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Docket Nos.: 50-348  
50-364

NL-13-2123

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant – Units 1 and 2  
Request to Obtain U. S. Army Corps of Engineers (USACE) Information  
Required to Provide Response to March 12, 2012  
Request for Information, Recommendation 2.1

References:

1. NRC Letter, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 10 CFR 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012.
2. JLD-ISG-2013-01, "Guidance For Assessment of Flooding Hazards Due to Dam Failure," Interim Staff Guidance, Revision 0, July 29, 2013 (ML13151A153)

Ladies and Gentlemen:

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 1 of Reference 1 requested each addressee perform a Flood Hazard Reevaluation (FHR).

In order to fully perform this reevaluation for the Joseph M. Farley Nuclear Plant site, Southern Nuclear Operating Company (SNC) requests that specific information be obtained by the NRC from the U.S. Army Corps of Engineers (USACE) and be provided to SNC. SNC has been told by the USACE that all requests for information from the USACE should be made through the NRC. This SNC request is similar to the request made by the Ft. Calhoun Nuclear Station on August 26, 2013 which was responded to by the NRC on September 17, 2013 (ML13241A216). The requested information will be used to determine how the USACE dams will be modeled under probable maximum flood (PMF) and dam failure conditions. The requested information as well as the contact at the U.S. Army Corps of Engineers is included in the Enclosure.

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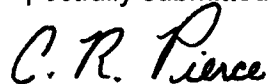
Please note that the data provided in response to this request for information is necessary to complete the FHR. As provided in Section 1.5.3 of Reference 2, if a federally owned dam is identified as critical to the flooding reanalysis, the licensee should contact the NRC promptly. The NRC will act as the interface between these agencies and the licensees. Reference 2 also states that to the extent that these analyses are applicable, they should be used in the Recommendation 2.1 flooding reanalysis.

The FHR for the Joseph M. Farley Nuclear Plant is due to the NRC on or before March 12, 2014. In order to meet all the requirements of Reference 1 by that date, SNC requests that the information detailed above be provided back to SNC no later than October 23, 2013.

This letter contains no NRC regulatory commitments.

If you have any questions, please contact John Giddens at 205.992.7924.

Respectfully submitted,



C.R. Pierce  
Director – Regulatory Affairs

CRP/JMG

Enclosure: Requested Information from the USACE

cc: Southern Nuclear Operating Company  
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Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer  
Mr. T. A. Lynch, Vice President – Farley  
Mr. B. L. Ivey, Vice President – Regulatory Affairs  
Mr. B. J. Adams, Vice President – Fleet Operations  
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission

Mr. V. M. McCree, Regional Administrator  
Ms. M. Barillas, NRR Project Manager - Farley  
Mr. P. K. Niebaum, Senior Resident - Farley  
Mr. J. R. Sowa, Senior Resident - Farley

Alabama Department of Public Health

Dr. D. E. Williamson, State Health Officer

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Enclosure

Requested Information from the USACE

To appropriately respond to the Nuclear Regulatory Commission's letter, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 10 CFR 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012, Southern Nuclear Operating Company requests the following information be provided from the U.S. Army Corps of Engineers to the NRC as it relates to the Joseph M. Farley Nuclear Plant site located on the Chattahoochee River for the Buford Dam, the West Point Dam and the Walter F. George Dam:

- Probable Maximum Flood (PMF) studies which establish the PMF flood flow and headwater elevation.
- Supporting stability analysis and results that show these dams are stable during the PMF condition described above.
- Existing Studies for the Seismic Performance of Dams, as outlined in Section 5.4 of JLD-ISG-2013-01 "Guidance for Assessment of Flooding Hazards Due to Dam Failure," ML13151A153, dated July 29, 2013.

The information requested above should include, but is not limited to:

- Emergency Action Plans
- Dam breach studies, including breach parameters
- Wind-generated wave studies
- Geologic information for foundations and abutments
- Geotechnical data for dam embankments
- As-built plans, including seepage control measures
- Annual inspection reports
- Operation, inspection, and maintenance plans and procedures
- Sediment storage, accumulation, management, and production information
- Debris production data and management programs
- Reliability information on electrical/mechanical components.
- HEC-HMS (or equivalent) model for watershed and basis for input parameters (such as unit loss rates, routing parameters, etc.) and method of calibration
- HEC-RAS (or equivalent) model for dam and downstream reach (if available)
- Information on surface erosion control measures along embankment (from wind-waves) and earthen spillways

Contact:

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