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Energy to Serve Your WorldSM
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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant - Unit 1
Special Report No. 2005-001-00, Inoperable Radiation Monitor R-60B

Ladies and Gentlemen:

In accordance with the requirements of Technical Requirements Manual (TRM),
TR 13.3.4, the enclosed Special Report No. 2005-001-00 (Unit 1) 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 "L. M. Stinson".

L. M. Stinson

LMS/CHM/sdl

Enclosure: Special Report for Inoperable Radiation Monitor R-60B

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, General Manager – Plant Farley
RTYPE: CFA04.054; LC# 14365

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Farley
Mr. C. A. Patterson, Senior Resident Inspector – Farley

**Joseph M. Farley Nuclear Plant - Unit 1
Special Report No. 2005-001-00, Inoperable Radiation Monitor R-60B**

Enclosure

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Enclosure

Special Report for Inoperable Radiation Monitor R-60B

This Special Report is being submitted due to the Unit 1 radiation monitor R-60B (Main Steam Relief and Atmospheric Steam Dump Discharge) not being restored to operable status within the time required per Technical Requirements Manual (TRM) 13.3.4. TR 13.3.4 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 1000 on November 18, 2005, radiation monitor R-60B was declared inoperable due to erratic indication. A mandatory Limiting Condition for Operation (LCO) was written requiring restoration to operable status by November 25, 2005, and a work order was generated to repair R-60B.

Maintenance troubleshooting isolated the problem to the detector. Due to the detector location (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 lift during the repair effort. Therefore, repair of the monitor should be performed only under cold shutdown conditions to ensure personnel safety. R-60B is scheduled to be repaired during the next refueling outage currently scheduled for spring 2006 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-60B.