

**FEDERAL ENERGY REGULATORY COMMISSION
Office of Energy Projects
Division of Dam Safety and Inspections - Atlanta Regional Office
Gwinnett Commerce Center
3700 Crestwood Parkway, Suite 950
Duluth, Georgia 30096
(678) 245-3000 Office - (678) 245-3010 Facsimile**

August 3, 2023

**In reply refer to:
P-516 Saluda**

VIA Electronic Mail

Ms. Iris Griffin
Vice President-Power Generation
Dominion Energy South Carolina, Inc. (DESC)
Iris.Griffin@dominionenergy.com

Subject: 12.10a Incident Report – Sheet Pile Wall Movement

Dear Ms. Griffin:

Mr. Ray Ammarell's July 11, 2023, submittal reported a 12.10a dam safety incident summary and status of emergency repair work for movement of the sheet pile wall on the crest of the original embankment dam at the Saluda Project No. 516. A member of the public initially noticed significant subsidence of the walkway adjacent to the sheet pile wall on June 22, 2023. Mr. Ammarell provided an initial notification of the incident to D2SI on June 22, 2023, via phone call and email. Mr. Ammarell's June 28, 2023, letter provided an initial incident report detailing the status of the incident and response activities.

We have completed our review and found your July 11, 2023, 12.10a report and June 28, 2023, letter satisfy the Commission's 18 CFR § 12.10 reporting requirements. Emergency response measures by DESC and the South Carolina Department of Transportation (SCDOT) are appropriate.

Your 12.10a report also provides DESC's preliminary evaluation on the cause of the sheet pile wall movement. In addition to continued monitoring of the SCDOT work and providing weekly repair updates to the ARO, we have the following comments:

1. Submit a report documenting completion of the SCDOT emergency repairs within 60 days of completion of the work.
2. As required in our June 27, 2023, special inspection follow-up letter, provide a plan and schedule to complete the following:
 - a. Investigate the cause(s) of the wall movement and inspect the rest of the wall for similar potential initiating conditions. Your investigation must include analyses and calculations for the wall that follow current engineering practices for sheet pile wall design.
 - b. Evaluate dam safety impacts during the Probable Maximum Flood (PMF) and potential overtopping for all sections of the sheet pile wall where deflection has occurred, or the surveyed crest elevation is lower than the design elevation.
 - c. Update the drawings and relevant text in the Supporting Technical Information Document (STID). Include information and details about the portion of the sheet pile wall below the embankment surface and ensure the riprap, wall, curb, and walkway configuration are accurate and up to date including documenting the SCDOT emergency repairs.
3. As part of your investigation, provide preliminary repair concepts for wall remediation to address the damaged state of the wall and prevent future incidents.

Within 30 days of the date of this letter, file your plan and schedule to address comments 2 and 3 above. File your submittals using the Commission's eFiling system at <https://www.ferc.gov/ferc-online/overview>. When eFiling, select Hydro: Dam Safety and Atlanta Regional Office from the eFiling menu. The cover page of the filing must indicate that the material was eFiled. For assistance with eFiling, contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY).

We appreciate your continued cooperation in ensuring the safety of your project. If you have any questions, please contact Mr. Shae Hoschek at (678) 245-3077 or by e-mail at shae.hoschek@ferc.gov.

Sincerely,

William J. Brown, P.E.
Regional Engineer

Cc: VIA Electronic Mail

Mr. Ray Ammarell, P.E.
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Chief Dam Safety Engineer
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