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November 28, 2006

Docket Nos.: 50-348
50-364

NL-06-2567

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

Joseph M. Farley Nuclear Plant
NRC Generic Letter 2006-03 Request for Additional Information Response

Ladies and Gentlemen:

By letter dated October 13, 2006, Southern Nuclear Operating Company (SNC), the licensed operator for the Joseph M. Farley Nuclear Plant, received a request for additional information for Generic Letter 2006-03: Potentially Nonconforming Hemyc and MT Fire Barrier Configurations.

In accordance with 10 CFR 50.54(f), SNC hereby submits its response.

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

Sincerely,

H. L. Sumner, Jr.

Sworn to and subscribed before me this 28 day of November, 2006.

Valerie A. O'Brien
Notary Public

My commission expires: 4-28-07

HLS/JLS/daj

Enclosure: NRC Generic Letter 2006-03 Request for Additional Information Response

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cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, General Manager – Plant Farley
RTYPE: CFA04.054; LC# 14508

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

Alabama Department of Public Health
Dr. D. E. Williamson, State Health Officer

Enclosure

**Joseph M. Farley Nuclear Plant
NRC Generic Letter 2006-03 Request for Additional Information Response**

Enclosure

Joseph M. Farley Nuclear Plant NRC Generic Letter 2006-03 Request for Additional Information Response

Farley Nuclear Plant utilizes Promat-H board as described in Southern Nuclear Operating Company (SNC) response dated June 9, 2006 to Generic Letter 2006-03. This letter stated that Promat-H is tested in accordance with Underwriter Laboratories UL Standard 263, which references the American Society for Testing and Materials document ASTM E119 and the National Fire Protection Association document NFPA 251. By NRC letter dated October 13, 2006, the NRC asked for additional information regarding the SNC response. The following items are the NRC requests and the SNC responses.

Request for Additional Information – Item 1

How was the Promat tested? Confirm that, per the phone call, the ASTM E119 time-temperature, full scale fire testing was used.

SNC Response:

The Promat was tested and qualified to ASTM E119-88 by Performance Contracting Inc. under Omega Point Project No. 8806-90254 (Promat Report SR90-005). This testing included ASTM E119 time-temperature, full scale fire testing for the wall assembly and a small scale fire testing of the ceiling assembly. The test details are documented in Promat Report SR90-005.

Request for Additional Information – Item 2

What acceptance criteria were used? Confirm that, per the phone call, the 325 degrees Fahrenheit temperature criterion was used.

SNC Response:

The test acceptance criteria were that of ASTM E119-88 Section 16 “Conditions of Acceptance,” which meets the acceptance criteria of GL 86-10, Supplement 1. The 325 degrees Fahrenheit temperature criterion was used, which assumes a maximum temperature rise of 250 degrees Fahrenheit above an ambient temperature of 75 degrees Fahrenheit.

Request for Additional Information – Item 3

How were installed configurations that were different from tested configurations evaluated? Confirm that, per the phone call, the field installation deviations from the tested configurations were evaluated in accordance with the Generic Letter 86-10, Section 3.2.2 criteria.

SNC Response:

An analysis and acceptance for plant specific deviations from the tested configurations is included in Performance Contracting Inc. Fire Protection Technical Evaluation (FPTE) FPTE 2006-001 Revision 0. This evaluation received a documented review and approval by a qualified fire protection engineer within Southern Nuclear and found to be consistent with the GL 86-10, Section 3.2.2 criteria.