

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

April 9, 2025

In reply refer to:

P-516 Saluda
P-1894-01 Parr Shoals
P-1894-02 Fairfield
P-2535 Stevens Creek

VIA Electronic Mail

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

Subject: 2024 Emergency Action Plan (EAP) Updates and Status Reports

Dear Ms. Griffin:

Mr. Ray Ammarell's letters dated December 23, and December 30, 2024, submitted the 2024 EAP updates and annual EAP status reports, respectively, for the projects referenced above. The EAP updates generally follow Chapter 6 of our Engineering Guidelines. The EAP status reports document completion of eight of the nine annual requirements for compliance with 18 CFR Section 12.24(d).

	EAP Status Item	Submission
1.	Date of annual review of the EAP	Complete
2.	Date of annual EAP update	Complete
3.	Date of last full EAP reprint	Complete
4.	Date of last annual seminar	Complete
5.	Date and summary of latest EAP drill/test/training	Complete

	EAP Status Item	Submission
6.	Description of project emergency equipment and the date of the last equipment test	Complete
7.	Dates and results of the most recent Sudden Failure Assessment (SFA)	Incomplete
8.	Dates and description of public education provided during the year and who received it	Complete
9.	A table documenting coordination with EAP holders that includes who: received revisions/updates, participated in the annual seminars and tests, and were called during the EAP test, if not present	Incomplete

We had the following comment on the 2023 EAP status reports:

Your status reports included a revision date and the results from revisions to the Sudden Failure Assessment (SFA) for each development as required by Chapter 6, Section 6-2.2.6 of our Engineering Guidelines. The notification time changed from five to 15 minutes. This revision documents you reviewed the SFA results. Note the status report should also include a review of changes in downstream population that could affect the SFA results. If there have been no changes, your status report should document you completed the downstream review. Include these additional items as part of documenting your SFA reviews in future EAP status reports.

There were no changes to DESC's 2024 EAP status reports that address our comment above. Within 60 days of the date of this letter, provide the documentation of the review required in our comment.

Reviewing and updating EAP inundation modeling and mapping is a critical part of an effective EAP. DESC currently has a plan and schedule for updating EAP mapping for the Fairfield Development. As part of your next EAP Status Report, include a supplement evaluating the inundation modeling and mapping for Parr Shoals and Saluda and whether updates are needed. At a minimum, evaluate if:

- The base maps need updated (e.g. aerial imagery instead of topographic map).
- The use of 2-Dimensional hydraulic model would be more appropriate than 1-Dimensional model used for current maps.

- The current assumptions for the dam failure scenarios are reasonable (e.g. breach parameters).
- The downstream inundation extents should be extended.
- Updates are needed due to previous input from emergency management agencies and other stakeholders.

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,

For William J. Brown, P.E.
Regional Engineer

Cc: VIA Electronic Mail

Mr. Ray Ammarell, P.E.
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Chief Dam Safety Engineer
Dominion Energy South Carolina, Inc.
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