in the current draft, primarily regarding some of the definitions. I will try to highlight any such changes.

I appreciate your attention as we try to push this through. Please don't hesitate to get in touch with me if you have questions. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

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**From:** Rosnick, Reid  
**Sent:** Tuesday, March 15, 2016 7:51 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Preamble/Rule Language

All,

I apologize for the delay in sending this out. If you have some time before the workgroup meeting to review that would be great, but I understand if you don't. Thanks

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Draft Analytic Blueprint  
**Date:** Tuesday, January 03, 2017 11:51:23 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:24 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Draft Analytic Blueprint

Collected by Tim Benner.

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**From:** Benner, Tim [mailto:Benner.Tim@epa.gov]  
**Sent:** Thursday, September 17, 2015 3:01 PM  
**To:** Rosnick, Reid <Rosnick.Reid@epa.gov>  
**Cc:** Farrar, Wanda <farrar.wanda@epa.gov>  
**Subject:** RE: Subpart W Draft Analytic Blueprint

Hi Reid,

Here are some modest markup comments. My biggest comment is that there's nothing about analyses, which are supposed to be the whole point of an analytical blueprint. Of course, at this point, we're pretty much done with analyses.

That said, you don't really need to produce a second blueprint for the final rule stage. The original blueprint from the start of the rulemaking should suffice, and that can certainly be revised along the way if you feel the need, but the guidance doesn't require a second blueprint at this stage. Nor does it require a blueprint for a Tier 3 action. I just double-checked with my boss, who was ORD's representative on the team that recently revised the ADP guidance, due out soon, and he agreed. So we appreciate your effort in revising the blueprint, but it's not really required at this point. My boss also suggested I cc: Wanda Farrar, OAR's RSC rep, who can confirm.

Tim

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**From:** Rosnick, Reid  
**Sent:** Friday, September 11, 2015 3:03 PM  
**To:** Johnson, Ann; Ayres, Sara; Benner, Tim; Brozowski, George; Dye, Robert; Eagles, Tom; Ginsberg, Marilyn; Hooper, Charles A.; Joglekar, Rajani; Law, Donald; Peake, Tom; Rosencrantz, Ingrid; Stahle, Susan; Walker, Stuart; Zhen, Davis  
**Cc:** Schultheisz, Daniel  
**Subject:** Subpart W Draft Analytic Blueprint

**PRIVILEGED DO NOT RELEASE DRAFT DELIBERATIVE DOCUMENT**

Hello All,

As promised, attached for your review and comment is the draft Analytic Blueprint for the final NESHAP Subpart W rulemaking. I would appreciate your comments on this document by September 25. I will schedule a workgroup meeting after that to discuss your comments. Please don't hesitate to contact me if you have questions. Thanks!

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Status of the NPRM  
**Date:** Tuesday, January 03, 2017 11:51:05 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:25 AM  
**To:** Collections.SubW  
**Subject:** FW: Status of the NPRM

Collected by Tim Benner.

---

**From:** Rosnick, Reid [<mailto:Rosnick.Reid@epa.gov>]  
**Sent:** Wednesday, June 05, 2013 8:21 AM  
**To:** Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Carlson, Albion <[Carlson.Albion@epa.gov](mailto:Carlson.Albion@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Elman, Barry <[Elman.Barry@epa.gov](mailto:Elman.Barry@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Anoma, Valentine <[Anoma.Valentine@epa.gov](mailto:Anoma.Valentine@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Subject:** Status of the NPRM

Hello All,

Just a quick note to let you know that the Subpart W rulemaking package was uploaded by OMB last night. I'll keep you posted on our progress. Tanks.

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Briefing  
**Date:** Tuesday, January 03, 2017 11:50:47 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:25 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Briefing

Collected by Tim Benner.

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**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Tuesday, May 31, 2016 4:04 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** Subpart W Briefing

Subpart W Workgroup Members:

Attached is a briefing prepared for the ORIA Acting OD in advance of the package moving to OAR at the end of the week. Janet McCabe has also requested a briefing on Thursday. It will be only 30 minutes but will probably look similar.

Please feel free to use this briefing for your management as needed. Also please let me know as soon as possible if you have any concerns with the package moving forward. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Draft Analytic Blueprint  
**Date:** Tuesday, January 03, 2017 11:50:31 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:25 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Draft Analytic Blueprint

Collected by Tim Benner.

---

**From:** Rosnick, Reid [mailto:[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)]  
**Sent:** Friday, September 11, 2015 3:03 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Joglekar, Rajani <[Joglekar.Rajani@epa.gov](mailto:Joglekar.Rajani@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Subpart W Draft Analytic Blueprint

**PRIVILEGED DO NOT RELEASE DRAFT DELIBERATIVE DOCUMENT**

Hello All,

As promised, attached for your review and comment is the draft Analytic Blueprint for the final NESHAP Subpart W rulemaking. I would appreciate your comments on this document by September 25. I will schedule a workgroup meeting after that to discuss your comments. Please don't hesitate to contact me if you have questions. Thanks!

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563

[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Draft Response to Comments (Message 2 of 2)  
**Date:** Tuesday, January 03, 2017 11:50:12 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:25 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Draft Response to Comments (Message 2 of 2)

Collected by Tim Benner.

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**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Friday, April 08, 2016 5:05 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>  
**Cc:** Walsh, Jonathan <[Walsh.Jonathan@epa.gov](mailto:Walsh.Jonathan@epa.gov)>  
**Subject:** Subpart W Draft Response to Comments (Message 2 of 2)

Workgroup Members:

Attached for your review are 12 files representing sections of the Response to Comments document for subpart W. You should also have the draft Preamble/Rule and BID/EIA.

As with those other documents, I am asking for comments by COB Friday, April 29. I will be on travel next week but will try to set up a workgroup meeting the week of April 18. See the previous message for details on possible dates/times.

These files include all sections except the legal authorities section, which OGC is working on and we will have to run on a parallel track. My general approach has been to group comments under broad issues and summarize them, then provide a response to each issue. The comments are at the end of the file, so you can see what we were working from. There is a lot of overlap, and some comments (or portions thereof) appear in more than one section. We will be cleaning up as we go along, and I will have to do some more detailed review of the original comment submittals.

Section 6 (Evaporation Pond Issues) is not quite as complete as the others. The first issue is found in other sections, so you will see the general response that will go in here. Section 12 (General) was done by Reid before he left, and I was not able to do a thorough review. There are some things that will need to be worked on, and a number of comments have been added to this section from other sections. I will try to work on that next week. I was also not able to review Section 13 (Out of Scope), but that should not be much of a problem.

Thanks for your attention.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Draft Response to Comments (Message 2 of 2)  
**Date:** Tuesday, January 03, 2017 11:49:56 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:25 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Draft Response to Comments (Message 2 of 2)

Collected by Tim Benner.

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**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Friday, April 08, 2016 5:05 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>  
**Cc:** Walsh, Jonathan <[Walsh.Jonathan@epa.gov](mailto:Walsh.Jonathan@epa.gov)>  
**Subject:** Subpart W Draft Response to Comments (Message 2 of 2)

Workgroup Members:

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Thanks for your attention.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W NPRM  
**Date:** Tuesday, January 03, 2017 11:49:42 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W NPRM

Collected by Tim Benner.

---

**From:** Rosnick, Reid [<mailto:Rosnick.Reid@epa.gov>]  
**Sent:** Wednesday, January 22, 2014 9:30 AM  
**To:** Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Carlson, Albion <[Carlson.Albion@epa.gov](mailto:Carlson.Albion@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Elman, Barry <[Elman.Barry@epa.gov](mailto:Elman.Barry@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Anoma, Valentine <[Anoma.Valentine@epa.gov](mailto:Anoma.Valentine@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Subject:** Subpart W NPRM

Hello All,

It has been a long time since my last status update. The reason for that is that nothing happened to Subpart W for quite some time. However, things are moving again and I have good news. The NRPM went through OMB relatively unscathed, with just some minor wordsmithing. I am now putting the package together for the Administrator's signature. We hope to have the rule in the FR in early February. I'll keep you posted.

Reid

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Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Status Update  
**Date:** Tuesday, January 03, 2017 11:49:28 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Status Update

Collected by Tim Benner.

---

**From:** Rosnick, Reid [mailto:[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)]  
**Sent:** Wednesday, September 09, 2015 6:33 AM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Joglekar, Rajani <[Joglekar.Rajani@epa.gov](mailto:Joglekar.Rajani@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Subject:** Subpart W Status Update

Hello,

I thought this would be a good time to provide an update on the status of the final rule. Effective August 26, 2015 we officially became a Tier 3 rule. This may result in some procedural changes, but it will not really change the role of the workgroup in producing the final rule. As I have stated in the past, if we cannot reach agreement on any issue we can still have an options selection meeting, or brief any AA or RA that wishes to be more informed.

I plan on sending out the draft Analytic Blueprint next week. I will set up a workgroup meeting several weeks after that to discuss comments. Now that we know the tiering status I can finish this up and continue working on the responses to comments. I am trying to slog through them, but work is going slower than I had anticipated. I also want to start working on the preamble and rule language. Sara Ayers has volunteered to help on the language for rule effectiveness, and with her and Bob Dye's efforts we should have a strong section on rule effectiveness.

Also, if you have any emails generated in August that directly relate to this rulemaking, please send them to [Collections.SubW@epa.gov](mailto:Collections.SubW@epa.gov) so that relevant, non-privileged ones can be placed on our

website.

As always, thanks for your efforts and please let me know if you have questions or comments.

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency  
Radiation Protection Division  
202.343.9563  
[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments  
**Date:** Tuesday, January 03, 2017 11:49:15 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments

Collected by Tim Benner.

---

**From:** sarah@uraniumwatch.org [mailto:sarah@uraniumwatch.org]  
**Sent:** Tuesday, January 20, 2015 1:40 PM  
**To:** A-AND-R-DOCKET <A-AND-R-DOCKET@epa.gov>  
**Cc:** Rosnick, Reid <Rosnick.Reid@epa.gov>; Phil Goble <pgoble@utah.gov>; rlundberg@utah.gov; Diaz, Angelique <Diaz.Angelique@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Peake, Tom <Peake.Tom@epa.gov>; Flynn, Mike <Flynn.Mike@epa.gov>; Muellerleile, Caryn <Muellerleile.Caryn@epa.gov>; Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Zenick, Elliott <Zenick.Elliott@epa.gov>; Blake, Wendy <Blake.Wendy@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Benner, Tim <Benner.Tim@epa.gov>; Ferris, Lena <Ferris.Lena@epa.gov>; Garlow, Charlie <Garlow.Charlie@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>; Hoffman, Stephen <Hoffman.Stephen@epa.gov>; Ginsberg, Marilyn <Ginsberg.Marilyn@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Hooper, Charles A. <Hooper.CharlesA@epa.gov>; McCabe, Janet <McCabe.Janet@epa.gov>; Garbow, Avi <Garbow.Avi@epa.gov>; Giles-AA, Cynthia <Giles-AA.Cynthia@epa.gov>; Michael Goo <goo.michael@epa.gov>; Stanislaus, Mathy <Stanislaus.Mathy@epa.gov>; Bob Dye <robert.dye@epa.gov>  
**Subject:** Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments

Dear Sir or Madame,

Attached is an amended version of Supplement 1 to Uranium Watch et. al Comments on the EPA Subpart W Rulemaking. There was an error in the Table on page 4. A period has been replaced by a comma for the radon emissions for Cell 4B in 2014. It is 1,036 pCi/m<sup>2</sup>-sec, not 1.026. Sorry for the inconvenience.

Sarah Fields  
Program Director  
Uranium Watch  
PO Box 344  
Moab, Utah 84532  
435-260-8384

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments  
**Date:** Tuesday, January 03, 2017 11:48:54 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments

Collected by Tim Benner.

---

**From:** sarah@uraniumwatch.org [mailto:sarah@uraniumwatch.org]  
**Sent:** Tuesday, January 20, 2015 1:40 PM  
**To:** A-AND-R-DOCKET <A-AND-R-DOCKET@epa.gov>  
**Cc:** Rosnick, Reid <Rosnick.Reid@epa.gov>; Phil Goble <pgoble@utah.gov>; rlundberg@utah.gov; Diaz, Angelique <Diaz.Angelique@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Peake, Tom <Peake.Tom@epa.gov>; Flynn, Mike <Flynn.Mike@epa.gov>; Muellerleile, Caryn <Muellerleile.Caryn@epa.gov>; Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Zenick, Elliott <Zenick.Elliott@epa.gov>; Blake, Wendy <Blake.Wendy@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Benner, Tim <Benner.Tim@epa.gov>; Ferris, Lena <Ferris.Lena@epa.gov>; Garlow, Charlie <Garlow.Charlie@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>; Hoffman, Stephen <Hoffman.Stephen@epa.gov>; Ginsberg, Marilyn <Ginsberg.Marilyn@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Hooper, Charles A. <Hooper.CharlesA@epa.gov>; McCabe, Janet <McCabe.Janet@epa.gov>; Garbow, Avi <Garbow.Avi@epa.gov>; Giles-AA, Cynthia <Giles-AA.Cynthia@epa.gov>; Michael Goo <goo.michael@epa.gov>; Stanislaus, Mathy <Stanislaus.Mathy@epa.gov>; Bob Dye <robert.dye@epa.gov>  
**Subject:** Suoplement 1 to Uranium Watch et al. Subpart W Rulemaking Comments

Dear Sir or Madame,

Attached is an amended version of Supplement 1 to Uranium Watch et. al Comments on the EPA Subpart W Rulemaking. There was an error in the Table on page 4. A period has been replaced by a comma for the radon emissions for Cell 4B in 2014. It is 1,036 pCi/m<sup>2</sup>-sec, not 1.026. Sorry for the inconvenience.

Sarah Fields  
Program Director  
Uranium Watch  
PO Box 344  
Moab, Utah 84532  
435-260-8384

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Supplement 3 to Comments on EPA Subpart W Rulemaking  
**Date:** Tuesday, January 03, 2017 11:48:21 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:26 AM  
**To:** Collections.SubW  
**Subject:** FW: Supplement 3 to Comments on EPA Subpart W Rulemaking

Collected by Tim Benner.

---

**From:** sarah@uraniumwatch.org [mailto:sarah@uraniumwatch.org]  
**Sent:** Friday, January 16, 2015 12:53 PM  
**To:** A-AND-R-DOCKET <A-AND-R-DOCKET@epa.gov>  
**Cc:** Rosnick, Reid <Rosnick.Reid@epa.gov>; Phil Goble <pgoble@utah.gov>; rlundberg@utah.gov; Diaz, Angelique <Diaz.Angelique@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Peake, Tom <Peake.Tom@epa.gov>; Flynn, Mike <Flynn.Mike@epa.gov>; Muellerleile, Caryn <Muellerleile.Caryn@epa.gov>; Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Zenick, Elliott <Zenick.Elliott@epa.gov>; Blake, Wendy <Blake.Wendy@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Benner, Tim <Benner.Tim@epa.gov>; Ferris, Lena <Ferris.Lena@epa.gov>; Garlow, Charlie <Garlow.Charlie@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>; Hoffman, Stephen <Hoffman.Stephen@epa.gov>; Ginsberg, Marilyn <Ginsberg.Marilyn@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Hooper, Charles A. <Hooper.CharlesA@epa.gov>; McCabe, Janet <McCabe.Janet@epa.gov>; Garbow, Avi <Garbow.Avi@epa.gov>; Giles-AA, Cynthia <Giles-AA.Cynthia@epa.gov>; Michael Goo <goo.michael@epa.gov>; Stanislaus, Mathy <Stanislaus.Mathy@epa.gov>; Bob Dye <robert.dye@epa.gov>  
**Subject:** Supplement 3 to Comments on EPA Subpart W Rulemaking

Dear Sir or Madam,

Attached please find Supplement No. 4 to the Uranium Watch et al. October 29, 2014, comments on the Environmental Protection Agency Proposed Revisions to National Emission Standards for Radon Emissions From Operating Mill Tailings, 49 C.F.R. Part 61 Subpart W, Docket ID No. EPA-HQ-OAR-2008-0218 (79 Fed. Reg. 25388, May 2, 2014).

This is the 4th and last supplement to Uranium Watch et al. Subpart W comments, unless there is significant new information.

Sincerely,

Sarah Fields



Program Director  
Uranium Watch  
P.O. Box 344  
Moab, Utah 84532

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Supplement 3 to Comments on EPA Subpart W Rulemaking  
**Date:** Tuesday, January 03, 2017 11:48:06 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:27 AM  
**To:** Collections.SubW  
**Subject:** FW: Supplement 3 to Comments on EPA Subpart W Rulemaking

Collected by Tim Benner.

---

**From:** [sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org) [mailto:[sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org)]  
**Sent:** Thursday, January 15, 2015 2:52 PM  
**To:** A-AND-R-DOCKET <[A-AND-R-DOCKET@epa.gov](mailto:A-AND-R-DOCKET@epa.gov)>  
**Cc:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>; Phil Goble <[pgoble@utah.gov](mailto:pgoble@utah.gov)>; rlundberg@utah.gov; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Flynn, Mike <[Flynn.Mike@epa.gov](mailto:Flynn.Mike@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Zenick, Elliott <[Zenick.Elliott@epa.gov](mailto:Zenick.Elliott@epa.gov)>; Blake, Wendy <[Blake.Wendy@epa.gov](mailto:Blake.Wendy@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Ferris, Lena <[Ferris.Lena@epa.gov](mailto:Ferris.Lena@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; McCabe, Janet <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>; Garbow, Avi <[Garbow.Avi@epa.gov](mailto:Garbow.Avi@epa.gov)>; Giles-AA, Cynthia <[Giles-AA.Cynthia@epa.gov](mailto:Giles-AA.Cynthia@epa.gov)>; Michael Goo <[goo.michael@epa.gov](mailto:goo.michael@epa.gov)>; Stanislaus, Mathy <[Stanislaus.Mathy@epa.gov](mailto:Stanislaus.Mathy@epa.gov)>; Bob Dye <[robert.dye@epa.gov](mailto:robert.dye@epa.gov)>  
**Subject:** Supplement 3 to Comments on EPA Subpart W Rulemaking

Dear Sir or Madam,

Attached please find Supplement No. 3 to the Uranium Watch et al. October 29, 2014, comments on the Environmental Protection Agency Proposed Revisions to National Emission Standards for Radon Emissions From Operating Mill Tailings, 49 C.F.R. Part 61 Subpart W, Docket ID No. EPA-HQ-OAR-2008-0218 (79 Fed. Reg. 25388, May 2, 2014).

Sincerely,

Sarah Fields  
Program Director  
Uranium Watch  
P.O. Box 344  
Moab, Utah 84532

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Supplement 4 to Comments on EPA Subpart W Rulemaking  
**Date:** Tuesday, January 03, 2017 11:47:46 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:27 AM  
**To:** Collections.SubW  
**Subject:** FW: Supplement 4 to Comments on EPA Subpart W Rulemaking

Collected by Tim Benner.

---

**From:** sarah@uraniumwatch.org [mailto:sarah@uraniumwatch.org]  
**Sent:** Tuesday, January 20, 2015 2:07 PM  
**To:** A-AND-R-DOCKET <A-AND-R-DOCKET@epa.gov>  
**Cc:** Rosnick, Reid <Rosnick.Reid@epa.gov>; Phil Goble <pgoble@utah.gov>; rlundberg@utah.gov; Diaz, Angelique <Diaz.Angelique@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Peake, Tom <Peake.Tom@epa.gov>; Flynn, Mike <Flynn.Mike@epa.gov>; Muellerleile, Caryn <Muellerleile.Caryn@epa.gov>; Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Zenick, Elliott <Zenick.Elliott@epa.gov>; Blake, Wendy <Blake.Wendy@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Benner, Tim <Benner.Tim@epa.gov>; Ferris, Lena <Ferris.Lena@epa.gov>; Garlow, Charlie <Garlow.Charlie@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>; Hoffman, Stephen <Hoffman.Stephen@epa.gov>; Ginsberg, Marilyn <Ginsberg.Marilyn@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Hooper, Charles A. <Hooper.CharlesA@epa.gov>; McCabe, Janet <McCabe.Janet@epa.gov>; Garbow, Avi <Garbow.Avi@epa.gov>; Giles-AA, Cynthia <Giles-AA.Cynthia@epa.gov>; Michael Goo <goo.michael@epa.gov>; Stanislaus, Mathy <Stanislaus.Mathy@epa.gov>; Bob Dye <robert.dye@epa.gov>  
**Subject:** Supplement 4 to Comments on EPA Subpart W Rulemaking

Dear Sir or Madame,

The message I sent on January 16 entitled Supplement 3 to Comments on EPA Subpart W Rulemaking was actually Supplement 4. Supplement 3 was sent on January 15. Sorry for the inconvenience.

Sarah Fields  
Program Director  
Uranium Watch

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Supplementary 2 to Comments EPA Subpart W Rulemaking  
**Date:** Tuesday, January 03, 2017 11:47:11 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:27 AM  
**To:** Collections.SubW  
**Subject:** FW: Supplementary 2 to Comments EPA Subpart W Rulemaking

Collected by Tim Benner.

---

**From:** [sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org) [<mailto:sarah@uraniumwatch.org>]  
**Sent:** Tuesday, January 13, 2015 3:54 PM  
**To:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>; Phil Goble <[pgoble@utah.gov](mailto:pgoble@utah.gov)>; rlundberg@utah.gov;  
Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Peake, Tom  
<[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Flynn, Mike <[Flynn.Mike@epa.gov](mailto:Flynn.Mike@epa.gov)>; Muellerleile, Caryn  
<[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Zenick, Elliott  
<[Zenick.Elliott@epa.gov](mailto:Zenick.Elliott@epa.gov)>; Blake, Wendy <[Blake.Wendy@epa.gov](mailto:Blake.Wendy@epa.gov)>; Cherepy, Andrea  
<[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Ferris, Lena  
<[Ferris.Lena@epa.gov](mailto:Ferris.Lena@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Walker, Stuart  
<[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Ginsberg, Marilyn  
<[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Hooper, Charles A.  
<[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; McCabe, Janet <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>; Garbow, Avi  
<[Garbow.Avi@epa.gov](mailto:Garbow.Avi@epa.gov)>; Giles-AA, Cynthia <[Giles-AA.Cynthia@epa.gov](mailto:Giles-AA.Cynthia@epa.gov)>; Michael Goo  
<[goo.michael@epa.gov](mailto:goo.michael@epa.gov)>; Stanislaus, Mathy <[Stanislaus.Mathy@epa.gov](mailto:Stanislaus.Mathy@epa.gov)>; Bob Dye  
<[robert.dye@epa.gov](mailto:robert.dye@epa.gov)>  
**Subject:** Supplementary 2 to Comments EPA Subpart W Rulemaking

Dear Sir or Madam,

Attached please find Supplement No. 2 to the Uranium Watch et al. October 29, 2014, comments on the Environmental Protection Agency Proposed Revisions to National Emission Standards for Radon Emissions From Operating Mill Tailings, 49 C.F.R. Part 61 Subpart W, Docket ID No. EPA-HQ-OAR-2008-0218 (79 Fed. Reg. 25388, May 2, 2014).

Sincerely,

Sarah Fields  
Program Director  
Uranium Watch  
P.O. Box 344  
Moab, Utah 84532

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Supplementary Comments: EPA Subpart W Rulemaking,  
**Date:** Tuesday, January 03, 2017 11:46:54 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:27 AM  
**To:** Collections.SubW  
**Subject:** FW: Supplementary Comments: EPA Subpart W Rulemaking,

Collected by Tim Benner.

---

**From:** [sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org) [<mailto:sarah@uraniumwatch.org>]  
**Sent:** Tuesday, January 06, 2015 4:01 PM  
**To:** A-AND-R-DOCKET <[A-AND-R-DOCKET@epa.gov](mailto:A-AND-R-DOCKET@epa.gov)>  
**Cc:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>; Phil Goble <[pgoble@utah.gov](mailto:pgoble@utah.gov)>; rlundberg@utah.gov; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Flynn, Mike <[Flynn.Mike@epa.gov](mailto:Flynn.Mike@epa.gov)>; Muellerleile, Caryn <[Muellerleile.Caryn@epa.gov](mailto:Muellerleile.Caryn@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Zenick, Elliott <[Zenick.Elliott@epa.gov](mailto:Zenick.Elliott@epa.gov)>; Blake, Wendy <[Blake.Wendy@epa.gov](mailto:Blake.Wendy@epa.gov)>; Cherepy, Andrea <[Cherepy.Andrea@epa.gov](mailto:Cherepy.Andrea@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Ferris, Lena <[Ferris.Lena@epa.gov](mailto:Ferris.Lena@epa.gov)>; Garlow, Charlie <[Garlow.Charlie@epa.gov](mailto:Garlow.Charlie@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Hoffman, Stephen <[Hoffman.Stephen@epa.gov](mailto:Hoffman.Stephen@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; McCabe, Janet <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>; Garbow, Avi <[Garbow.Avi@epa.gov](mailto:Garbow.Avi@epa.gov)>; Giles-AA, Cynthia <[Giles-AA.Cynthia@epa.gov](mailto:Giles-AA.Cynthia@epa.gov)>; Michael Goo <[goo.michael@epa.gov](mailto:goo.michael@epa.gov)>; Stanislaus, Mathy <[Stanislaus.Mathy@epa.gov](mailto:Stanislaus.Mathy@epa.gov)>; Bob Dye <[robert.dye@epa.gov](mailto:robert.dye@epa.gov)>  
**Subject:** Supplementary Comments: EPA Subpart W Rulemaking,

Dear Sir or Madam,

Attached please find Supplement No. 1 to the Uranium Watch et al. October 29, 2014, comments on the Environmental Protection Agency Proposed Revisions to National Emission Standards for Radon Emissions From Operating Mill Tailings, 49 C.F.R. Part 61 Subpart W, Docket ID No. EPA-HQ-OAR-2008-0218 (79 Fed. Reg. 25388, May 2, 2014).

Sincerely,

Sarah Fields  
Program Director  
Uranium Watch  
P.O. Box 344  
Moab, Utah 84532

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Waiving Early Guidance  
**Date:** Tuesday, January 03, 2017 11:46:38 AM  
**Importance:** High

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:27 AM  
**To:** Collections.SubW  
**Subject:** FW: Waiving Early Guidance

Collected by Tim Benner.

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**From:** Rosnick, Reid [mailto:[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)]  
**Sent:** Friday, July 10, 2015 3:44 PM  
**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Dye, Robert <[Dye.Robert@epa.gov](mailto:Dye.Robert@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Diaz, Angelique <[Diaz.Angelique@epa.gov](mailto:Diaz.Angelique@epa.gov)>  
**Subject:** Waiving Early Guidance  
**Importance:** High

**Privileged Sensitive Information Do Not Distribute**

Hello all,

Attached for your review is an issue paper on potentially waiving the Early Guidance portion of the final rulemaking for Subpart W. As you will see in the paper, I believe we have a chance to waive this portion of the Action Development Process, which may save both time and resources as we move forward to a final rule. Please take a look at the issue paper, and be prepared to discuss the issue at the next workgroup meeting, which I will schedule today. After reading the paper, if you have any questions, please contact me. As always, thank you for your participation.

Reid

---

Reid J. Rosnick  
US Environmental Protection Agency

Radiation Protection Division

202.343.9563

[rosnick.reid@epa.gov](mailto:rosnick.reid@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Request for OSWER Workgroup Member for OAR Rule  
**Date:** Tuesday, January 03, 2017 11:46:24 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:39 AM  
**To:** Collections.SubW  
**Subject:** FW: Request for OSWER Workgroup Member for OAR Rule

Collected by Jason Mills.

---

**From:** Mills, Jason [mailto:[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)]  
**Sent:** Tuesday, January 05, 2016 7:56 AM  
**To:** Rosnick, Reid <[Rosnick.Reid@epa.gov](mailto:Rosnick.Reid@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FWD: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I was selected as ORCR's workgroup member for the NESHAP for Operating Uranium Mill Tailings – Amendments Rule. Gerain Cogliano gave me your names as the appropriate points of contact for this project. Are you aware of any reference materials I can sift through to get myself up to speed on the history and current status of this project so that I am not thrust completely in the deep end when things ramp up? Thanks!

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Cogliano, Gerain  
**Sent:** Tuesday, December 15, 2015 2:42 PM  
**To:** Mills, Jason  
**Cc:** Huggins, Richard  
**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule



I'm sorry, I thought I had responded but guess not.

You should contact the WG chairs: Reid Rosnick, Dan Schultheisz

---

**From:** Mills, Jason  
**Sent:** Tuesday, December 15, 2015 2:20 PM  
**To:** Cogliano, Gerain  
**Cc:** Huggins, Richard  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to touch base again to see if you could either direct me to some of the background material for this project or a more appropriate point of contact in office of air. Thank you!

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Mills, Jason  
**Sent:** Friday, November 06, 2015 8:24 AM  
**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to follow up on this and Richard told me you would be the best person to contact. Are you aware of any reference materials I can sift through to get myself up to speed on the history and current status of this project so that I am not thrust completely in the deep end when things ramp up? Or is there someone else I should direct this question to? Thanks!

Jason Mills  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Huggins, Richard  
**Sent:** Wednesday, October 07, 2015 8:50 AM  
**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>  
**Cc:** ORCR IO <[ORCR\\_IO@epa.gov](mailto:ORCR_IO@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>  
**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule

Jason Mills will be our rep.

Thanks

Sent from my iPhone

Richard Huggins Jr.  
Special Assistant  
Office of Resource Conservation and Recovery  
U.S. Environmental Protection Agency  
Desk: 703-308-0017 iPhone: 571-345-6855

On Oct 6, 2015, at 1:16 PM, Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)> wrote:

**OAR is asking for a replacement ORCR representative on the workgroup listed below. Stephen Hoffman was on the workgroup but he was not replaced upon his retirement. OAR is suggesting either:**

Jason Mills or  
Ernie (Ernesto) Brown

**Let me know who should be representing OSWER. Thanks.**

### **NESHAP for Operating Uranium Mill Tailings – Amendments**

**Abstract:** NESHAP Subpart W protects human health and the environment by setting radon emission standards and work practices for operating uranium mill tailings impoundments. EPA is in the process of reviewing this standard. If necessary, the agency will revise the NESHAP requirements for radon emissions from operating uranium mill tailings.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Notes from 4/31/16 Subpart W Workgroup Meeting  
**Date:** Tuesday, January 03, 2017 11:46:08 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:40 AM  
**To:** Collections.SubW  
**Subject:** FW: Notes from 4/31/16 Subpart W Workgroup Meeting

Collected by Jason Mills.

---

**From:** Mills, Jason [mailto:Mills.Jason@epa.gov]  
**Sent:** Tuesday, April 26, 2016 9:57 AM  
**To:** Schultheisz, Daniel <Schultheisz.Daniel@epa.gov>  
**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

Thank you for providing me with the documents from the last meeting. Unfortunately, it is not feasible for me to review and provide comments by the end of this week.

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, April 26, 2016 9:38 AM  
**To:** Johnson, Ann ; Ayres, Sara ; Hooper, Charles A. ; Zhen, Davis ; Eagles, Tom ; Egidi, Philip ; Fairchild, Susan ; Brozowski, George ; Law, Donald ; Ginsberg, Marilyn ; Peake, Tom ; Rosencrantz, Ingrid ; Seidman, Emily ; Walker, Stuart ; Stahle, Susan ; Benner, Tim ; Mills, Jason  
**Subject:** Notes from 4/31/16 Subpart W Workgroup Meeting

Workgroup Members:

Notes from last Thursday's workgroup meeting are attached. Based on our discussion, some items are highlighted for workgroup consideration. Please let me know if you have questions, or if there is something missing or not as you remember it. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Notes from 4/31/16 Subpart W Workgroup Meeting  
**Date:** Tuesday, January 03, 2017 11:45:45 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 9:41 AM  
**To:** Collections.SubW  
**Subject:** FW: Notes from 4/31/16 Subpart W Workgroup Meeting

Collected by Jason Mills.

---

**From:** Mills, Jason [mailto:[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)]  
**Sent:** Tuesday, April 26, 2016 10:05 AM  
**To:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

Do you have availability towards the end of this week or sometime next week to talk though these materials?

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, April 26, 2016 10:01 AM  
**To:** Mills, Jason  
**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

Whatever you can do. My fault for not looking closely enough at the distribution list. There will be another round, and I'll be glad to talk through the package and answer any questions you may have. I'm not aware of any specific issues that Steve Hoffman focused on. Thanks.

---

**From:** Mills, Jason  
**Sent:** Tuesday, April 26, 2016 9:57 AM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Subject:** RE: Notes from 4/31/16 Subpart W Workgroup Meeting

Thank you for providing me with the documents from the last meeting. Unfortunately, it is not feasible for me to review and provide comments by the end of this week.

Jason Mills, P.E.

Phone: (703) 305-9091

Environmental Engineer

Economics and Risk Analysis Staff

Office of Resource Conservation and Recovery

United States Environmental Protection Agency



---

**From:** Schultheisz, Daniel

**Sent:** Tuesday, April 26, 2016 9:38 AM

**To:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Ayres, Sara <[Ayres.Sara@epa.gov](mailto:Ayres.Sara@epa.gov)>; Hooper, Charles A. <[Hooper.CharlesA@epa.gov](mailto:Hooper.CharlesA@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Eagles, Tom <[Eagles.Tom@epa.gov](mailto:Eagles.Tom@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Fairchild, Susan <[Fairchild.Susan@epa.gov](mailto:Fairchild.Susan@epa.gov)>; Brozowski, George <[brozowski.george@epa.gov](mailto:brozowski.george@epa.gov)>; Law, Donald <[Law.Donald@epa.gov](mailto:Law.Donald@epa.gov)>; Ginsberg, Marilyn <[Ginsberg.Marilyn@epa.gov](mailto:Ginsberg.Marilyn@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Benner, Tim <[Benner.Tim@epa.gov](mailto:Benner.Tim@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>

**Subject:** Notes from 4/31/16 Subpart W Workgroup Meeting

Workgroup Members:

Notes from last Thursday's workgroup meeting are attached. Based on our discussion, some items are highlighted for workgroup consideration. Please let me know if you have questions, or if there is something missing or not as you remember it. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Request for OSWER Workgroup Member for OAR Rule  
**Date:** Tuesday, January 03, 2017 11:45:21 AM

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---

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**Sent:** Thursday, December 22, 2016 9:41 AM  
**To:** Collections.SubW  
**Subject:** FW: Request for OSWER Workgroup Member for OAR Rule

Collected by Jason Mills.

---

**From:** Mills, Jason [mailto:[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)]  
**Sent:** Tuesday, December 15, 2015 2:42 PM  
**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Thank you!

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Cogliano, Gerain  
**Sent:** Tuesday, December 15, 2015 2:42 PM  
**To:** Mills, Jason  
**Cc:** Huggins, Richard  
**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule

I'm sorry, I thought I had responded but guess not.

You should contact the WG chairs: Reid Rosnick, Dan Schultheisz

---

**From:** Mills, Jason  
**Sent:** Tuesday, December 15, 2015 2:20 PM

**To:** Cogliano, Gerain  
**Cc:** Huggins, Richard  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to touch base again to see if you could either direct me to some of the background material for this project or a more appropriate point of contact in office of air. Thank you!

Jason Mills, P.E.  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Mills, Jason  
**Sent:** Friday, November 06, 2015 8:24 AM  
**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>  
**Subject:** RE: Request for OSWER Workgroup Member for OAR Rule

Good Morning,

I wanted to follow up on this and Richard told me you would be the best person to contact. Are you aware of any reference materials I can sift through to get myself up to speed on the history and current status of this project so that I am not thrust completely in the deep end when things ramp up? Or is there someone else I should direct this question to? Thanks!

Jason Mills  
Phone: (703) 305-9091  
Environmental Engineer  
Economics and Risk Analysis Staff  
Office of Resource Conservation and Recovery  
United States Environmental Protection Agency



---

**From:** Huggins, Richard  
**Sent:** Wednesday, October 07, 2015 8:50 AM  
**To:** Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)>  
**Cc:** ORCR IO <[ORCR\\_IO@epa.gov](mailto:ORCR_IO@epa.gov)>; Mills, Jason <[Mills.Jason@epa.gov](mailto:Mills.Jason@epa.gov)>  
**Subject:** Re: Request for OSWER Workgroup Member for OAR Rule



Jason Mills will be our rep.

Thanks

Sent from my iPhone

Richard Huggins Jr.  
Special Assistant  
Office of Resource Conservation and Recovery  
U.S. Environmental Protection Agency  
Desk: 703-308-0017 iPhone: 571-345-6855

On Oct 6, 2015, at 1:16 PM, Cogliano, Gerain <[Cogliano.Gerain@epa.gov](mailto:Cogliano.Gerain@epa.gov)> wrote:

**OAR is asking for a replacement ORCR representative on the workgroup listed below. Stephen Hoffman was on the workgroup but he was not replaced upon his retirement. OAR is suggesting either:**

Jason Mills or

Ernie (Ernesto) Brown

**Let me know who should be representing OSWER. Thanks.**

### **NESHAP for Operating Uranium Mill Tailings – Amendments**

**Abstract:** NESHAP Subpart W protects human health and the environment by setting radon emission standards and work practices for operating uranium mill tailings impoundments. EPA is in the process of reviewing this standard. If necessary, the agency will revise the NESHAP requirements for radon emissions from operating uranium mill tailings.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:35:04 AM

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**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:11 AM  
**To:** Collections.SubW  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Note that the attachment to this e-mail (which I just forwarded) is privileged. The e-mail itself is not.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:10 AM  
**To:** Collections.SubW <Collections.SubW@epa.gov>  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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---

**From:** Seidman, Emily

**Sent:** Monday, October 17, 2016 8:27 AM

**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Hi Sonja,

Dan just let me know that he is leaving the office around 1pm today to catch a flight and will be back in the office on Thursday. If you have time to review the interagency comment responses this morning, that would be great. Otherwise, we can have them back to Dan later this week.

Hope you're feeling better!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Seidman, Emily

**Sent:** Friday, October 14, 2016 4:01 PM

**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Sonja,

The draft of interagency comment responses are attached. These reflect revisions after Dan and I discussed the draft and we both made revisions.

Feel better soon!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

CONFIDENTIAL communication for internal deliberations only; may contain deliberative, attorney-client, attorney work product, or otherwise privileged material; do not distribute outside EPA or DOJ.

---

**From:** Rodman, Sonja

**Sent:** Friday, October 14, 2016 1:56 PM

**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Is there a draft of these I'm supposed to be looking at? Being sick is not helping me get caught up . . .

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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---

**From:** Schultheisz, Daniel

**Sent:** Friday, October 14, 2016 7:56 AM

**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

Dan

---

**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]

**Sent:** Thursday, October 13, 2016 7:32 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule --

Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Dan,

I was just wondering if you had a status update on the responses to interagency comments (or if you sent them and I missed them). I am not rushing anything, I just want to make sure that you are not waiting for me.

Thanks.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

---

**From:** Szabo, Aaron L. EOP/OMB  
**Sent:** Wednesday, September 14, 2016 2:39 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 9:34:46 AM

---

---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:11 AM  
**To:** Collections.SubW  
**Subject:** RE: Just a very few suggestions on Dan's draft

Note that the attachment to this e-mail (which I just forwarded) is privileged. The e-mail itself is not.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

*CONFIDENTIALITY NOTICE: This message may contain sensitive, privileged information covered by the deliberative process, attorney-client and/or attorney work product privileges. Do not release this message under FOIA without appropriate review. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, please contact the sender and delete all copies.*

---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Collections.SubW <Collections.SubW@epa.gov>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

*CONFIDENTIALITY NOTICE: This message may contain sensitive, privileged information covered by the deliberative process, attorney-client and/or attorney work product privileges. Do not release this message under FOIA without appropriate review. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, please contact the sender and delete all copies.*

---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:34:32 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Yup, I'll cover.

Sent from my iPhone

> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>

> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>

>

>

> <[meeting.ics](#)>



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:32:17 AM

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---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:29 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

-----Original Message-----

From: Seidman, Emily  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: RE: Subpart W Stakeholder Conference Call

Thanks!!

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Yup, I'll cover.

Sent from my iPhone

> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>

> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>

>

>

> <[meeting.ics](#)>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:32:08 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:00 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

Sent from my iPhone

> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>

> Thanks!!

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 4:57 PM

> To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

> Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Yup, I'll cover.

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>>

>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>

>>

>>

>> <[meeting.ics](#)>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:30:37 AM

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---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

-----Original Message-----

From: Stahle, Susan  
Sent: Wednesday, October 05, 2016 5:01 PM  
To: Rodman, Sonja <Rodman.Sonja@epa.gov>; Seidman, Emily <seidman.emily@epa.gov>  
Subject: RE: Subpart W Stakeholder Conference Call

I can, but it's not likely the call will go that long (sometimes these calls are only 15 minutes). I have an 11:00 am call myself but can drop off at 11:30 am if you need me to do so, just let me know. Thanks.

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
stahle.susan@epa.gov

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:00 PM  
To: Seidman, Emily <seidman.emily@epa.gov>  
Cc: Stahle, Susan <Stahle.Susan@epa.gov>  
Subject: Re: Subpart W Stakeholder Conference Call

Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

Sent from my iPhone

> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>

> Thanks!!

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 4:57 PM

> To: Seidman, Emily <seidman.emily@epa.gov>

> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Yup, I'll cover.

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>

>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>

>>

>>

>> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:30:22 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:07 PM  
To: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Cc: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Ok, I'll join at 11 and let you know if I think you need to join at 11:30. Thanks!

Sent from my iPhone

> On Oct 5, 2016, at 5:00 PM, Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)> wrote:

>

> I can, but it's not likely the call will go that long (sometimes these calls are only 15 minutes). I have an 11:00 am call myself but can drop off at 11:30 am if you need me to do so, just let me know. Thanks.

>

> Susan Stahle

> Attorney-Advisor

> Air and Radiation Law Office

> Office of General Counsel

> U.S. Environmental Protection Agency

> 202-564-1272 (ph)

> 202-564-5603 (fax)

> [stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

>

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 5:00 PM

> To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

> Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>

>> Thanks!!

>>

>> -----Original Message-----

>> From: Rodman, Sonja

>> Sent: Wednesday, October 05, 2016 4:57 PM

>> To: Seidman, Emily <seidman.emily@epa.gov>

>> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

>> Subject: Re: Subpart W Stakeholder Conference Call

>>

>> Yup, I'll cover.

>>

>> Sent from my iPhone

>>

>>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>>

>>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>>

>>>

>>>

>>> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:30:10 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:30:00 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 9:06 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: stakeholder call

Lucky you. Thanks.

I did want to talk a bit about the OMB comments to make sure I understand your suggestions. I have not received comments from management yet.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:29:47 AM

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---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

---

**From:** Seidman, Emily  
**Sent:** Tuesday, October 11, 2016 8:51 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: stakeholder call

Sure, I'm free to chat anytime about the OMB comment responses.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 9:06 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: stakeholder call

Lucky you. Thanks.

I did want to talk a bit about the OMB comments to make sure I understand your suggestions. I have not received comments from management yet.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W in Inside EPA...  
**Date:** Monday, January 09, 2017 9:29:36 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W in Inside EPA...

---

**From:** Stahle, Susan  
**Sent:** Tuesday, October 11, 2016 11:47 AM  
**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Subpart W in Inside EPA...

FYI

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Egidi, Philip  
**Sent:** Friday, October 07, 2016 12:56 PM  
**To:** Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** Subpart W in Inside EPA...

Daily News

## EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule

October 06, 2016

EPA is preparing to issue a final air rule governing radon emissions from uranium mining waste next month, agency staff says, once the agency has resolved issues raised during recent interagency consultation on the rule's definition of "operating" waste impoundments -- a key question that determines which sites are subject to the rule.

On a public conference call Oct. 6, staff said that the revision to Clean Air Act "Subpart W" rules, proposed in 2014, will likely be complete in November. The agency sent the final rule for mandatory White House Office of Management and Budget (OMB) [pre-publication review in July](#), and EPA is now considering its response to points raised by other, unnamed federal agencies during interagency review, staff said.

While EPA staff on the call declined to give specifics, they confirmed that among the issues raised during OMB review were "definitional" and "operational" issues. One such issue is clarification of which impoundments are considered "operating," and hence subject to the Subpart W rules.

EPA's May 2, 2014, proposed version of the radon emissions rule floated several changes to the existing Subpart W regulation which set radon emissions limits for uranium "tailings" or waste.

The agency proposed that certain impoundments and "heap leach piles" must maintain minimum liquid levels to control their radon emissions; that generally available control technology be required for affected sources at various types of uranium mills; to tailor regulatory definitions to reflect the evolution of uranium mining facilities; to remove certain monitoring requirements EPA viewed as redundant; and to define requirements for waste facility liners.

One environmentalist on the call suggested a legal challenge to the final rule is likely if it resembles the proposal, as environmental groups consider the proposed version to be unlawfully weak.

Meanwhile, EPA sent a related final rule to OMB for review Oct. 5 on "health and environmental protection standards for uranium and thorium mill tailings and uranium in situ leaching processing facilities," according to OMB's website, which says the agency intends to publish the rule in November.

EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska. -- *Stuart Parker* ([sparker@iwppnews.com](mailto:sparker@iwppnews.com))

Related News | [Air](#) |

195286

FYI

PVE

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revised Responses to OMB Comments on Subpart W  
**Date:** Monday, January 09, 2017 9:29:21 AM

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---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Revised Responses to OMB Comments on Subpart W

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 13, 2016 4:33 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

Thanks. I see a couple of word changes to your revision, but nothing major.

We were hoping to get this back to OMB by the end of the week. What do you think re: Sonja's review?

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 13, 2016 4:08 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

Dan,

These revisions look good. I've made additional revisions to #6. See if you agree. I'm open to further discussions on how best to clearly convey this point. I'll pass this along to Sonja for her review (however she is on sick leave today and is scheduled to be out tomorrow).

Thanks,  
Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Schultheisz, Daniel

**Sent:** Thursday, October 13, 2016 1:38 PM

**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

**Subject:** Revised Responses to OMB Comments on Subpart W

Emily:

Revisions as we discussed. See what you think, particularly #6. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revised Responses to OMB Comments on Subpart W  
**Date:** Monday, January 09, 2017 9:29:08 AM

---

---

**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Revised Responses to OMB Comments on Subpart W

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 13, 2016 4:34 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

I asked her to aim to complete her review by the beginning of the week. I'll keep you posted.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 13, 2016 4:33 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

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We were hoping to get this back to OMB by the end of the week. What do you think re: Sonja's review?

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 13, 2016 4:08 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

Dan,

These revisions look good. I've made additional revisions to #6. See if you agree. I'm open to further discussions on how best to clearly convey this point. I'll pass this along to Sonja for her review (however she is on sick leave today and is scheduled to be out tomorrow).

Thanks,  
Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 13, 2016 1:38 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Revised Responses to OMB Comments on Subpart W

Emily:

Revisions as we discussed. See what you think, particularly #6. Thanks.

Dan



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:28:56 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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**From:** Szabo, Aaron L. EOP/OMB [mailto:[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
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**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
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Thanks.

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Office of Management and Budget  
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Please let me know if you have any questions.

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**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:28:42 AM

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**To:** Collections.SubW  
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Aaron:

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Please let me know if you have any questions.

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:23:03 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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**From:** Szabo, Aaron L. EOP/OMB [mailto:[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Friday, October 14, 2016 12:20 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
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Thanks Dan. There is no rush, so please take your time. I just wanted to make sure that I had no missed anything as I have a number of various projects right now.

Aaron L. Szabo  
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**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Friday, October 14, 2016 7:56 AM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony

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Aaron:

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Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

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**Date:** Monday, January 09, 2017 9:21:30 AM

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**From:** Rodman, Sonja  
**Sent:** Friday, October 14, 2016 1:56 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Is there a draft of these I'm supposed to be looking at? Being sick is not helping me get caught up . . .

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja

<[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule --  
Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-  
AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA  
draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from  
Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W review  
**Date:** Monday, January 09, 2017 9:21:14 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:30 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W review

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 7:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Subpart W review

Emily:

Just wanted to let you know that I will be leaving around 1 pm today to catch a flight. I will be back in the office Thursday. So if we can get Sonja's approval this morning, that would be great. I should have let you know this on Friday. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:21:02 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 9:32 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Re: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

I'll try

Sent from my iPhone

On Oct 17, 2016, at 8:27 AM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

Hi Sonja,

Dan just let me know that he is leaving the office around 1pm today to catch a flight and will be back in the office on Thursday. If you have time to review the interagency comment responses this morning, that would be great. Otherwise, we can have them back to Dan later this week.

Hope you're feeling better!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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outside EPA or DOJ.

---

**From:** Seidman, Emily

**Sent:** Friday, October 14, 2016 4:01 PM

**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Sonja,

The draft of interagency comment responses are attached. These reflect revisions after Dan and I discussed the draft and we both made revisions.

Feel better soon!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Rodman, Sonja

**Sent:** Friday, October 14, 2016 1:56 PM

**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Is there a draft of these I'm supposed to be looking at? Being sick is not helping me get caught up . . .

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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---

**From:** Schultheisz, Daniel

**Sent:** Friday, October 14, 2016 7:56 AM

**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

Dan

---

**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]

**Sent:** Thursday, October 13, 2016 7:32 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Dan,

I was just wondering if you had a status update on the responses to interagency comments (or if you sent them and I missed them). I am not rushing anything, I just want to make sure that you are not waiting for me.

Thanks.

Aaron L. Szabo

Policy Analyst

Office of Information and Regulatory Affairs

Office of Management and Budget

202-395-3621

[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

---

**From:** Szabo, Aaron L. EOP/OMB

**Sent:** Wednesday, September 14, 2016 2:39 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

<Summary of Interagency Comments Under EO12866\_13563  
EPA\_UraniumMillNESHASHA....docx>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 9:20:46 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

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**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:52 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Thanks. I will make these changes and send along to OMB.

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Dan,

Please see the attached. I agree with Sonja's revisions. Please be in touch to discuss if you have any questions or concerns.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft



It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 9:20:33 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Meant to note that Sonja's first comment was a correction to the comment. Alan had a similar edit. I am not going to edit the comments.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:52 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Thanks. I will make these changes and send along to OMB.

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Dan,

Please see the attached. I agree with Sonja's revisions. Please be in touch to discuss if you have any questions or concerns.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 9:20:19 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

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**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:55 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Sschultheisz.Daniel@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Ok.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Meant to note that Sonja's first comment was a correction to the comment. Alan had a similar edit. I am not going to edit the comments.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:52 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Thanks. I will make these changes and send along to OMB.

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Dan,

Please see the attached. I agree with Sonja's revisions. Please be in touch to discuss if you have any questions or concerns.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th  
**Date:** Monday, January 09, 2017 9:20:06 AM

---

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th

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**From:** Doster, Brian  
**Sent:** Tuesday, October 18, 2016 8:11 AM  
**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
**Subject:** FW: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th

---

**From:** Edwards, Jonathan  
**Sent:** Monday, October 17, 2016 9:33 PM  
**To:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>; Doster, Brian <[Doster.Brian@epa.gov](mailto:Doster.Brian@epa.gov)>  
**Subject:** Fwd: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th

FYI--- looks like the NRC is OK with us skipping the public meeting. I'm a little surprised by this because we seem to be the biggest game in town in this area. Oh well...

Sent from my iPhone

Begin forwarded message:

**From:** "McGovern, Denise" <[Denise.McGovern@nrc.gov](mailto:Denise.McGovern@nrc.gov)>  
**Date:** October 13, 2016 at 4:53:44 PM EDT  
**To:** "Edwards, Jonathan" <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Cc:** "Elmers, Glenn" <[Glenn.Elmers@nrc.gov](mailto:Glenn.Elmers@nrc.gov)>, "Laufer, Richard" <[Richard.Laufer@nrc.gov](mailto:Richard.Laufer@nrc.gov)>, "Shea, Pamela" <[Pamela.Shea@nrc.gov](mailto:Pamela.Shea@nrc.gov)>

**Subject: RE: RE: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th**

Mr. Edwards,

The Commission has decided to hold the meeting at this time and understands your position. Thank you for your quick reply.

Regards,  
Denise

*Denise L. McGovern*

U.S. Nuclear Regulatory Commission  
Office of the Secretary  
301.415.0681

---

**From:** Edwards, Jonathan [<mailto:Edwards.Jonathan@epa.gov>]

**Sent:** Tuesday, October 11, 2016 4:40 PM

**To:** McGovern, Denise <[Denise.McGovern@nrc.gov](mailto:Denise.McGovern@nrc.gov)>

**Cc:** Ellmers, Glenn <[Glenn.Ellmers@nrc.gov](mailto:Glenn.Ellmers@nrc.gov)>; Laufer, Richard <[Richard.Laufer@nrc.gov](mailto:Richard.Laufer@nrc.gov)>; Shea, Pamela <[Pamela.Shea@nrc.gov](mailto:Pamela.Shea@nrc.gov)>

**Subject:** [External\_Sender] RE: REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th

Hello Denise--- Thank you for the invite but from the EPA's perspective the timing for the meeting is coming at an unfortunate time. So much so that we may need to recommend that it be rescheduled for a few months later if you want full EPA discourse, or that you may need to proceed with the planned meeting in November but without EPA's participation. Let me explain further:

At the time of the scheduled November public meeting, two of EPA's key rulemakings in the Uranium recovery area --- the 40 CFR 192 Uranium In-Situ Revision and 40 CFR 61, Subpart W Radon emissions from operating mill tailings revision--- are anticipated to be in the **Office of Management and Budget's EO 12866 interagency review process** and at a minimum will not have the EPA Administrator's signature of approval of the final rules yet. THIS PRECLUDES EPA FROM SAYING ANYTHING AT ALL ABOUT THE DETAILS OF THE FINAL RULES at the NRC's public meeting in November.

If we attended, we could discuss what EPA put into the **proposals** published over the last two years, but that would be quite useless and not relevant to the final rule details and arrangements. (Additionally, OMB officials may not want EPA involved in a public meeting on rules at the same time that the rules are under 12866 review.)

So I don't recommend EPA testify or attempt to answer questions while our two key Uranium recovery rules are in OMB interagency review. In fact, NRC is participating in interagency review of both rules and would be hamstrung as to what it could say

publically too about regulations.

So please understand that EPA is not trying to be difficult or not cooperative --- I've testified at many of these NRC meetings in the past – but the timing is not good at all..... Thanks, Jon

---

**From:** McGovern, Denise [<mailto:Denise.McGovern@nrc.gov>]

**Sent:** Friday, October 07, 2016 1:52 PM

**To:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>

**Cc:** Ellmers, Glenn <[Glenn.Ellmers@nrc.gov](mailto:Glenn.Ellmers@nrc.gov)>; Laufer, Richard <[Richard.Laufer@nrc.gov](mailto:Richard.Laufer@nrc.gov)>; McGovern, Denise <[Denise.McGovern@nrc.gov](mailto:Denise.McGovern@nrc.gov)>; Shea, Pamela <[Pamela.Shea@nrc.gov](mailto:Pamela.Shea@nrc.gov)>

**Subject:** REPLY REQUESTED: Nuclear Regulatory Commission public meeting on Tuesday, November 29th

Mr. Edwards,

I am contacting you because the Nuclear Regulatory Commission is holding a public meeting on Tuesday, November 29th. The topic of the meeting is uranium recovery. The Commission meeting is scheduled from 9:00 a.m. – 12:00 p.m. at our headquarters in Rockville, Maryland.

The Commission would like to invite you to discuss the status of 40 CFR Part 192 Rule on in-situ recovery groundwater protection and the status of 40 CFR Part 61, Subpart W - National Emission Standards for Radon Emissions from Operating Mill Tailings. Each panelist will have 10 minutes for a presentation, then once the panel is finished with presentations, there will be a question and answer session with the Commission.

Once we have confirmed all of the participants, we will send you a formal welcome letter and the agenda for the meeting. I have attached the tentative agenda for your information.

**Please let me know if this is something you are interested in and available to do.** If there are any questions about the meeting, I am available by phone and email.

I look forward to hearing back from you in the near future.

Regards,  
Denise

*Denise L. McGovern*

U.S. Nuclear Regulatory Commission  
Office of the Secretary



301.415.0681

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 9:19:49 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

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**From:** Seidman, Emily  
**Sent:** Thursday, October 27, 2016 12:18 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Subpart W

Hi Dan,

Any word back from OMB on our responses to the comments? Thanks!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

CONFIDENTIAL communication for internal deliberations only; may contain deliberative, attorney-client, attorney work product, or otherwise privileged material; do not distribute outside EPA or DOJ.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 9:19:37 AM

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**From:** Seidman, Emily  
**Sent:** Friday, November 4, 2016 12:31 PM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 27, 2016 12:23 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Subpart W

Not yet. I have sent a note, as others are asking, given that we are up against the 90-day review time.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 27, 2016 12:18 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:19:22 AM

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---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:11 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Friday, October 14, 2016 12:20 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Thanks Dan. There is no rush, so please take your time. I just wanted to make sure that I had not missed anything as I have a number of various projects right now.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs

Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

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**From:** Schultheisz, Daniel [<mailto:Schultheisz.Daniel@epa.gov>]  
**Sent:** Friday, October 14, 2016 7:56 AM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

Dan

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**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Thursday, October 13, 2016 7:32 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Dan,

I was just wondering if you had a status update on the responses to interagency comments (or if you sent them and I missed them). I am not rushing anything, I just want to make sure that you are not waiting for me.

Thanks.

Aaron L. Szabo  
Policy Analyst

Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

---

**From:** Szabo, Aaron L. EOP/OMB

**Sent:** Wednesday, September 14, 2016 2:39 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>;  
Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony  
<[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily  
<[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja  
<[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

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AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
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[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:19:10 AM

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**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:12 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

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**Sent:** Friday, October 14, 2016 7:56 AM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
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**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:18:59 AM

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**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:12 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Susan Stahle  
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U.S. Environmental Protection Agency  
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202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

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**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W in Inside EPA...  
**Date:** Monday, January 09, 2017 9:18:47 AM

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---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:12 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W in Inside EPA...

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Stahle, Susan  
**Sent:** Tuesday, October 11, 2016 11:47 AM  
**To:** Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Subpart W in Inside EPA...

FYI

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Egidi, Philip  
**Sent:** Friday, October 07, 2016 12:56 PM  
**To:** Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** Subpart W in Inside EPA...

# EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule

October 06, 2016

EPA is preparing to issue a final air rule governing radon emissions from uranium mining waste next month, agency staff says, once the agency has resolved issues raised during recent interagency consultation on the rule's definition of "operating" waste impoundments -- a key question that determines which sites are subject to the rule.

On a public conference call Oct. 6, staff said that the revision to Clean Air Act "Subpart W" rules, proposed in 2014, will likely be complete in November. The agency sent the final rule for mandatory White House Office of Management and Budget (OMB) [pre-publication review in July](#), and EPA is now considering its response to points raised by other, unnamed federal agencies during interagency review, staff said.

While EPA staff on the call declined to give specifics, they confirmed that among the issues raised during OMB review were "definitional" and "operational" issues. One such issue is clarification of which impoundments are considered "operating," and hence subject to the Subpart W rules.

EPA's May 2, 2014, proposed version of the radon emissions rule floated several changes to the existing Subpart W regulation which set radon emissions limits for uranium "tailings" or waste.

The agency proposed that certain impoundments and "heap leach piles" must maintain minimum liquid levels to control their radon emissions; that generally available control technology be required for affected sources at various types of uranium mills; to tailor regulatory definitions to reflect the evolution of uranium mining facilities; to remove certain monitoring requirements EPA viewed as redundant; and to define requirements for waste facility liners.

One environmentalist on the call suggested a legal challenge to the final rule is likely if it resembles the proposal, as environmental groups consider the proposed version to be unlawfully weak.

Meanwhile, EPA sent a related final rule to OMB for review Oct. 5 on "health and environmental protection standards for uranium and thorium mill tailings and uranium in situ leaching processing facilities," according to OMB's website, which says the agency intends to publish the rule in November.

EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska. -- *Stuart Parker* ([sparker@iwpnnews.com](mailto:sparker@iwpnnews.com))

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FYI

PVE

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W in Inside EPA...  
**Date:** Monday, January 09, 2017 9:18:30 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:13 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W in Inside EPA...

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Egidi, Philip  
**Sent:** Friday, October 07, 2016 12:56 PM  
**To:** Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** Subpart W in Inside EPA...

Daily News

## EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule

October 06, 2016

EPA is preparing to issue a final air rule governing radon emissions from uranium mining waste next month, agency staff says, once the agency has resolved issues raised during recent interagency consultation on the rule's definition of "operating" waste impoundments -- a key question that determines which sites are subject to the rule.

On a public conference call Oct. 6, staff said that the revision to Clean Air Act "Subpart W"

rules, proposed in 2014, will likely be complete in November. The agency sent the final rule for mandatory White House Office of Management and Budget (OMB) [pre-publication review in July](#), and EPA is now considering its response to points raised by other, unnamed federal agencies during interagency review, staff said.

While EPA staff on the call declined to give specifics, they confirmed that among the issues raised during OMB review were “definitional” and “operational” issues. One such issue is clarification of which impoundments are considered “operating,” and hence subject to the Subpart W rules.

EPA's May 2, 2014, proposed version of the radon emissions rule floated several changes to the existing Subpart W regulation which set radon emissions limits for uranium “tailings” or waste.

The agency proposed that certain impoundments and “heap leach piles” must maintain minimum liquid levels to control their radon emissions; that generally available control technology be required for affected sources at various types of uranium mills; to tailor regulatory definitions to reflect the evolution of uranium mining facilities; to remove certain monitoring requirements EPA viewed as redundant; and to define requirements for waste facility liners.

One environmentalist on the call suggested a legal challenge to the final rule is likely if it resembles the proposal, as environmental groups consider the proposed version to be unlawfully weak.

Meanwhile, EPA sent a related final rule to OMB for review Oct. 5 on “health and environmental protection standards for uranium and thorium mill tailings and uranium in situ leaching processing facilities,” according to OMB's website, which says the agency intends to publish the rule in November.

EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska. -- *Stuart Parker* ([sparker@iwppnews.com](mailto:sparker@iwppnews.com))

Related News | [Air](#) |

195286

FYI

PVE



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W call just ended so no need for you to try and join at 11:30. Thx  
**Date:** Monday, January 09, 2017 9:18:18 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:13 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W call just ended so no need for you to try and join at 11:30. Thx

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

---

**From:** Rodman, Sonja  
**Sent:** Thursday, October 06, 2016 11:26 AM  
**To:** Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
**Subject:** Subpart W call just ended so no need for you to try and join at 11:30. Thx

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:18:02 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:13 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
stahle.susan@epa.gov

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:07 PM  
To: Stahle, Susan <Stahle.Susan@epa.gov>  
Cc: Seidman, Emily <seidman.emily@epa.gov>  
Subject: Re: Subpart W Stakeholder Conference Call

Ok, I'll join at 11 and let you know if I think you need to join at 11:30. Thanks!

Sent from my iPhone

> On Oct 5, 2016, at 5:00 PM, Stahle, Susan <Stahle.Susan@epa.gov> wrote:

>

> I can, but it's not likely the call will go that long (sometimes these calls are only 15 minutes). I have an 11:00 am call myself but can drop off at 11:30 am if you need me to do so, just let me know. Thanks.

>

> Susan Stahle  
> Attorney-Advisor  
> Air and Radiation Law Office  
> Office of General Counsel  
> U.S. Environmental Protection Agency  
> 202-564-1272 (ph)  
> 202-564-5603 (fax)  
> stahle.susan@epa.gov

>

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 5:00 PM

> To: Seidman, Emily <seidman.emily@epa.gov>

> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>

>> Thanks!!

>>

>> -----Original Message-----

>> From: Rodman, Sonja

>> Sent: Wednesday, October 05, 2016 4:57 PM

>> To: Seidman, Emily <seidman.emily@epa.gov>

>> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

>> Subject: Re: Subpart W Stakeholder Conference Call

>>

>> Yup, I'll cover.

>>

>> Sent from my iPhone

>>

>>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>>

>>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>>

>>>

>>>

>>> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:17:51 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:14 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

-----Original Message-----

From: Stahle, Susan  
Sent: Wednesday, October 05, 2016 5:01 PM  
To: Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Subject: RE: Subpart W Stakeholder Conference Call

I can, but it's not likely the call will go that long (sometimes these calls are only 15 minutes). I have an 11:00 am call myself but can drop off at 11:30 am if you need me to do so, just let me know. Thanks.

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:00 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>

Subject: Re: Subpart W Stakeholder Conference Call

Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

Sent from my iPhone

> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>

> Thanks!!

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 4:57 PM

> To: Seidman, Emily <seidman.emily@epa.gov>

> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Yup, I'll cover.

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>

>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>

>>

>>

>> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:17:36 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:14 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
stahle.susan@epa.gov

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 5:00 PM  
To: Seidman, Emily <seidman.emily@epa.gov>  
Cc: Stahle, Susan <Stahle.Susan@epa.gov>  
Subject: Re: Subpart W Stakeholder Conference Call

Oh spoke to soon. I have an 11:30 I need to cover. Sue, could you cover the second half??

Sent from my iPhone

> On Oct 5, 2016, at 4:56 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>

> Thanks!!

>

> -----Original Message-----

> From: Rodman, Sonja

> Sent: Wednesday, October 05, 2016 4:57 PM

> To: Seidman, Emily <seidman.emily@epa.gov>

> Cc: Stahle, Susan <Stahle.Susan@epa.gov>

> Subject: Re: Subpart W Stakeholder Conference Call

>

> Yup, I'll cover.

>

> Sent from my iPhone

>

>> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <seidman.emily@epa.gov> wrote:

>>

>> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>>

>>

>>

>> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:17:20 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:14 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

-----Original Message-----

From: Seidman, Emily  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: RE: Subpart W Stakeholder Conference Call

Thanks!!

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Yup, I'll cover.

Sent from my iPhone

> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>

> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>



>

>

> <meeting.ics>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W Stakeholder Conference Call  
**Date:** Monday, January 09, 2017 9:17:08 AM

---

---

**From:** Stahle, Susan  
**Sent:** Thursday, December 22, 2016 10:14 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W Stakeholder Conference Call

Susan Stahle  
Attorney-Advisor  
Air and Radiation Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
202-564-1272 (ph)  
202-564-5603 (fax)  
[stahle.susan@epa.gov](mailto:stahle.susan@epa.gov)

-----Original Message-----

From: Rodman, Sonja  
Sent: Wednesday, October 05, 2016 4:57 PM  
To: Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
Cc: Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>  
Subject: Re: Subpart W Stakeholder Conference Call

Yup, I'll cover.

Sent from my iPhone

> On Oct 5, 2016, at 4:54 PM, Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)> wrote:

>

> Could either of you cover the Subpart W Stakeholder call for me tomorrow, since I will be on a jury? Thanks!!

>

>

>

> <[meeting.ics](#)>

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tomorrow  
**Date:** Monday, January 09, 2017 9:16:55 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:40 AM  
**To:** Collections.SubW  
**Subject:** FW: Tomorrow

---

**From:** Shogren, Angela  
**Sent:** Tuesday, October 04, 2016 4:17 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Tomorrow

Hi Dan,

Want to talk tomorrow about the Subpart W compliance reporting tool? I'll be in the office and will definitely have some time.

**Angela Shogren**  
Public Affairs Specialist  
Radiation Protection Division  
U.S. Environmental Protection Agency Tel (202) 343-9761  
[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tomorrow  
**Date:** Monday, January 09, 2017 9:16:40 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:40 AM  
**To:** Collections.SubW  
**Subject:** FW: Tomorrow

---

**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 04, 2016 5:10 PM  
**To:** Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
**Subject:** RE: Tomorrow

Yes. I'll catch you in the morning. Thanks.

---

**From:** Shogren, Angela  
**Sent:** Tuesday, October 04, 2016 4:17 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Tomorrow

Hi Dan,

Want to talk tomorrow about the Subpart W compliance reporting tool? I'll be in the office and will definitely have some time.

**Angela Shogren**  
Public Affairs Specialist  
Radiation Protection Division  
U.S. Environmental Protection Agency Tel (202) 343-9761  
[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:16:27 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:42 AM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Initial Briefing for OMB on Subpart W  
**Date:** Monday, January 09, 2017 9:15:57 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:43 AM  
**To:** Collections.SubW  
**Subject:** FW: Initial Briefing for OMB on Subpart W

-----Original Appointment-----

**From:** Thornton, Marisa  
**Sent:** Thursday, October 06, 2016 8:22 AM  
**To:** Schultheisz, Daniel  
**Subject:** Accepted: Initial Briefing for OMB on Subpart W  
**When:** Wednesday, August 03, 2016 3:30 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** DCRoomWest1424/OPEI; Conference Call 1-866-299-3188, Conference Code 2023439765#

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:15:41 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:43 AM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 9:06 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: stakeholder call

Lucky you. Thanks.

I did want to talk a bit about the OMB comments to make sure I understand your suggestions. I have not received comments from management yet.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tony Nesky is teleworking today: 202-343-9597  
**Date:** Monday, January 09, 2017 9:15:28 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:43 AM  
**To:** Collections.SubW  
**Subject:** FW: Tony Nesky is teleworking today: 202-343-9597

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 10:01 AM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

Can you be on the stakeholder call to take notes? Thanks.

---

**From:** Nesky, Anthony  
**Sent:** Thursday, October 06, 2016 9:31 AM  
**To:** OAR-ORIA-RPD-CRIO <[OARORIARPCRIO@epa.gov](mailto:OARORIARPCRIO@epa.gov)>  
**Cc:** Holden, Patricia <[Holden.Patricia@epa.gov](mailto:Holden.Patricia@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>;  
Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** Tony Nesky is teleworking today: 202-343-9597

Teleworking today

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tony Nesky is teleworking today: 202-343-9597  
**Date:** Monday, January 09, 2017 9:15:14 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:44 AM  
**To:** Collections.SubW  
**Subject:** FW: Tony Nesky is teleworking today: 202-343-9597

---

**From:** Nesky, Anthony  
**Sent:** Thursday, October 06, 2016 10:54 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

Only until 11:20-11:30. I have an appointment then.

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 10:01 AM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

Can you be on the stakeholder call to take notes? Thanks.

---

**From:** Nesky, Anthony  
**Sent:** Thursday, October 06, 2016 9:31 AM  
**To:** OAR-ORIA-RPD-CRIO <[OARORIARPD-CRIO@epa.gov](mailto:OARORIARPD-CRIO@epa.gov)>  
**Cc:** Holden, Patricia <[Holden.Patricia@epa.gov](mailto:Holden.Patricia@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>;  
Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>  
**Subject:** Tony Nesky is teleworking today: 202-343-9597

Teleworking today

Tony Nesky  
Center for Radiation Information and Outreach

Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Tony Nesky is teleworking today: 202-343-9597  
**Date:** Monday, January 09, 2017 9:14:58 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:44 AM  
**To:** Collections.SubW  
**Subject:** FW: Tony Nesky is teleworking today: 202-343-9597

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 11:00 AM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

I'll listen for the beep. Thanks.

---

**From:** Nesky, Anthony  
**Sent:** Thursday, October 06, 2016 10:54 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

Only until 11:20-11:30. I have an appointment then.

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 10:01 AM  
**To:** Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>  
**Subject:** RE: Tony Nesky is teleworking today: 202-343-9597

Can you be on the stakeholder call to take notes? Thanks.

---

**From:** Nesky, Anthony  
**Sent:** Thursday, October 06, 2016 9:31 AM  
**To:** OAR-ORIA-RPD-CRIO <[OARORIARPCRIO@epa.gov](mailto:OARORIARPCRIO@epa.gov)>

**Cc:** Holden, Patricia <[Holden.Patricia@epa.gov](mailto:Holden.Patricia@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>;  
Rosencrantz, Ingrid <[Rosencrantz.Ingrid@epa.gov](mailto:Rosencrantz.Ingrid@epa.gov)>

**Subject:** Tony Nesky is teleworking today: 202-343-9597

Teleworking today

Tony Nesky  
Center for Radiation Information and Outreach  
Tel: 202-343-9597  
[nesky.tony@epa.gov](mailto:nesky.tony@epa.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: July 11 Revision to Subpart W Final Rule  
**Date:** Monday, January 09, 2017 9:14:45 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:44 AM  
**To:** Collections.SubW  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

---

**From:** Johnson, Ann  
**Sent:** Thursday, October 06, 2016 1:28 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

---

**From:** Johnson, Ann  
**Sent:** Monday, July 11, 2016 12:06 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Thank you.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, July 11, 2016 11:35 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

FYI, Janet had some very minor comments on the version sent last week and we expect it to move to OP this week.

---

**From:** Cyran, Carissa  
**Sent:** Monday, July 11, 2016 11:32 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Good morning, Dan,

No, I will send this version electronically to Janet since we don't need hard copies, and have her sign the transmittal memo hopefully tonight.

Thank you!

Carissa

---

**From:** Schultheisz, Daniel

**Sent:** Monday, July 11, 2016 11:27 AM

**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

**Subject:** July 11 Revision to Subpart W Final Rule

Carissa:

Attached is a revised version of the rule/preamble incorporating Janet's comments over the weekend. Thanks for sending it on to her, and I appreciate her getting to it so quickly. In her note to Jon Edwards, she said "this should be ready to move to the next step." Is there anything else you need from me to make that happen? Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: July 11 Revision to Subpart W Final Rule  
**Date:** Monday, January 09, 2017 9:14:28 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:44 AM  
**To:** Collections.SubW  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

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**Sent:** Thursday, October 06, 2016 1:31 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: July 11 Revision to Subpart W Final Rule

Oops. Meant this for collections.

---

**From:** Johnson, Ann  
**Sent:** Thursday, October 06, 2016 1:28 PM  
**To:** Daniel Schultheisz ([Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)) <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: July 11 Revision to Subpart W Final Rule

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**Sent:** Monday, July 11, 2016 12:06 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**Sent:** Monday, July 11, 2016 11:35 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>  
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**Sent:** Monday, July 11, 2016 11:32 AM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

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Carissa

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**From:** Schultheisz, Daniel

**Sent:** Monday, July 11, 2016 11:27 AM

**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>

**Cc:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>

**Subject:** July 11 Revision to Subpart W Final Rule

Carissa:

Attached is a revised version of the rule/preamble incorporating Janet's comments over the weekend. Thanks for sending it on to her, and I appreciate her getting to it so quickly. In her note to Jon Edwards, she said "this should be ready to move to the next step." Is there anything else you need from me to make that happen? Thanks.

Dan



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Meeting Forward Notification: Initial Briefing for OMB on Subpart W  
**Date:** Monday, January 09, 2017 9:13:44 AM

---

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:45 AM  
**To:** Collections.SubW  
**Subject:** FW: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

---

**From:** Thornton, Marisa  
**Sent:** Friday, October 07, 2016 8:44 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

Good Morning Dan,

Do you want me to add this appointment to the july-august PDF?

Marisa

-----Original Appointment-----

**From:** Schultheisz, Daniel  
**Sent:** Friday, October 07, 2016 8:38 AM  
**To:** Schultheisz, Daniel; Thornton, Marisa  
**Subject:** Meeting Forward Notification: Initial Briefing for OMB on Subpart W  
**When:** Wednesday, August 03, 2016 7:30 PM-8:30 PM tzone://Microsoft/Utc.  
**Where:** DCRoomWest1424/OPEI; Conference Call 1-866-299-3188, Conference Code 2023439765#

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: note from Inside EPA  
**Date:** Monday, January 09, 2017 9:13:32 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:45 AM  
**To:** Collections.SubW  
**Subject:** FW: note from Inside EPA

---

**From:** Edwards, Jonathan  
**Sent:** Friday, October 07, 2016 8:50 AM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** Fwd: note from Inside EPA

Please take a look at this and draft a response I can send back to Janet. Thanks.

Sent from my iPhone

Begin forwarded message:

**From:** "McCabe, Janet" <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>  
**Date:** October 7, 2016 at 8:45:16 AM EDT  
**To:** "Edwards, Jonathan" <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Subject:** note from Inside EPA

Jon—was this a 12866 call, Jon, or a call we hosted? Seems odd that we would be hosting a call on a rule that's in interagency review.

## **EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule**

October 06, 2016

EPA is preparing to issue a final air rule governing radon emissions from uranium mining waste next month, agency staff says, once the agency has resolved issues raised during recent interagency consultation on the rule's definition of "operating" waste impoundments -- a key question that determines which sites are subject to the rule.

On a public conference call Oct. 6, staff said that the revision to

Clean Air Act “Subpart W” rules, proposed in 2014, will likely be complete in November. The agency sent the final rule for mandatory White House Office of Management and Budget (OMB) [pre-publication review in July](#), and EPA is now considering its response to points raised by other, unnamed federal agencies during interagency review, staff said.

While EPA staff on the call declined to give specifics, they confirmed that among the issues raised during OMB review were “definitional” and “operational” issues. One such issue is clarification of which impoundments are considered “operating,” and hence subject to the Subpart W rules.

EPA's May 2, 2014, proposed version of the radon emissions rule floated several changes to the existing Subpart W regulation which set radon emissions limits for uranium “tailings” or waste. The agency proposed that certain impoundments and “heap leach piles” must maintain minimum liquid levels to control their radon emissions; that generally available control technology be required for affected sources at various types of uranium mills; to tailor regulatory definitions to reflect the evolution of uranium mining facilities; to remove certain monitoring requirements EPA viewed as redundant; and to define requirements for waste facility liners. One environmentalist on the call suggested a legal challenge to the final rule is likely if it resembles the proposal, as environmental groups consider the proposed version to be unlawfully weak.

Meanwhile, EPA sent a related final rule to OMB for review Oct. 5 on “health and environmental protection standards for uranium and thorium mill tailings and uranium in situ leaching processing facilities,” according to OMB's website, which says the agency intends to publish the rule in November.

EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska. -- *Stuart Parker* ([sparker@iwppnews.com](mailto:sparker@iwppnews.com))

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: note from Inside EPA  
**Date:** Monday, January 09, 2017 9:13:11 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:45 AM  
**To:** Collections.SubW  
**Subject:** FW: note from Inside EPA

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, October 07, 2016 9:23 AM  
**To:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Cc:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** Re: note from Inside EPA

Jon:

This was our quarterly stakeholder conference call for Subpart W held pursuant to the settlement agreement. As part of a general update, I noted that we had received consolidated interagency comments from OMB and responses were in internal review. The question came as to what the comments addressed. As this article notes, no specifics were given. I did note that an important issue in the proposal was the definition of "operation" (i.e., when does Subpart W no longer apply), and that some comments touched on this issue.

I never considered whether the settlement agreement made exceptions for quarterly calls during OMB review. I don't think we skipped them during OMB review for the proposal. OGC did not raise this and Sonja was on the call (because Sue had a conflict and Emily had jury duty). I spoke with Sue afterward and told her how the call went.

Let me know if you need more.

Dan

Sent from my iPhone

On Oct 7, 2016, at 8:50 AM, Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)> wrote:

Please take a look at this and draft a response I can send back to Janet. Thanks.

Sent from my iPhone

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**From:** "McCabe, Janet" <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>  
**Date:** October 7, 2016 at 8:45:16 AM EDT  
**To:** "Edwards, Jonathan" <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Subject:** note from Inside EPA

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EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska.

-- *Stuart Parker* ([sparker@iwppnews.com](mailto:sparker@iwppnews.com))

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Meeting Forward Notification: Initial Briefing for OMB on Subpart W  
**Date:** Monday, January 09, 2017 9:12:59 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:45 AM  
**To:** Collections.SubW  
**Subject:** FW: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, October 07, 2016 9:25 AM  
**To:** Thornton, Marisa <[Thornton.Marisa@epa.gov](mailto:Thornton.Marisa@epa.gov)>  
**Subject:** Re: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

If you can do it easily. Thanks.

Sent from my iPhone

On Oct 7, 2016, at 8:44 AM, Thornton, Marisa <[Thornton.Marisa@epa.gov](mailto:Thornton.Marisa@epa.gov)> wrote:

Good Morning Dan,

Do you want me to add this appointment to the july-august PDF?

Marisa

-----Original Appointment-----

**From:** Schultheisz, Daniel  
**Sent:** Friday, October 07, 2016 8:38 AM  
**To:** Schultheisz, Daniel; Thornton, Marisa  
**Subject:** Meeting Forward Notification: Initial Briefing for OMB on Subpart W  
**When:** Wednesday, August 03, 2016 7:30 PM-8:30 PM tzone://Microsoft/Utc.  
**Where:** DCRoomWest1424/OPEI; Conference Call 1-866-299-3188, Conference Code 2023439765#

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Oct. 6 Quarterly Subpart W Call  
**Date:** Monday, January 09, 2017 9:12:47 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:45 AM  
**To:** Collections.SubW  
**Subject:** FW: Oct. 6 Quarterly Subpart W Call

---

**From:** sarah@uraniumwatch.org [mailto:sarah@uraniumwatch.org]  
**Sent:** Friday, October 07, 2016 11:44 AM  
**To:** Schultheisz, Daniel <Schultheisz.Daniel@epa.gov>  
**Subject:** Oct. 6 Quarterly Subpart W Call

Dear Mr. Schultheisz,

Yesterday on the Subpart W call you mentioned that Energy Fuels Resources Inc. and the National Mining Association has held meetings with the OMB regarding the Subpart W final rule. You indicated that materials that had been submitted by the NMA was on the NMA website. I looked at their website, but have not been able to find any information about any information submitted to the OMB by the NMA (or Energy Fuels).

If you have a link to that information, I would appreciate it is you would send the link to me.

Thank you,

Sarah Fields  
Program Director  
Uranium Watch  
PO Box 344  
Moab, Utah 84532  
435-260-8384



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Meeting Forward Notification: Initial Briefing for OMB on Subpart W  
**Date:** Monday, January 09, 2017 9:12:27 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

---

**From:** Thornton, Marisa  
**Sent:** Friday, October 07, 2016 11:54 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Sschultheisz.Daniel@epa.gov)>  
**Subject:** RE: Meeting Forward Notification: Initial Briefing for OMB on Subpart W

[Your update has been published.](#)

---

**From:** Schultheisz, Daniel  
**Sent:** Friday, October 07, 2016 9:25 AM  
**To:** Thornton, Marisa <[Thornton.Marisa@epa.gov](mailto:Thornton.Marisa@epa.gov)>  
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2023439765#

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W in Inside EPA...  
**Date:** Monday, January 09, 2017 9:12:12 AM

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---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W in Inside EPA...

---

**From:** Egidi, Philip  
**Sent:** Friday, October 07, 2016 12:56 PM  
**To:** Peake, Tom <Peake.Tom@epa.gov>; Schultheisz, Daniel <Schultheisz.Daniel@epa.gov>; Shogren, Angela <Shogren.Angela@epa.gov>; Stahle, Susan <Stahle.Susan@epa.gov>; Perrin, Alan <Perrin.Alan@epa.gov>; Werner, Jacqueline <Werner.Jacqueline@epa.gov>  
**Subject:** Subpart W in Inside EPA...

Daily News

## EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule

October 06, 2016

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195286

FYI

PVE

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: note from Inside EPA  
**Date:** Monday, January 09, 2017 9:12:00 AM

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---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: note from Inside EPA

---

**From:** Edwards, Jonathan  
**Sent:** Friday, October 07, 2016 1:53 PM  
**To:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: note from Inside EPA

FYi

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**From:** Edwards, Jonathan  
**Sent:** Friday, October 07, 2016 1:53 PM  
**To:** McCabe, Janet <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>  
**Subject:** RE: note from Inside EPA

Dear Janet--- This was not a 12866 call, but a quarterly call held with Subpart W stakeholders as a result of a settlement agreement reached with a couple of activist groups around 2010. The activist groups were going to file suit since 40 CFR part 61, Subpart W was a pre-1990 NESHAP that had not been reviewed as required by the 1990 Clean Air Act amendments. Instead of fighting a lawsuit, the Agency entered into a settlement agreement, one part of which was that EPA would hold quarterly calls open to the public until EPA made a decision (i.e., a final rule or “no change needed” determination) on the regulation. Once the rule is final then there are no more quarterly calls.

I believe the settlement agreement does not make exceptions for skipping quarterly calls during OMB review, although this should be verified by OGC. I don't think we skipped them during OMB review for the proposal. OGC did not raise this consideration and an OGC attorney was on the call. Please let us know if you have further concerns.... Thank you, Jon

---

**From:** McCabe, Janet  
**Sent:** Friday, October 07, 2016 8:45 AM

**To:** Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>

**Subject:** note from Inside EPA

Jon—was this a 12866 call, Jon, or a call we hosted? Seems odd that we would be hosting a call on a rule that's in interagency review.

## **EPA Weighs 'Operating' Definition For Final Uranium Waste Radon Air Rule**

October 06, 2016

EPA is preparing to issue a final air rule governing radon emissions from uranium mining waste next month, agency staff says, once the agency has resolved issues raised during recent interagency consultation on the rule's definition of “operating” waste impoundments -- a key question that determines which sites are subject to the rule.

On a public conference call Oct. 6, staff said that the revision to Clean Air Act “Subpart W” rules, proposed in 2014, will likely be complete in November. The agency sent the final rule for mandatory White House Office of Management and Budget (OMB) [pre-publication review in July](#), and EPA is now considering its response to points raised by other, unnamed federal agencies during interagency review, staff said.

While EPA staff on the call declined to give specifics, they confirmed that among the issues raised during OMB review were “definitional” and “operational” issues. One such issue is clarification of which impoundments are considered “operating,” and hence subject to the Subpart W rules.

EPA's May 2, 2014, proposed version of the radon emissions rule floated several changes to the existing Subpart W regulation which set radon emissions limits for uranium “tailings” or waste.

The agency proposed that certain impoundments and “heap leach piles” must maintain minimum liquid levels to control their radon emissions; that generally available control technology be required for affected sources at various types of uranium mills; to tailor regulatory definitions to reflect the evolution of uranium mining facilities; to remove certain monitoring requirements EPA viewed as redundant; and to define requirements for waste facility liners.

One environmentalist on the call suggested a legal challenge to the final rule is likely if it resembles the proposal, as environmental groups consider the proposed version to be unlawfully weak.

Meanwhile, EPA sent a related final rule to OMB for review Oct. 5 on “health and environmental protection standards for uranium and thorium mill tailings and uranium in situ leaching processing facilities,” according to OMB's website, which says the agency intends to publish the rule in November.

EPA proposed to update these standards in January 2016, taking into

account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska. --  
*Stuart Parker* ([sparker@iwpnews.com](mailto:sparker@iwpnews.com))

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: note from Inside EPA  
**Date:** Monday, January 09, 2017 9:10:25 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: note from Inside EPA

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**From:** Edwards, Jonathan  
**Sent:** Friday, October 07, 2016 10:17 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Fwd: note from Inside EPA

FYI

Sent from my iPhone

Begin forwarded message:

**From:** "McCabe, Janet" <[McCabe.Janet@epa.gov](mailto:McCabe.Janet@epa.gov)>  
**Date:** October 7, 2016 at 6:35:17 PM EDT  
**To:** "Edwards, Jonathan" <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>  
**Subject: Re: note from Inside EPA**

Thanks Jon. I now remember this element of the settlement, which I had forgotten. I figured there was some explanation.

No need for anything further.

Sent from my iPhone

On Oct 7, 2016, at 11:52 AM, Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)> wrote:

Dear Janet--- This was not a 12866 call, but a quarterly call held with Subpart W stakeholders as a result of a settlement agreement reached with a couple of activist groups around 2010. The activist groups were going to file suit since 40 CFR part 61, Subpart W was a pre-1990 NESHAP that had not been reviewed as required by the 1990 Clean Air Act



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**From:** McCabe, Janet

**Sent:** Friday, October 07, 2016 8:45 AM

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EPA proposed to update these standards in January 2016, taking into account changes to practices within the industry and the characteristics of new facilities being proposed in states including Virginia and Alaska.

-- *Stuart Parker* ([sparker@iwppnews.com](mailto:sparker@iwppnews.com))

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: stakeholder call  
**Date:** Monday, January 09, 2017 9:10:09 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: stakeholder call

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**From:** Seidman, Emily  
**Sent:** Tuesday, October 11, 2016 8:51 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: stakeholder call

Sure, I'm free to chat anytime about the OMB comment responses.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 06, 2016 9:06 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: stakeholder call

Lucky you. Thanks.

I did want to talk a bit about the OMB comments to make sure I understand your suggestions. I have not received comments from management yet.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 06, 2016 8:21 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** stakeholder call

Hi Dan,

I am on jury duty today (and was selected to sit on a jury) so Sonja and/or Sue will be covering the stakeholder call this morning.

Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

CONFIDENTIAL communication for internal deliberations only; may contain deliberative, attorney-client, attorney work product, or otherwise privileged material; do not distribute outside EPA or DOJ.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Oct. 6 Quarterly Subpart W Call  
**Date:** Monday, January 09, 2017 9:09:56 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:46 AM  
**To:** Collections.SubW  
**Subject:** FW: Oct. 6 Quarterly Subpart W Call

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**From:** Schultheisz, Daniel  
**Sent:** Tuesday, October 11, 2016 12:11 PM  
**To:** 'sarah@uraniumwatch.org' <sarah@uraniumwatch.org>  
**Subject:** RE: Oct. 6 Quarterly Subpart W Call

Ms. Fields:

The information provided to OMB, along with meeting summaries, are supposed to be posted on OMB's website at <http://www.reginfo.gov>. However, I have checked that website and did not find summaries of any of the three meetings held with outside stakeholders, including the meeting you participated in on September 6. I have a call in to the OMB desk officer to see when the summaries will be posted (and make sure I am looking in the right place). I was hoping to hear back before replying to you, but thought it best to at least let you know what I have found so far. I will let you know when I hear back from OMB. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

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**From:** [sarah@uraniumwatch.org](mailto:sarah@uraniumwatch.org) [<mailto:sarah@uraniumwatch.org>]  
**Sent:** Friday, October 07, 2016 11:44 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Oct. 6 Quarterly Subpart W Call

Dear Mr. Schultheisz,

Yesterday on the Subpart W call you mentioned that Energy Fuels Resources Inc. and the National Mining Association has held meetings with the OMB regarding the Subpart W final rule. You indicated that materials that had been submitted

by the NMA was on the NMA website. I looked at their website, but have not been able to find any information about any information submitted to the OMB by the NMA (or Energy Fuels).

If you have a link to that information, I would appreciate it if you would send the link to me.

Thank you,

Sarah Fields  
Program Director  
Uranium Watch  
PO Box 344  
Moab, Utah 84532  
435-260-8384

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Pre-brief on OAR Rule Effectiveness  
**Date:** Monday, January 09, 2017 9:09:25 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Pre-brief on OAR Rule Effectiveness

-----Original Appointment-----

**From:** Schultheisz, Daniel  
**Sent:** Wednesday, October 12, 2016 12:18 PM  
**To:** Perrin, Alan  
**Subject:** Accepted: Pre-brief on OAR Rule Effectiveness  
**When:** Wednesday, October 12, 2016 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Jacqueline Office

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W?  
**Date:** Monday, January 09, 2017 9:07:45 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W?

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**From:** Perrin, Alan  
**Sent:** Thursday, October 13, 2016 1:44 PM  
**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

We are just completing the response to OMB comments; hope to have them back to OMB this week.  
-Alan

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---

**From:** Owens, Nicole  
**Sent:** Thursday, October 13, 2016 12:36 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

The last thing I heard was that we owed OMB a revised version. Have we sent that? If so, when? Our call this week got postponed to tomorrow so I can try to find out more.

Nicole

---

**From:** Cyran, Carissa  
**Sent:** Thursday, October 13, 2016 12:05 PM



**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>

**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

**Subject:** Any updates on Subpart W?

Hello, Nicole.

Do you have any updates from OMB on the status of Subpart W? We have been targeting 10/28 for signature but haven't heard anything.

Thank you as always for the inside info!

Carissa

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W?  
**Date:** Monday, January 09, 2017 9:07:31 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W?

---

**From:** Cyran, Carissa  
**Sent:** Thursday, October 13, 2016 3:35 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

Thank you Alan. Can we assume this rule won't be signed by 10/28, push it out a week?

---

**From:** Perrin, Alan  
**Sent:** Thursday, October 13, 2016 1:44 PM  
**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

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**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>

**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

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**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W?  
**Date:** Monday, January 09, 2017 9:06:52 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W?

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**Sent:** Thursday, October 13, 2016 3:46 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
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**Subject:** RE: Any updates on Subpart W?

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Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

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**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>

**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

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Carissa

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W?  
**Date:** Monday, January 09, 2017 9:05:32 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W?

---

**From:** Lee, Raymond  
**Sent:** Thursday, October 13, 2016 3:50 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Re: Any updates on Subpart W?

Hi all,

That is definitely more realistic. The fact being, we were instructed in ADP to put a signature date no later than three months past the OMB review cut-off date. I believe this was to make sure that things didn't get caught up at OMB longer than they should, but realistically if they do take their full three-month review we would need a bit of time to turn the package around after that.

Thanks,

Ray

---

**From:** Perrin, Alan  
**Sent:** Thursday, October 13, 2016 3:46:11 PM  
**To:** Cyran, Carissa; Owens, Nicole  
**Cc:** Lee, Raymond; Knapp, Kristien; Schultheisz, Daniel  
**Subject:** RE: Any updates on Subpart W?

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Alan Perrin, Deputy Director  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

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**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**From:** Perrin, Alan  
**Sent:** Thursday, October 13, 2016 1:44 PM  
**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

We are just completing the response to OMB comments; hope to have them back to OMB this week.  
-Alan

---

Alan Perrin, Deputy Director  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---

**From:** Owens, Nicole  
**Sent:** Thursday, October 13, 2016 12:36 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

The last thing I heard was that we owed OMB a revised version. Have we sent that? If so, when? Our call this week got postponed to tomorrow so I can try to find out more.

Nicole

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**From:** Cyran, Carissa  
**Sent:** Thursday, October 13, 2016 12:05 PM

**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>

**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

**Subject:** Any updates on Subpart W?

Hello, Nicole.

Do you have any updates from OMB on the status of Subpart W? We have been targeting 10/28 for signature but haven't heard anything.

Thank you as always for the inside info!

Carissa



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revised Responses to OMB Comments on Subpart W  
**Date:** Monday, January 09, 2017 9:05:18 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:47 AM  
**To:** Collections.SubW  
**Subject:** FW: Revised Responses to OMB Comments on Subpart W

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 13, 2016 4:33 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

Thanks. I see a couple of word changes to your revision, but nothing major.

We were hoping to get this back to OMB by the end of the week. What do you think re: Sonja's review?

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 13, 2016 4:08 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

Dan,

These revisions look good. I've made additional revisions to #6. See if you agree. I'm open to further discussions on how best to clearly convey this point. I'll pass this along to Sonja for her review (however she is on sick leave today and is scheduled to be out tomorrow).

Thanks,  
Emily

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Schultheisz, Daniel

**Sent:** Thursday, October 13, 2016 1:38 PM

**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>

**Subject:** Revised Responses to OMB Comments on Subpart W

Emily:

Revisions as we discussed. See what you think, particularly #6. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Revised Responses to OMB Comments on Subpart W  
**Date:** Monday, January 09, 2017 9:04:58 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:48 AM  
**To:** Collections.SubW  
**Subject:** FW: Revised Responses to OMB Comments on Subpart W

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**From:** Seidman, Emily  
**Sent:** Thursday, October 13, 2016 4:34 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Revised Responses to OMB Comments on Subpart W

I asked her to aim to complete her review by the beginning of the week. I'll keep you posted.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:04:35 AM

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**Sent:** Thursday, December 22, 2016 11:48 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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**From:** Szabo, Aaron L. EOP/OMB [mailto:[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Thursday, October 13, 2016 7:32 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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Aaron L. Szabo  
Policy Analyst  
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Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

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**From:** Szabo, Aaron L. EOP/OMB

**Sent:** Wednesday, September 14, 2016 2:39 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:02:15 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:48 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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**From:** Schultheisz, Daniel  
**Sent:** Friday, October 14, 2016 7:56 AM  
**To:** 'Szabo, Aaron L. EOP/OMB' <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
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Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

Dan

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**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:02:15 AM

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:01:16 AM

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**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Yes.

---

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**Sent:** Friday, October 14, 2016 8:40 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Re: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Pretty sure I sent you my markup last week. Can you verify?  
PVE

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**To:** Szabo, Aaron L. EOP/OMB  
**Cc:** Johnson, Ann; Werner, Jacqueline; Perrin, Alan; Peake, Tom; Nesky, Anthony; Egidi, Philip; Seidman, Emily; Stahle, Susan; Rodman, Sonja  
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Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

Dan

---

**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Thursday, October 13, 2016 7:32 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Dan,

I was just wondering if you had a status update on the responses to interagency comments (or if you sent them and I missed them). I am not rushing anything, I just want to make sure that you are not waiting for me.

Thanks.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

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**From:** Szabo, Aaron L. EOP/OMB  
**Sent:** Wednesday, September 14, 2016 2:39 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule --

Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W?  
**Date:** Monday, January 09, 2017 9:01:02 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:48 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W?

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**From:** Owens, Nicole  
**Sent:** Friday, October 14, 2016 9:27 AM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

Alan, just checking if we are on track to send comments back to OMB today?

Thanks,  
Nicole

---

**From:** Cyran, Carissa  
**Sent:** Thursday, October 13, 2016 3:35 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

Thank you Alan. Can we assume this rule won't be signed by 10/28, push it out a week?

---

**From:** Perrin, Alan  
**Sent:** Thursday, October 13, 2016 1:44 PM  
**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

We are just completing the response to OMB comments; hope to have them back to OMB this week.

-Alan

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---

**From:** Owens, Nicole  
**Sent:** Thursday, October 13, 2016 12:36 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Subject:** RE: Any updates on Subpart W?

The last thing I heard was that we owed OMB a revised version. Have we sent that? If so, when? Our call this week got postponed to tomorrow so I can try to find out more.

Nicole

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**From:** Cyran, Carissa  
**Sent:** Thursday, October 13, 2016 12:05 PM  
**To:** Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Lee, Raymond <[Lee.Raymond@epa.gov](mailto:Lee.Raymond@epa.gov)>; Knapp, Kristien <[Knapp.Kristien@epa.gov](mailto:Knapp.Kristien@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Subject:** Any updates on Subpart W?

Hello, Nicole.

Do you have any updates from OMB on the status of Subpart W? We have been targeting 10/28 for signature but haven't heard anything.

Thank you as always for the inside info!

Carissa

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 9:00:01 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:49 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

---

**From:** Szabo, Aaron L. EOP/OMB [mailto:[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Friday, October 14, 2016 12:20 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Thanks Dan. There is no rush, so please take your time. I just wanted to make sure that I had no missed anything as I have a number of various projects right now.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

---

**From:** Schultheisz, Daniel [mailto:[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)]  
**Sent:** Friday, October 14, 2016 7:56 AM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony



<[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

Thanks for checking. I am hoping to get responses to you today or Monday at the latest. Any delays are on me for not getting at them as quickly as I expected.

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**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]

**Sent:** Thursday, October 13, 2016 7:32 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>

**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Dan,

I was just wondering if you had a status update on the responses to interagency comments (or if you sent them and I missed them). I am not rushing anything, I just want to make sure that you are not waiting for me.

Thanks.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

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**Sent:** Wednesday, September 14, 2016 2:39 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>;

Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

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Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W review  
**Date:** Monday, January 09, 2017 8:59:36 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:49 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W review

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 7:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Subpart W review

Emily:

Just wanted to let you know that I will be leaving around 1 pm today to catch a flight. I will be back in the office Thursday. So if we can get Sonja's approval this morning, that would be great. I should have let you know this on Friday. Thanks.

Dan

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 8:59:22 AM

---

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:49 AM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:52 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Thanks. I will make these changes and send along to OMB.

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Dan,

Please see the attached. I agree with Sonja's revisions. Please be in touch to discuss if you have any questions or concerns.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
(cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Tuesday, January 10, 2017 7:18:17 AM

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:49 AM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:55 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Ok.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Meant to note that Sonja's first comment was a correction to the comment. Alan had a similar edit. I am not going to edit the comments.

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:52 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Just a very few suggestions on Dan's draft

Thanks. I will make these changes and send along to OMB.

---

**From:** Seidman, Emily  
**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

Dan,

Please see the attached. I agree with Sonja's revisions. Please be in touch to discuss if you have any questions or concerns.

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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---

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**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

It would be great if he could get this back to OMB today. thanks.

Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air / Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120 (cell)

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Just a very few suggestions on Dan's draft  
**Date:** Monday, January 09, 2017 8:59:09 AM

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---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:49 AM  
**To:** Collections.SubW  
**Subject:** FW: Just a very few suggestions on Dan's draft

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**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 11:54 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** FW: Just a very few suggestions on Dan's draft

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**Sent:** Monday, October 17, 2016 11:52 AM  
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**Sent:** Monday, October 17, 2016 11:22 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
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**From:** Rodman, Sonja  
**Sent:** Monday, October 17, 2016 11:09 AM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** Just a very few suggestions on Dan's draft

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Sonja L. Rodman, Assistant General Counsel for Air Toxics, Consumer Protection and Indoor Air /  
Office of General Counsel / U.S. Environmental Protection Agency / (202) 564-4079 / 202-768-2120  
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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 8:58:42 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

---

**From:** Perrin, Alan  
**Sent:** Monday, October 17, 2016 12:29 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Thanks, Dan. Have a good trip! -Alan

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

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**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 12:16 PM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

Please find attached responses to the interagency comments on Subpart W. Also attached is a revised draft preamble/rule incorporating the proposed revisions. Please let me know if you need anything else. Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

---

**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]  
**Sent:** Wednesday, September 14, 2016 2:39 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)  
**Date:** Monday, January 09, 2017 8:58:28 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

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**From:** Perrin, Alan  
**Sent:** Monday, October 17, 2016 12:34 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>; Owens, Nicole <[Owens.Nicole@epa.gov](mailto:Owens.Nicole@epa.gov)>  
**Cc:** Lewis, Josh <[Lewis.Josh@epa.gov](mailto:Lewis.Josh@epa.gov)>; Edwards, Jonathan <[Edwards.Jonathan@epa.gov](mailto:Edwards.Jonathan@epa.gov)>; Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** FW: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

FYI, the 40 CFR 61, subpart W revisions have gone back to Aaron Szabo at OMB. -Alan

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---

**From:** Schultheisz, Daniel  
**Sent:** Monday, October 17, 2016 12:16 PM  
**To:** Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>  
**Subject:** RE: Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Aaron:

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Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

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**From:** Szabo, Aaron L. EOP/OMB [[mailto:Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)]

**Sent:** Wednesday, September 14, 2016 2:39 PM

**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>

**Cc:** Johnson, Ann <[Johnson.Ann@epa.gov](mailto:Johnson.Ann@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Peake, Tom <[Peake.Tom@epa.gov](mailto:Peake.Tom@epa.gov)>; Nesky, Anthony <[Nesky.Tony@epa.gov](mailto:Nesky.Tony@epa.gov)>; Egidi, Philip <[Egidi.Philip@epa.gov](mailto:Egidi.Philip@epa.gov)>; Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>; Stahle, Susan <[Stahle.Susan@epa.gov](mailto:Stahle.Susan@epa.gov)>; Rodman, Sonja <[Rodman.Sonja@epa.gov](mailto:Rodman.Sonja@epa.gov)>; Szabo, Aaron L. EOP/OMB <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>

**Subject:** Summary of Interagency Comments under EO12866 and 13563 for EPA Final Rule -- Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings (2060-AP26)

Attached please find the summary of interagency comments under EO 12866 and 13563 for the EPA draft final rule entitled, "Revisions to National Emission Standards for Radon Emissions from Operating Mill Tailings" (2060-AP26).

Please let me know if you have any questions.

Aaron L. Szabo  
Policy Analyst  
Office of Information and Regulatory Affairs  
Office of Management and Budget  
202-395-3621  
[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 8:57:55 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

-----Original Message-----

From: Schultheisz, Daniel [<mailto:Schultheisz.Daniel@epa.gov>]  
Sent: Thursday, October 20, 2016 8:32 PM  
To: Shogren, Angela <[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)>  
Subject: Subpart W

Sorry, I meant to send this earlier. I got your message, and we understand that if the requirements change, we will have to change with them, and it may cost us something.

I think the work can proceed. Thanks.

Sent from my iPhone

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 8:57:43 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

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**From:** Shogren, Angela  
**Sent:** Friday, October 21, 2016 7:48 AM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Re: Subpart W

Thanks for sending - just wanted to make sure again (since they brought it up again!).

I'll give you a status update as soon as we start hitting milestones in the tool's creation.

**Angela Shogren**  
Public Affairs Specialist  
Radiation Protection Division  
U.S. Environmental Protection Agency Tel (202) 343-9761  
[Shogren.Angela@epa.gov](mailto:Shogren.Angela@epa.gov)

On Oct 20, 2016, at 8:31 PM, Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)> wrote:

Sorry, I meant to send this earlier. I got your message, and we understand that if the requirements change, we will have to change with them, and it may cost us something.

I think the work can proceed. Thanks.

Sent from my iPhone

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W? Do you think it will clear OMB this week or next?  
**Date:** Monday, January 09, 2017 8:56:24 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W? Do you think it will clear OMB this week or next?

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**From:** Perrin, Alan  
**Sent:** Thursday, October 27, 2016 12:16 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** RE: Any updates on Subpart W? Do you think it will clear OMB this week or next?

Carissa, Dan is sending a note over to the OMB desk officer requesting status (I think the 90 day mark is tomorrow). We have not heard from OMB since our revisions (& RTC) went back on October 17. We'll let you know if we learn anything further concerning the OMB time table for this. -Alan

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

---

**From:** Cyran, Carissa  
**Sent:** Thursday, October 27, 2016 10:17 AM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Subject:** Any updates on Subpart W? Do you think it will clear OMB this week or next?

*Carissa Cyran*  
*Office of Air and Radiation*  
*U.S. Environmental Protection Agency*  
*Phone: (202) 564-5437*



**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 8:56:06 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:50 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 27, 2016 12:18 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Subpart W

Hi Dan,

Any word back from OMB on our responses to the comments? Thanks!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

CONFIDENTIAL communication for internal deliberations only; may contain deliberative, attorney-client, attorney work product, or otherwise privileged material; do not distribute outside EPA or DOJ.

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Update on Subpart W Review?  
**Date:** Monday, January 09, 2017 8:55:51 AM

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---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:51 AM  
**To:** Collections.SubW  
**Subject:** FW: Update on Subpart W Review?

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 27, 2016 12:22 PM  
**To:** 'Szabo, Aaron L. EOP/OMB' <[Aaron\\_L\\_Szabo@omb.eop.gov](mailto:Aaron_L_Szabo@omb.eop.gov)>  
**Subject:** Update on Subpart W Review?

Aaron:

I am getting some questions about where the Subpart W review stands, noting that we are coming up on 90 days since the package was submitted to OMB on July 28. Is there anything you can tell me? Thanks.

Dan Schultheisz  
U.S. Environmental Protection Agency  
Office of Radiation and Indoor Air  
Radiation Protection Division  
(202) 343-9349

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Subpart W  
**Date:** Monday, January 09, 2017 8:54:38 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:51 AM  
**To:** Collections.SubW  
**Subject:** FW: Subpart W

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 27, 2016 12:23 PM  
**To:** Seidman, Emily <[seidman.emily@epa.gov](mailto:seidman.emily@epa.gov)>  
**Subject:** RE: Subpart W

Not yet. I have sent a note, as others are asking, given that we are up against the 90-day review time.

---

**From:** Seidman, Emily  
**Sent:** Thursday, October 27, 2016 12:18 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>  
**Subject:** Subpart W

Hi Dan,

Any word back from OMB on our responses to the comments? Thanks!

Emily Seidman | US EPA | Office of General Counsel | Air and Radiation Law Office | Mail Code 2344A | WJCN 7502A | phone: (202) 564-0906

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**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W? Do you think it will clear OMB this week or next?  
**Date:** Monday, January 09, 2017 8:54:24 AM

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**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:51 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W? Do you think it will clear OMB this week or next?

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 27, 2016 12:33 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** RE: Any updates on Subpart W? Do you think it will clear OMB this week or next?

Just got off the phone with the desk officer. He believes there is only one comment that we will need to respond to, which he is going to send over. He thinks it may be possible to get clearance next week, but more likely the week after.

---

**From:** Perrin, Alan  
**Sent:** Thursday, October 27, 2016 12:16 PM  
**To:** Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** RE: Any updates on Subpart W? Do you think it will clear OMB this week or next?

Carissa, Dan is sending a note over to the OMB desk officer requesting status (I think the 90 day mark is tomorrow). We have not heard from OMB since our revisions (& RTC) went back on October 17. We'll let you know if we learn anything further concerning the OMB time table for this. -Alan

---

~~~~~  
**Alan Perrin, Deputy Director**  
Radiation Protection Division, USEPA  
ofc (202) 343-9775 | mbl (202) 279-0376

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**From:** Cyran, Carissa  
**Sent:** Thursday, October 27, 2016 10:17 AM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

**Subject:** Any updates on Subpart W? Do you think it will clear OMB this week or next?

*Carissa Cyran*

*Office of Air and Radiation*

*U.S. Environmental Protection Agency*

*Phone: (202) 564-5437*

**From:** [Thornton, Marisa](#) on behalf of [Collections.SubW](#)  
**To:** [Thornton, Marisa](#)  
**Subject:** Fw: Any updates on Subpart W? Do you think it will clear OMB this week or next?  
**Date:** Monday, January 09, 2017 8:53:43 AM

---

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, December 22, 2016 11:51 AM  
**To:** Collections.SubW  
**Subject:** FW: Any updates on Subpart W? Do you think it will clear OMB this week or next?

---

**From:** Cyran, Carissa  
**Sent:** Thursday, October 27, 2016 1:03 PM  
**To:** Schultheisz, Daniel <[Schultheisz.Daniel@epa.gov](mailto:Schultheisz.Daniel@epa.gov)>; Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>  
**Cc:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
**Subject:** RE: Any updates on Subpart W? Do you think it will clear OMB this week or next?

Thank you for the quick follow up, I appreciate it.

---

**From:** Schultheisz, Daniel  
**Sent:** Thursday, October 27, 2016 12:33 PM  
**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Cc:** Werner, Jacqueline <[Werner.Jacqueline@epa.gov](mailto:Werner.Jacqueline@epa.gov)>  
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**Sent:** Thursday, October 27, 2016 10:17 AM

**To:** Perrin, Alan <[Perrin.Alan@epa.gov](mailto:Perrin.Alan@epa.gov)>

**Subject:** Any updates on Subpart W? Do you think it will clear OMB this week or next?

*Carissa Cyran*

*Office of Air and Radiation*

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