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April 26, 2013

Docket No.: 50-348

NL-13-0849

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

Joseph M. Farley Nuclear Plant - Unit 1
Post Accident Monitoring Report

Ladies and Gentlemen:

In accordance with the requirements of Joseph M. Farley Nuclear Plant Technical Specification 5.6.8, the enclosed Post Accident Monitoring Report is submitted.

This letter contains no NRC commitments. If you have any questions, please contact Doug McKinney at (205) 992-5982.

Sincerely,

A handwritten signature in cursive script that reads "C. R. Pierce".

C. R. Pierce
Regulatory Affairs Director

CRP/WNA/lc

Enclosure: Post Accident Monitoring Report

U. S. Nuclear Regulatory Commission

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cc: Southern Nuclear Operating Company

Mr. S. E. Kuczynski, Chairman, President & CEO

Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer

Mr. T. A. Lynch, Vice President – Farley

Mr. B. L. Ivey, Vice President – Regulatory Affairs

Mr. B. J. Adams, Vice President – Fleet Operations

RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission

Mr. V. M. McCree, Regional Administrator

Ms. E. A. Brown, NRR Project Manager - Farley

Mr. P. K. Niebaum, Senior Resident - Farley

Mr. J. R. Sowa, Senior Resident - Farley

Joseph M. Farley Nuclear Plant - Unit 1
Post Accident Monitoring Report

Enclosure

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Joseph M. Farley Nuclear Plant - Unit 1
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Post Accident Monitoring Report

This Report is being submitted due to the Unit 1 Condensate Storage Tank Level Transmitter LT-516 not being restored to operable status within the time required by Technical Specification (TS) 3.3.3. TS 3.3.3 requires that the instrument be restored to operable status within 30 days. If not restored within the 30 day period then a Post Accident Monitoring Report is required to be submitted within the following 14 days per TS 5.6.8.

On March 13, 2013 at 12:45 pm, with Unit 1 in Mode 1 at 100 percent power, the Unit 1 Condensate Storage Tank Level Transmitter LT-516 was declared inoperable due to main control room operators observing erratic level indication. Repair work commenced on April 8, 2013 per work order SNC 472925. Initial attempts at repair by replacement of the transmitter and power supply card were not successful. Engineering personnel were then engaged to develop and implement a troubleshooting process which determined that the erratic indication was due to an intermittent open circuit or ground in the field cabling between the control room and the Condensate Storage Tank. The repair of the field cabling could not be completed within the 30 day period. Condition Report 622666 has been generated to document the untimely scheduling of repair and Technical Evaluation 623278 has been assigned to establish expectations for scheduling the repair of Technical Specification related equipment.

Continued troubleshooting on April 22, 2013 identified a degraded cabling splice located inside a splice box in Unit 1 Service Water Valve Box 4B. On April 23, 2013 the degraded splice was repaired per work order SNC 479291. Level Transmitter LT-516 was returned to service and the Technical Specification Required Action Statement was cleared at 0500 on April 24, 2013.

While LT-516 was out of service, alternate indication of Condensate Storage Tank level was provided by a redundant safety related level transmitter (LT-515) and an independent non-safety related level transmitter (LT-501).