

Q&A

- **Reaction Engineering International:** When you are talking about next steps, is that planned? You said you ran out of budget.
 - **Paul Lemieux:** We have not planned it into the budget yet, but we will in the future. It requires a slightly different capture-mode, because to complete leachability tests where we need much larger samples than we would get on the MOUDI the way we were operating here.
- **Argonne National Laboratory:** You used kaolinite. Did you consider using mabrelinite; it is well known as a retardation barrier.
 - **Paul Lemieux:** I cannot remember which sorbent materials they used when they did the first tests on the natural gas system. I know they tried 4-5 different substances. I know they settled on kaolinite because it was the most effective. I am not sure if they tried mabrelinite. They picked the optimal one and we did our tests with that because we did not have the funding to do a lot of parametric tests. That is a good question though, and there may be better sorbents out there.
- **U.S. Nuclear Regulatory Commission:** Would you use this with a filter, or just the sorbent itself?

Paul Lemieux: Virtually every scaled system operates with a PCD. It could potentially be done in a pulp paper mill if they have a boiler. When you are considering getting rid of 10's of millions of tons, there might be other facilities we have to look at that would not otherwise be chosen. Though pretty much everyone has a particulate control device of some kind.

Commented [BC1]: Unsure what this is – thoughts? Highlighted below as well.