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Docket Nos.: 50-364

NL-10-0195

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

Joseph M. Farley Nuclear Plant, Unit 2
Special Report 2010-001-00, Inoperable Radiation Monitor R-60A

Ladies and Gentlemen:

In accordance with the requirements of Technical Requirements Manual (TRM), TR 13.3.4, the enclosed Special Report No. 2010-001-00 (Unit 2) is submitted.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "J. R. Johnson", with a long, sweeping horizontal line extending to the right.

J. R. Johnson
Vice President – Farley

JRJ/CHM

Enclosures: Special Report 2010-001-00

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, Vice President – Farley
Ms. P. M. Marino, Vice President – Engineering
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Farley
Mr. E. L. Crowe, Senior Resident Inspector – Farley

**Joseph M. Farley Nuclear Plant, Unit 2
Special Report 2010-001-00, Inoperable Radiation Monitor R-60A**

Enclosure

Special Report 2010-001-00

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Enclosure

Special Report 2010-001-00

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

At 2200 on January 22, 2010 radiation monitor R-60A was declared inoperable due to a failed indication on the control panel. A mandatory Limiting Condition for Operation (LCO) was written requiring restoration to operable status by January 29, 2010 at 2200 hours and a work order was generated to repair R-60A.

Maintenance troubleshooting isolated the problem to the detector. Due to the detector's location on the main steam valve room roof 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. R-60A is scheduled to be repaired during the next refueling outage currently scheduled for spring 2010 or at the next outage of sufficient duration when the plant will be in cold shutdown. TRM action requirements are being met for radiation monitor R-60A.