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July 24, 2007

Docket Nos.: 50-321
50-366

NL-07-1202

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

Edwin I. Hatch Nuclear Plant
NRC Generic Letter 2006-03 Request for Additional Information Response

Ladies and Gentlemen:

By letter dated April 10, 2006, Southern Nuclear Operating Company (SNC), the licensed operator for the Edwin I. Hatch Nuclear Plant, received NRC Generic Letter 2006-003: Potentially Nonconforming Hemyc and MT Fire Barrier Configurations. SNC responded to Generic Letter 2006-003 in a letter dated June 9, 2006. By letter dated May 8, 2007, SNC received a request for additional information for Generic Letter 2006-003.

In accordance with 10 CFR 50.54(f), SNC hereby submits its response to the May 8, 2007 request for additional information.

Mr. L. M. Stinson states he is a Vice President of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and to the best of his knowledge and belief, the facts set forth in this letter are true.

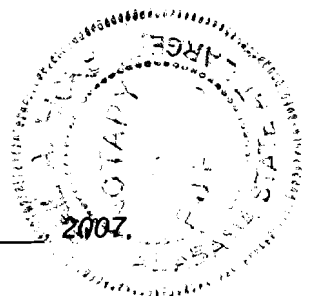
This letter contains no NRC commitments. If you have any questions, please advise.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

L. M. Stinson
Vice President Fleet Operations Support

Sworn to and subscribed before me this 24th day of July, 2007.

Notary Public

My commission expires: July 5, 2010

LMS/MNW/daj

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

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. D. R. Madison, Vice President – Hatch
Mr. D. H. Jones, Vice President – Engineering
RTYPE: CHA02.004

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

State of Georgia
Mr. N. Holcomb, Commissioner – Department of Natural Resources

Enclosure

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Hatch 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 May 8, 2007, 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? Is the Promat testing, as described in the November 28, 2006, letter also applicable to HNP?

SNC Response:

The Promat was tested and qualified to American Society of Testing Materials (ASTM) E119-83 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.

The November 28, 2006 response also applies to HNP.

Request for Additional Information – Item 2

What acceptance criteria were used? Were the same acceptance criteria as described in the November 28, 2006, letter, used?

SNC Response:

The test acceptance criteria were that of ASTM E119-83 Section 16 "Conditions of Acceptance," which meets the acceptance criteria of GL 86-10, Supplement 1. This criterion allows a maximum temperature rise of 250 degrees Fahrenheit above the initial temperature. An initial ambient temperature of 75 degrees Fahrenheit was used.

The November 28, 2006 response also applies to HNP.

Request for Additional Information – Item 3

How were installed configurations that were different from tested configurations evaluated? Were the field installations deviations evaluated similarly as described in the November 28, 2006, letter?

Enclosure

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SNC Response:

An analysis and acceptance for plant specific deviations from the tested configurations is included in Promatec Technologies Inc. Technical Evaluation PSI-001, Issue 1, dated July 1998. The evaluation, including deviations, 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.

The November 28, 2006 response also applies to HNP.

Request for Additional Information – Item 4

QUESTIONS, if November 28, 2006, responses do not apply to HNP.

SNC Response:

Since the November 28, 2006 responses are applicable to HNP, no additional information is required.