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**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

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June 20, 2016

Ms. Heather McTeer Toney
Regional Administrator
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303-3104

Re: Characterization methods of sources emitting more than 2,000 tpy SO₂ as required by 40 CFR 51.1203

Dear Ms. McTeer Toney:

In accordance with 40 CFR 51.1203(b), the Energy and Environment Cabinet (Cabinet), on behalf of the Commonwealth of Kentucky, respectfully submits the following implementation information relating to the list of stationary sources identified as emitting 2,000 tons per year (tpy) or more of SO₂. The Cabinet provided a list of applicable sources to you in a letter dated January 7, 2016, as required by 40 CFR 51.1202(a). In your response letter dated March 22, 2016, EPA requested that the Cabinet include the Cane Run facility (AFS#21-111-00126) to the list of sources subject to the SO₂ Data Requirements Rule (DRR).

Under the DRR, each air agency is required to submit to the EPA Regional Administrator by July 1, 2016, whether it has chosen to characterize peak 1-hour SO₂ concentrations around applicable sources through ambient air quality monitoring, air quality modeling techniques, or provide federally enforceable emission limitations by January 13, 2017 that limit emissions to less than 2,000 tons per year (tpy). Below, Tables 1-3 detail the characterization method that will be used for individual sources emitting more than 2,000 tpy of SO₂ per year.

Table 1: SO₂ DRR Monitoring [40 CFR 51.1203(c)]

<i>AFS #</i>	<i>Facility</i>	<i>Site Modeling</i>	<i>Transmitted to EPA</i>
21-101-00029	Century Aluminum – Sebree	5/10/2016	5/19/2016
21-233-00001; 21-233-00052	Big Rivers – Sebree (Reid, HMP&L, Green)	5/10/2016	5/19/2016

Table 2: SO₂ DRR Modeling [40 CFR 51.1203(d)]

<i>AFS #</i>	<i>Facility</i>	<i>Modeling Protocol Received</i>	<i>Transmitted to EPA</i>	<i>EPA Response</i>	<i>Modeling Report Received</i>
21-015-00029	Duke Energy – East Bend Station	3/4/2016	3/4/2016	4/20/2016	
21-041-00010	KU – Ghent	12/21/2015	2/10/2016	4/1/2016	4/29/2016
21-059-00027	OMU – Elmer Station	1/6/2016	2/10/2016	4/1/2016	4/28/2016
21-091-00004	Century Aluminum – Hawesville	1/7/2016	2/10/2016	4/1/2016	6/9/2016
21-145-00006	TVA – Shawnee	12/21/2015	2/10/2016	4/1/2016	
21-177-00006	TVA – Paradise	12/21/2015	2/10/2016	4/1/2016	
21-161-00009	EKPC – HL Spurlock	12/28/2015	2/10/2016	4/1/2016	5/1/2016
21-223-00002	LG&E – Trimble	12/21/2015	2/10/2016	4/1/2016	4/29/2016

Table 3: Federally enforceable requirement to limit SO₂ emissions to under 2,000 tons per year. [40 CFR 51.1203 (e)]

<i>AFS #</i>	<i>Source</i>	<i>Permit Number</i>	<i>Public Notice</i>	<i>Final</i>
21-111-00126	LG&E – Cane Run	175-00-TV	8/30/2014	11/18/2014
21-127-00003	KY Power CO – Big Sandy Plant	V-15-013	6/10/2015	10/16/2015
21-177-00001	KU – Green River Station	Shutdown Notification	Shutdown Notification	Shutdown Notification
21-199-00005	EKPC - John Sherman Cooper Power Station	V-12-019 R2	2/12/2016	6/17/2016

The facilities listed in Table 3 have shutdown the coal-fired units and have provided information specifying when the shutdown of individual units occurred. This information is enclosed for your reference.

To comply with the requirements of 40 CFR 51.1203(b), please accept this list on behalf of the Commonwealth of Kentucky as official notification. If you have any questions, please contact me at your convenience.

Sincerely,


 Charles G. Snavelly,
 Secretary

CGS/SA/cmb
 Enclosures