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January 24, 2001

Docket Nos. 50-321
50-366

HL-6036

U. S. Nuclear Regulatory Commission
ATTN.: Document Control Desk
Washington, DC 20555

**Edwin I. Hatch Nuclear Plant
Transmittal of Calculations
For License Renewal Draft Open Items**

Ladies and Gentlemen:

By letter dated July 28, 2000, the NRC issued Requests for Additional Information (RAIs) 4.5-1 and 4.5-2 for the Hatch license renewal application related to containment penetration pressurization cycles. SNC responded to these RAIs by letter dated October 10, 2000, which stated that the information requested was available in two proprietary design calculations available for review in the SNC corporate office. The NRC has since issued two draft open items for the draft Safety Evaluation Report (SER) requesting that proprietary versions of these calculations be made available for NRC review. Subsequent to issuance of these draft open items, it has been determined that one of the calculations (Enclosure 2) contains no proprietary information. The other calculation (Enclosure 3) does contain proprietary information. This letter and the accompanying affidavit transmits both calculations to the NRC, and requests that the proprietary calculation be withheld from public disclosure. A redacted version of Enclosure 3 will be transmitted under separate cover.

If you have any questions concerning this information, please contact this office.

Respectfully submitted,

H. L. Sumner, Jr.

HLS/JAM

- Enclosures:
1. Affidavit of Susan N. Story, Executive Vice President-Engineering and Generation Services, Southern Company Services, Inc.
 2. Non-proprietary Calculation No. M0042, V1, B2, "Backing Ring Requirements"
 3. Proprietary Calculation No. SMSH 99-004, "Toros Fatigue Monitoring Formulas and 60 Yr. Cumulative Usage Factor Projection"

A083

Rec'd at NRC
w/ 2 enclosures
2 + 3

cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
Mr. C. R. Pierce, License Renewal Services Manager

U. S. Nuclear Regulatory Commission, Washington, D.C.
Mr. C. I. Grimes, Branch Chief, License Renewal and Standardization Branch
Mr. L. N. Olshan, Project Manager-Hatch
Mr. W. F. Burton, Project Manager-Hatch License Renewal (w/ enclosures)

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. J. T. Munday, Senior Resident Inspector-Hatch

Enclosure 1
HL-6036

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION**

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**AFFIDAVIT OF SUSAN N. STORY
IN SUPPORT OF REQUEST FOR WITHHOLDING
OF INFORMATION FROM PUBLIC RELEASE**

Susan N. Story, being duly sworn, deposes and says as follows:

My name is Susan N. Story. I am Executive Vice President-Engineering and Generation Services, Southern Company Services, Inc. The purpose of this Affidavit is to request that confidential proprietary information submitted to NRC on this date be kept confidential and withheld from public release, pursuant to 10 CFR ' 2.790.

This Affidavit is submitted in connection with the submission of Calculation No. SMSH 99-004, Torus Fatigue Monitoring Formulas and 60 year Usage Factor Projection to NRC in connection with its review of the application of Southern Nuclear Operating Company for renewal of the license for the Hatch Nuclear Plant. Southern Company Services, Inc. is Southern Nuclear Operating Company's contractor on this project, and developed the information and calculations submitted. Consistent with 10 CFR ' 2.790(b)(3)-(4), I affirm that:

- (i) the information constitutes proprietary trade secret information and has been kept confidential by Southern Company Services, Inc. and its client;
- (ii) this information is of a type customarily held in confidence; and there is a rational basis for it, namely, the protection of the intellectual property rights of Southern Company Services, Inc.;
- (iii) this information is being transmitted to the NRC in the expectation that it will be treated in confidence;
- (iv) the information is not available in or from public sources; and
- (v) the disclosure of this information would likely cause substantial harm to the competitive position of Southern Company Services, Inc.

For the foregoing reasons, I respectfully request that the information submitted and this Affidavit be withheld from public disclosure.

Susan N. Story
Susan N. Story
Executive Vice President
Southern Company Services, Inc.

Subscribed and sworn to before me this 24 day of January, 2001.

Sheraldene B. Lytle
Notary Public in and for
the State of Alabama
My Commission Expires: 7-5-2004