Constellation

August 25, 2022 **Submitted electronically via FERC eFile**

John Spain, P.E. Regional Engineer
Federal Energy Regulatory Commission
Office of Energy Projects – Div.of Dam Safety and Inspections
New York Regional Office
19th West 34th Street, Suite 400, New York, NY 10001

Subject: **Conowingo Plan and Schedule**
Response to FERC Post Dam Safety Inspection Letter dated June 26, 2023
Conowingo Project FERC Project No. P-0405-MD

Mr. Spain:

In response to your post annual dam safety inspection letter request for a plan and schedule for Conowingo Project, we submit the following plan and schedule responses:

1. FERC Comment. Continue to work towards better control of vegetation growing on concrete and appurtenant structures. We understand that areas of the downstream face of the spillway will be addressed through a phased approach where two bays at a time will be permitted for repairs, including toe repairs. Additionally, please remove the vegetation growing on the East Fish Lift trash rack structure.
   Constellation Response.
   a. The downstream spillway is currently being worked on to remove vegetation, make repairs to concrete for prioritized bays and restore sacrificial armoring over exposed bedrock created by the scour hole of prioritized bays without flip buckets. This work is scheduled to done before 11/30/2023.
   b. The vegetation on and within the trash rack at the East Fish Lift be completed by 11/30/2023.

2. FERC Comment. Investigate the source of the ponded water in the confined space behind Units 8 through 11 at the location shown in the following photos. Determine where this water is originating from and if it is indicative of an area of powerhouse or intake structure deterioration.
   Constellation Response.
   a. With regards to the source of the ponding water. Each operating unit functions as a standalone monolith. This portion of the dam is within a designated vent shaft between penstocks and headworks used to support turbine-generator ventilation. There is a designed seepage passageway that originates at the above roofing system and collects behind this wall and eventually connecting to the plant drainage network.
   b. Unit #8, source of ponded water was due to a clogged drain. Drain is planned to be cleaned by 9/30/2023.
   c. Unit #9 and #10, did not have any ponding water. During drain cleaning operations for Unit #11, the wall drains at #9 and #10 were planned to be cleaned but found to already be clear and functioning properly.
   d. Unit #11, the source of this ponded water was identified to be from the seepage passageway and near a previous repair at the headworks wall. This area of repair was due to intake concrete deterioration. Repairs are currently in progress and anticipated to be completed by 9/302023.

We trust that this plan and schedule are satisfactory. Let me know if there are any questions or require additional information, please contact me at (410) 457-2499 or by e-mail at glenn.hunt@constellation.com.

Sincerely,

Glenn D. Hunt, PE
Senior Site Civil Engineer
Dam Safety Engineer
Constellation Energy Generation

Document Content(s)
2023.08.25.1_P-405_CO Plan Schedule_Re Ltr to FERC 2023 Post DSI Ltr.pdf.1