

Cheryl A. Gayheart
Vice President - Farley

Southern Nuclear
Operating Company, Inc.
Farley Nuclear Plant
Post Office Drawer 470
Ashford, AL 36312

Tel 334.814.4511
Fax 334.814.4575



June 2, 2016

Docket Nos.: 50-364

NL-16-0683

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

Joseph M. Farley Nuclear Plant – Unit 2
Special Report No. 2016-002-00, Alternate AC Source Out of Service

Ladies and Gentlemen:

In accordance with Section 5.6.11 of the Joseph M. Farley Nuclear Plant (FNP) Units 1 and 2 Technical Specifications, Southern Nuclear Operating Company (SNC) hereby submits the enclosed Special Report No. 2016-002-00 for Unit 2.

This letter contains no NRC commitments. If you have any questions, please contact Ms. Julie Collier at (334) 814-4639.

Sincerely,



Ms. C. A. Gayheart
Vice President – Farley

CAG/JAC

Enclosure: Special Report No. 2016-002-00, Alternate AC Source Out of Service

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. C. R. Pierce, Director – Regulatory Affairs
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. J. Adams, Vice President – Engineering
Ms. B. L. Taylor, Regulatory Affairs Manager - Farley
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission
Ms. C. Haney, Regional Administrator
Mr. S. A. Williams, NRR Project Manager - Farley
Mr. P. K. Niebaum, Senior Resident Inspector - Farley

Enclosure to NL-16-0683
Joseph M. Farley Nuclear Plant – Unit 2

Special Report No. 2016-002-00, Alternate AC Source Out of Service

This Special Report is being submitted as required by Technical Specifications (TS) 5.6.11 due to the 2C Diesel Generator (DG), the Alternate AC Source (AAC Source) for Plant Farley, being out of service for greater than 10 days.

At 0848 on April 21, 2016, with Unit 2 defueled during refueling outage 2R24, the 2C DG was declared non-functional due to discovering failed relays in the circuitry of the B2J Sequencer. Troubleshooting activities and delays in obtaining replacement parts led to the 2C DG being out of service for Unit 2 for greater than 10 days, which requires NRC notification per TS 5.6.11. Following completion of maintenance activities and functional testing of the sequencer, the 2C DG was returned to service at 1339 on May 2, 2016, for a total out of service time of 11.2 days.

There were two time intervals during this period when the diesel was available to perform its AAC Source function. One of these was for approximately 10.4 hours on April 26-27, 2016, and another was on May 1, 2016 for approximately 2.5 hours. These intervals of availability were not realized until after the failure mode was better understood following troubleshooting, testing, and restoration of the 2C DG. Therefore, the 2C DG was treated as non-functional for the duration of the out of service period.