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Docket Nos.: 50-364

NL-16-0751

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

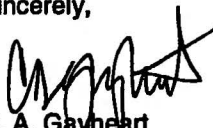
Joseph M. Farley Nuclear Plant, Unit 2
Special Report 2016-001-00, Nonfunctional Radiation Monitor R-60B and R-60C

Ladies and Gentlemen:

In accordance with the requirements of Technical Requirements Manual (TRM) TR 13.3.4, the enclosed Special Report No. 2016-001-00 (Unit 2) is submitted.

This letter contains no NRC commitments. If you have any questions, please contact John W. McLean IV at (334) 899-5156.

Sincerely,



C. A. Gayheart
Vice President - Farley

CAG/JWM

Enclosure: Special Report 2016-001-00

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. M. D. Meier, Vice President - Regulatory Affairs
Mr. D. R. Madison, Vice President - Fleet Operations
Mr. B. J. Adams, Vice President - Engineering
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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

**Joseph M. Farley Nuclear Plant, Unit 2
Special Report 2016-001-00, Nonfunctional Radiation Monitor R-60B and R-60C**

Enclosure

Special Report 2016-001-00

Joseph M. Farley Nuclear Plant, Unit 2
Special Report 2016-001-00, Nonfunctional Radiation Monitor R-60C

Enclosure

Special Report 2016-001-00

This Special Report is being submitted due to the Unit 2 radiation monitor R-60B and R-60C (Main Steam Relief and Atmospheric Steam Dump Discharge) not being restored to functional status within the time required by Technical Requirements Manual (TRM) TR 13.3.4. The TRM requires that the monitor be restored to functional status within 7 days or submit a Special Report within the following 14 days.

At 0439 on May 6, 2016, with Unit 2 in Mode 3, radiation monitor R-60B and R-60C were declared nonfunctional due to a failed high indication on the control panel. A mandatory Technical Requirements Manual (TRM) Limiting Condition for Operation (LCO) was written requiring restoration to functional status by May 13, 2016 at 0439 hours and work orders (SNC788036 & SNC788035) were generated to repair R-60B and R-60C.

Troubleshooting of the failed high indication isolated the problem to the detectors. Due to the detectors' location on the main steam valve room roof being in close proximity to steam generator safety relief valve exhaust piping, repair of the monitor is a personnel safety concern should any relief valve lift during the repair effort. Therefore, repair of the monitor should be performed only under cold shutdown conditions to ensure personnel safety. Contingency work orders are in place in the event of an unscheduled outage or the next refueling outage. R-60B and R-60C are scheduled to be retired in place and replaced with new radiation monitors, in a location that will allow for detector repair at any mode of operation, during the next refueling outage. Compensatory measures have been established and TRM action requirements are being met for radiation monitors R-60B and R-60C nonfunctionality.