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Docket Nos.: 50-348  
50-364

NL-14-0732

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

Joseph M. Farley Nuclear Plant – Units 1 and 2  
Request for Additional Information from the U.S. Army Corps of Engineers  
To Support Flood Hazard Reevaluation, 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)
3. Letter to NRC, "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," dated September 26, 2013.

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). To adequately provide that report in accordance with the guidance provided in Reference 2, Southern Nuclear Operating Company (SNC) requested that the NRC obtain specific information from the U.S. Army Corps of Engineers (USACE) and for that information to be provided to SNC.

On April 29, 2014 at the request of the NRC, representatives of SNC attended a meeting with members of the NRC staff and members of the USACE. As a result of that meeting, SNC desires the NRC also request of the USACE additional specific information regarding flow characteristics for the critical flow scenario(s) at the closest HEC-RAS cross section to river miles 46, 43.8 and 42. This assumes the Joseph M. Farley Nuclear Plant site is at river mile 43.8:

- Flow hydrographs for the complete model run.
- Velocity hydrographs for the complete model run.
- Spatial coordinates and projection for each cross section.
- All cross section station and elevation points.
- Left and right bank stations.
- Manning's "n" values or roughness coefficients for the left overbank, channel and right overbank at each cross section.

It is requested that results of the information requested above be provided to SNC along with the information that the NRC is already planning to provide.

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  
Regulatory Affairs Director

CRP/JMG/RCW

cc: Southern Nuclear Operating Company  
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U. S. Nuclear Regulatory Commission  
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Mr. S. A. Williams, NRR Project Manager - Farley  
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