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Puleo, Shelley

From: allan.palmer@nu.com
Sent: Wednesday, April 02, 2014 4:33 PM
To: Cobb, Michael
Cc: felicia.giordano@nu.com; richard.despins@nu.com
Subject: RE: Facility questions

Hey Michael,

Sorry for the delay, off having fun and paying the piper now...

1. Regarding the Schiller Tank Farm, there are two tanks designated as SR #2 and SR #3. SR #2 has a capacity of 80,000 barrels (bbls) and SR #3 has a capacity of 125,000 bbls. Both contain #6 oil only. The #6 oil arrives by ship or barge and can be pumped directly into the Schiller tanks or can be pumped to the Newington tanks and then transferred to the Schiller tanks. Regarding the Newington Tank Farm, there are two tanks designated as NT #1 and NT #2. Both NT #1 and NT #2 have a capacity of 278,800 bbls. Both contain #6 oil only. The #6 oil arrives by ship or barge and is pumped directly into the Newington tanks.
2. Schiller's normal non-emergency coal pile runoff can be transferred from the collection basin to either the fireside basin or directly to the wastewater treatment facility.
3. Outfall 001 consists primarily of river water supplied from the Unit 4 auxiliary salt water pump that is used for noncontact cooling in a couple of small heat exchangers. We have the capability to return the water to the Unit 4 discharge tunnel (Outfall 002) or direct it to the Unit 3 tunnel (Outfall 001). Recently we have chosen to discharge via Unit 3 to prevent water from becoming stagnant in the tunnel. If we encounter access issues to the Outfall 001 weir, e.g., wintertime conditions, we can activate the Unit #4 discharge option. Outfall 001 must also be used whenever Unit 4 is unavailable, e.g., during an outage that involves maintenance work in the tunnel.

Let me know if you have other questions. Thanks, Allan.

From: "Cobb, Michael"
To: Richard P. Despins/NUS@NU,
Cc: Allan G. Palmer/NUS@NU, Felicia H. Giordano/NUS@NU
Date: 03/05/2014 03:00 PM
Subject: RE: Facility questions

From: "Cobb, Michael" <Cobb.Michael@epa.gov>
To: Allan G. Palmer/NUS@NU,
Cc: Felicia H. Giordano/NUS@NU, Richard P. Despins/NUS@NU
Date: 03/04/2014 03:28 PM
Subject: Facility questions

Hi Allan,

It's been a while since our last correspondence...hope all is going well with you. We have been making steady progress on the Schiller Station NPDES permit and I just have a few clarifying questions for you, mostly related to stormwater issues.

1. Regarding the Schiller Station Tank Farm, how many tanks does it have, how big are they, what are they filled with specifically, and how are they filled? Also, please describe the same details for the Newington Tank Farm.

2. Internal Outfall 013 discharges "emergency overflow" from the coal pile runoff basin into Outfall 018. I assume this happens during a 10-year, 24-hour storm event. Where does the coal pile runoff basin typically discharge to (i.e., non-emergency)?
3. Outfall 001 is non-contact cooling water but is described as "rarely active since the piping is usually valved to return the water to one of the operating cooling water systems." When is this outfall activated, and why?

Thank you,

Michael Cobb
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