

Don E. Grissette
Vice President

**Southern Nuclear
Operating Company, Inc.**
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Tel 205.992.6474
Fax 205.992.0341



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Docket Nos.: 50-424
50-425

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

Vogtle Electric Generating Plant
10 CFR 21 Interim Report
Cutler-Hammer Freedom Series Model C306
Thermal Overload Relays and Heater Packs

Ladies and Gentlemen:

In accordance with 10 CFR 21.21(a)(2), Southern Nuclear Operating Company hereby provides the enclosed interim report for Vogtle Electric Generating Plant. The report pertains to Cutler-Hammer Freedom Series Model C306 Thermal Overload Relays and Heater Packs supplied by Framatome ANP, Inc., for which evaluation of reportability can not be completed within 60 days from discovery. The evaluation completion date is scheduled for April 29, 2005.

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

Sincerely,

Don E. Grissette

DEG/TMM/sdl

Enclosure: 10 CFR 21 Interim Report

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. W. F. Kitchens, General Manager – Plant Vogtle
RType: CVC7000

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Mr. C. Gratton, NRR Project Manager – Vogtle
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle

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-Enclosure

Vogtle Electric Generating Plant
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Thermal Overload Relays and Heater Packs

The following 10 CFR 21 interim report is provided by Southern Nuclear Operating Company (SNC) for Vogtle Electric Generating Plant (VEGP) in accordance with 10 CFR 21.21(a)(2):

(i) Name and Address of Individual Making Interim Report

Mr. Don E. Grissette, Vice President
Southern Nuclear Operating Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, AL 35201

(ii) Identification of Basic Component

Cutler-Hammer Freedom Series Model C306 Thermal Overload Relays and Heater Packs

(iii) Basic Component Supplier

Framatome ANP, Inc.
200 West Kensinger Drive
Suite 600
Cranberry Township, PA 16066

(iv) Date of Discovery of Deviation

January 3, 2005

(v) Nature of Deviation

Cutler-Hammer Freedom Series Model C306 Thermal Overload Relays and Heater Packs supplied by Framatome are used at VEGP in some applications as containment penetration conductor primary protection. Accordingly, it is necessary in such applications that all three phases trip properly. During pre-installation testing of several thermal overload relays with different model heater packs, instances were found where single and multiple overload relay phases would trip either early, late, or not at all.

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(vi) Evaluation Status

SNC is continuing to evaluate the deviation to fully characterize the issue. SNC is currently working with Framatome to review the VEGP site pre-installation testing program that is used for the Cutler-Hammer Freedom Series Model C306 Thermal Overload Relays and Heater Packs in an effort to determine if there is a manufacturing defect associated with these components.

(vii) Evaluation Scheduled Completion Date

April 29, 2005