

**Southern Nuclear  
Operating Company, Inc.**

40 Inverness Center Parkway

Post Office Box 1295

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Tel 205 992-5000



June 11, 2010

Docket No.: 50-321

NL-10-1023

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

Edwin I. Hatch Nuclear Plant - Unit 1  
Inservice Inspection Program  
Owner's Activity Report for Outage 1R24

Ladies and Gentlemen:

Enclosed is the ASME Section XI Code Case N-532-4 OAR-1, Owner's Activity Report for the 1R24 Refueling Outage. There are no items to report for Table 1, "Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service," or for Table 2, "Abstract of Repairs, Replacement, or Corrective Measures Required for Continued Service."

This report is for the second period of the 4<sup>th</sup> Interval ISI activities (Interval 4, Period 2, Outage 1.)

This letter contains no NRC commitments. If you have any questions, please contact Jack Stringfellow at (205)992-7037.

Sincerely,

A handwritten signature in cursive script, reading "Mark J. Ajluni".

M. J. Ajluni  
Manager, Nuclear Licensing

MJA/PAH/lac

- Enclosures:
- 1). Form OAR-1 Owners Report
  - 2). OAR-1 1R24 Owner's Report, Table 1, Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
  - 3). OAR-1 1R24 Owner's Report, Table 2, Abstract of Repairs, Replacement, or Corrective Measures Required for Continued Service

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

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Mr. R. E. Martin, NRR Project Manager – Hatch  
Mr. E.D. Morris, Senior Resident Inspector – Hatch  
Mr. P.G. Boyle, NRR Project Manager

**Edwin I. Hatch Nuclear Plant - Unit 1  
Inservice Inspection Program  
Owner's Activity Report for Outage 1R24**

**Enclosure 1**

**FORM OAR-1 Owner's Report**

## FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 1-4-2-1 (Unit 1, 4<sup>TH</sup> Interval, 2<sup>ST</sup> Period, 1<sup>ST</sup> Report)

Owner Southern Nuclear Operating Co. (as agent for Georgia Power Company), 40 Inverness Center Parkway, Birmingham, AL 35242

Plant Edwin I. Hatch Nuclear Plant, P. O. Box 2010, Baxley, Georgia 31513

Unit No. 1 Commercial service date 12/31/75 Refueling outage no. 1R24  
(if applicable)

Current inspection interval 4<sup>TH</sup>  
(1<sup>ST</sup>, 2<sup>ND</sup>, 3<sup>RD</sup>, 4<sup>TH</sup>, other)

Current inspection period 2<sup>ND</sup>  
(1<sup>ST</sup>, 2<sup>ND</sup>, 3<sup>RD</sup>)

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition with 2003 Addenda

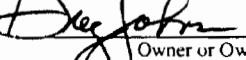
Date and revision of inspection plans 8/24/09, Revision 2

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same

Code Cases used: N-532-4  
(if applicable)

### CERTIFICATE OF CONFORMANCE

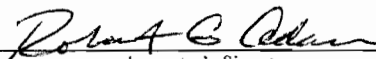
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 1R24 conform to the requirements of Section XI.  
(refueling outage number)

Signed  ENGINEER-IN-CHARGE Date 5-25-2010  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSBCT of Hartford, CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

  
Inspector's Signature

Commissions

GA 856

National Board, State, Province, and Endorsements

Date 5-25-10

**Edwin I. Hatch Nuclear Plant - Unit 1  
Inservice Inspection Program  
Owner's Activity Report for Outage 1R24**

**Enclosure 2**

**OAR-1 1R24 Owner's Report, Table 1  
Items with Flaws or Relevant Conditions that  
Required Evaluation for Continued Service**

**Examination  
Category and  
Item Number**

**Item Description**

**Evaluation  
Description**

OAR-1, Table 1

There are no items meeting the criteria of Section XI Code Case N-532-4 2(a) for evaluation of flaws or relevant conditions that exceeded the acceptance criteria of Division 1 to determine acceptability for continued service for Plant Hatch Unit 1 Operating Cycle 24 and Refueling Outage 1R24.

No evaluation required.

**Edwin I. Hatch Nuclear Plant - Unit 1  
Inservice Inspection Program  
Owner's Activity Report for Outage 1R24**

**Enclosure 3**

**OAR-1 1R24 Owner's Report, Table 2  
Abstract of Repairs, Replacement, or  
Corrective Measures Required for Continued Service.**

**Code  
Class**

**Item Description**

**Description of Work**

**Date Complete**

**Repair/  
Replacement  
Plan Number**

N/A

OAR-1, Table 2

There are no items meeting the criteria of Section XI Code Case N-532-4 2(b) for repair/replacement activities required that exceeded the acceptance criteria of Division 1 for Plant Hatch Unit 1 Operating Cycle 24 and Refueling Outage 1R24.

3/23/2010

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