

DeMeo, Sharon M.

From: Cobb, Michael
Sent: Wednesday, February 27, 2013 5:13 PM
To: allan.palmer@nu.com
Cc: DeMeo, Sharon M.; Houlihan, Damien
Subject: Schiller Station Info request

Hi Allan,

As we continue to work on the permit reissuance for Schiller Station, there are a few questions and requests for information that need to be addressed.

Firstly, as we discussed during the February 13, 2013 site visit, EPA requests the following:

- 1.) Either a redacted version of the October 2008 Response to EPA's CWA § 308 letter or a letter from PSNH releasing the CBI designation for the same report.
- 2.) Dimensions of the Unit 4 intake pipe, as well as the dimensions of the two abandoned Unit 3 intake pipes. Please also include intake velocity calculation at the intake point of the Unit 4 pipe based on maximum design flow.
- 3.) A spreadsheet (preferably in MS Excel) detailing the actual (or estimated) total daily intake flow volume and corresponding electrical generation over a period of the most recent 2 years.

Additionally, after the site visit, other questions have been raised that need clarification. They are as follows:

- 4.) Please provide the details regarding ash handling systems (fly ash and bottom ash). Specifically, is any waste water generated from these operations? If so, provide the volume, processing steps and ultimate discharge location. Also, please provide the mass and disposal method of the ash solids. Is there an impoundment or landfill on-site? If so, is leachate collected and discharged?
- 5.) Please clarify under what conditions, if any, only 1 intake pump is operated.
- 6.) In the October 2008 Response to EPA's CWA § 308 letter, PSNH indicates that maintenance costs for Unit 3 intake renovation and the continuous operation of screen option are \$20,000 and \$50,000, respectively. Please confirm that these are yearly figures.
- 7.) Did PSNH contact Gunderboom directly during its evaluation of aquatic microfiltration barriers for the 2008 report in regards to Schiller Station? If so, please provide their direct findings.

Please feel free to let me know if you have any questions regarding these requests or anything else related to the permit.

Best,

Michael Cobb
Environmental Engineer
U.S. Environmental Protection Agency
5 Post Office Sq. Suite 100
Mail Code: OEP06-1
Boston, MA 02139-3912
(617) 918-1369