Charles R. Pierce
Regulatory Affairs Director

Southern Nuclear
Operating Company, Inc.
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, AL 35201

Tel 205.992.7872
Fax 205.992.7601

SOUTHERN COMPANY

February 28, 2014

Docket Nos.: 50-348
50-364

NL-14-0330

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 Extension of Flood Hazard Reevaluation Report Due Date
Requested by NRC Letter dated March 12, 2012

References:

1. NRC Letter, *Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident*; dated March 12, 2012. (ML 12053A340)

2. Southern Nuclear Operating Company Letter, *Request to Obtain U.S. Army Corps of Engineers (USAEC) Information Required to Provide Response to March 12, 2012 Request for Information, Recommendation 2.1*, dated September 26, 2013. (ML13274A343)

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 and submit a Flood Hazard Reevaluation Report (FHRR).

In order to fully perform this reevaluation for the Joseph M. Farley Nuclear Plant (FNP) site, Southern Nuclear Operating Company (SNC) submitted Reference 2 requesting specific information be obtained by the NRC from the U.S. Army Corps of Engineers (USACE) and be provided to SNC. This request was necessary to support the March 12, 2014 submittal of the FHRR. The requested information has not yet been provided.

To meet all the requirements of Reference 1, an extension of 120 days after the USAEC flooding analysis information is requested. The need for an extension was discussed with NRC staff on February 21, 2014. This additional time is required to fully perform the FHRR for FNP modelling activities and analyses that depend on the requested information.

This modeling and analyses includes the following:

- Reevaluate Dam Breaches and Failures (43 days)
- Finalize PMF Hydraulics with Governing Dam Break Scenario (30 days)
- Update Wind Generated Wave Analysis (36 days)
- Perform Technical Review of Calculation Packages (19 days)
- Complete Flood Hazard Reevaluation Report (21 days)

Even with overlapping activities, the above total is approximately 120 days.

This letter contains no new regulatory commitments. If you have any questions, please contact John Giddens at 205.992.7924.

Respectfully submitted,

C.R. Pierce

C.R. Pierce
Regulatory Affairs Director

CRP/JMG/RCW

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President – Farley
Mr. B. L. Ivey, Vice President – Regulatory Affairs
Mr. D. R. Madison, Vice President – Fleet Operations
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. G. E. Miller, NRR Project Manager - Farley
Mr. P. K. Niebaum, Senior Resident Inspector – Farley
Mr. R. E. Martin, Senior Project Manager - Farley

Alabama Department of Public Health
Dr. D. E. Williamson, State Health Officer