

**Lewis Sumner**  
Vice President  
Hatch Project Support

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June 19, 2002

Docket No. 50-366

HL-6249

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

Edwin I. Hatch Nuclear Plant - Unit 2  
Third 10-Year Interval Inservice Inspection Program  
Owner's Activity Report

Ladies and Gentlemen:

By letter dated June 16, 1997, the NRC granted approval of Relief Request RR-14, which requested relief from ASME Code Section XI repair and replacement and inservice summary report documentation and submission requirements. The approved alternate was to implement the recording and reporting requirements contained in ASME Code Case N-532. In accordance with the requirements of ASME Code Case N-532, attached are the Owner's Activity Reports, form OAR-1, for the Edwin I. Hatch Nuclear Plant for the second period of the Third 10-year Interval Inservice Inspection program. The reports are for Unit 2 refueling outages (RFOs) 15 and 16.

Should you have any questions in this regard, please contact this office.

Respectfully submitted,

A handwritten signature in cursive script that reads "Lewis Sumner".

H. L. Sumner, Jr.

IFL/eb

Enclosure:

1. Owner's Activity Report 2-3-2-1 (Form OAR-1)
2. Owner's Activity Report 2-3-2-2 (Form OAR-1)

cc: Southern Nuclear Operating Company  
Mr. P. H. Wells, Nuclear Plant General Manager  
NORMS

U. S. Nuclear Regulatory Commission, Washington, D. C.  
Mr. L. N. Olshan, Project Manager - Hatch

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

A047

**Enclosure 1**

**Edwin I. Hatch Nuclear Plant - Unit 2  
Owner's Activity Report 2-3-2-1  
(Form OAR-1)**

PLANT HATCH UNIT 2, 2R15 OUTAGE

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 2-3-2-1(Unit 2, 3rd Interval, 2nd Period, 1st Report)

Owner Southern Nuclear Operating Co. (as agent for Georgia Power Company), 40 Inverness Center Parkway, Birmingham, Al 35242 (Name and Address of Owner)

Plant Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, Georgia 31513 (Name and Address of Plant)

Unit No. 2 Commercial service date 9/5/79 Refueling outage no. 2R15 (if applicable)

Current inspection interval 3rd (1st, 2nd, 3rd, 4th, other)

Current inspection period 2nd (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 1989 Edition

Date and revision of inspection plan 12/10/99, Revision 6

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan Same

CERTIFICATE OF CONFORMANCE

I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A Expiration Date N/A (if applicable)

Signed [Signature] Date 6/20/2000 Owner or Owner's Designee, Title AGM PS

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 Hartford Steam Boiler Inspection & Insurance Company of Hartford, CT have inspected the items described in this Owner's Activity Report, during the period 11/7/98 to 3/31/00, 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 examinations, tests, repairs, replacements, evaluations and corrective measures 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.

[Signature] Commissions Georgia - GA 00115 Inspector's Signature National Board, State, Province, and Endorsements

Date 6/27/00

This form (E00127) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
TABLE 1  
ABSTRACT OF EXAMINATIONS AND TESTS**

See Table 1 of the OAR-1 Report for 2R16.

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
TABLE 2  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT  
REQUIRED EVALUATION FOR CONTINUED SERVICE**

**NO FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE WERE IDENTIFIED  
DURING THE PLANT HATCH UNIT 2, 2R15 OUTAGE.**

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE**

**TABLE 3**

**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES  
REQUIRED FOR CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measures	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
2	Repair	Hanger	Performed maintenance on hanger 2E11-RHR-H161 which was identified as having unacceptable results during and ISI exam. A VT-3 was performed after maintenance with satisfactory results.	Yes	3/31/00	2-00-00814
3	Replacement	6" Piping and Fittings	PSW piping downstream of 2P41-F1181 had three through wall leaks. This piping and associated hangers were removed and replaced/reinstalled.	Yes	5/5/99	2-99-01910
MC	Replacement	Bolting/Nuts on Torus Access Hatch	Replaced ten bolts/nuts on the torus access hatch (penetration 2T23-X200A) which were found to be unsatisfactory during an ISI examination. Baseline VT-1 was satisfactory.	Yes	4/3/00	2-99-01195

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B9.11 B-J NUREG-0313A	A-14/03	2B31-1RCM-12AF-1 Manifold to Pipe	UT-H-402 PT-H-600	132-H	S00H2P030 S00H2U115 S00H2U116 S00H2U117	NRI NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313A	A-15/04	2B31-1RCM-12BA-1 Manifold to Pipe	UT-H-402	132-H	S00H2U118 S00H2U119 S00H2U120	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313A	A-14/03	2B31-1RCM-22A-1 Cross to Manifold	UT-H-402	129-H	S2K-00-027	NRI	NA	NA
B9.32 B-J NUREG-0313A	A-16/07	2B31-1RCM-28AS-9BC-2 Pipe to BC	PT-H-600	NA	S00H2P029	NRI	NA	NA
B9.11 B-J NUREG-0313A	A-21/06	2E11-1RHRM-20RS-2 Pipe to Elbow	UT-H-402	130-H	S00H2U052	NRI	NA	NA
B9.11 B-J NUREG-0313A	A-22/07	2E11-1RHRM-24A-13 Elbow to Tee	UT-H-402 PT-H-600	131-H	S00H2P034 S00H2U099 S00H2U100 S00H2U101	NRI NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313A	A-23/07	2E11-1RHRM-24B-11 Elbow to Pipe	UT-H-402 PT-H-600	131-H	S00H2P031 S00H2U097 S00H2U098	NRI NRI NRI	NA	NA

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

<b>ASME Section XI</b>	<b>Exam Figure No.</b>	<b>Exam/Area</b>	<b>Exam Procedure</b>	<b>Cal Block</b>	<b>Exam/Cal Sheet No.</b>	<b>Results</b>	<b>Result Comments</b>	<b>Remarks</b>
B9.11 B-J NUREG-0313A	A-28/06	2G31-1RWCUM-6-D-8 Pipe to 45° Elbow	UT-H-402 PT-H-600	133-H	S00H2P025 S00H2U051	NRI NRI	NA	NA
B5.130 B-F NUREG-0313C	A-11//05	2B21-1FW-12BC-11 Transition Piece to Safe- End Extension MSIP 94 RO	UT-H-409 PT-H-600	78-H 88-H	S2K-00-011 S00H2P021	NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-11//05	2B21-1FW-12BC-12 Safe-End Extension to Safe-End MSIP 94 RO	UT-H-402	78-H	S2K-00-013	NRI	NA	NA
B5.130 B-F NUREG-0313C	A-11//05	2B21-1FW-12BC-13 Safe-End to Transition Piece MSIP 94 RO	UT-H-409 PT-H-600	53-H 78-H	S2K-00-015 S00H2P020	NRI NRI	NA	NA
B5.130 B-F NUREG-0313C	A-11//05	2B21-1FW-12BD-10 Safe-End to Transition Piece MSIP 94 RO	UT-H-409 PT-H-600	53-H 78-H	S2K-00-005 S2K-00-008 S00H2P017	NRI NRI NRI	NA	NA
B5.130 B-F NUREG-0313C	A-11//05	2B21-1FW-12BD-8 Transition Piece to Safe- End Extension MSIP 94 RO	UT-H-409 PT-H-600	78-H 88-H	S2K-00-009 S00H2P018	NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-11//05	2B21-1FW-12BD-9 Safe-End Extension to Safe-End MSIP 94 RO	UT-H-402	78-H	S2K-00-010 S00H2U067	NRI NRI	NA	NA



**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
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<b>ASME Section XI</b>	<b>Exam Figure No.</b>	<b>Exam/Area</b>	<b>Exam Procedure</b>	<b>Cal Block</b>	<b>Exam/Cal Sheet No.</b>	<b>Results</b>	<b>Result Comments</b>	<b>Remarks</b>
B5.10 B-F NUREG-0313C	A-14/03	2B31-1RC-12AR-G-5 S-E to Nozzle 2N2G IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S00H2U077 S00H2U078 S00H2U079	NRI NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-14/03	2B31-1RC-12AR-H-5 S-E to Nozzle 2N2H IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S2K-00-018 S00H2P003	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-14/03	2B31-1RC-12AR-K-5 S-E to Nozzle 2N2K IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S00H2U068 S00H2U069 S00H2U070	NRI RI NRI	Previously recorded indications.	No significant changes.
B5.10 B-F NUREG-0313C	A-15/04	2B31-1RC-12BR-A-5 S-E to Nozzle 2N2A IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S00H2U074 S00H2U076	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-15/04	2B31-1RC-12BR-B-5 S-E to Nozzle 2N2B IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S00H2P010 S2K-00-019 S00H2U091	NRI NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-15/04	2B31-1RC-12BR-C-5 S-E to Nozzle 2N2C IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S2K-00-014 S00H2P006	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-15/04	2B31-1RC-12BR-D-5 S-E to Nozzle 2N2D IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S00H2U071 S00H2U072 S00H2U073	NRI NRI RI	Previously recorded indications.	No significant changes.
B5.10 B-F NUREG-0313C	A-15/04	2B31-1RC-12BR-E-5 S-E to Nozzle 2N2E IHSI 1986	UT-H-409 PT-H-600	85-H 164-H	S2K-00-001 S00H2P005	NRI NRI	NA	NA

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B5.10 B-F NUREG-0313C	A-16/07	2B31-1RC-28A-1 Nozzle 2N1A to S-E IHSI 1986	UT-H-409 PT-H-600	84-H 163-H	S2K-00-026 S00H2P028	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-18/07	2B31-1RC-28B-1 Nozzle 2N1B to S-E IHSI 1986	UT-H-409 PT-H-600	84-H 163-H	S2K-00-028 S00H2P026	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-37/00	2B31-1RC-4JP-A-1 Nozzle 2N8A to Safe-End MSIP 94 RO	UT-H-409 PT-H-600	121-H 161-H	S00H2U004 S00H2U005 S00H2U006 S00H2U007 S00H2U008	NRI NRI NRI NRI T&C	NA	NA
B5.10 B-F NUREG-0313C	A-37/00	2B31-1RC-4JP-B-1 Nozzle 2N8B to Safe-End MSIP 94 RO	UT-H-409 PT-H-600	121-H 161-H	S00H2U009 S00H2U010 S00H2U011 S00H2U012 S00H2U013	NRI RI NRI NRI T&C	Root Geometry	Acceptable as is.
B9.11 B-J NUREG-0313C	A-14/03	2B31-1RCM-12AF-3 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P012 S00H2U090 S2K-00-023	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-14/03	2B31-1RCM-12AH-2 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P002 S00H2U093 S2K-00-024	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-14/03	2B31-1RCM-12AJ-2 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P014 S2K-00-021	NRI NRI	NA	NA

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B9.11 B-J NUREG-0313C	A-14/03	2B31-1RCM-12AK-3 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P013 S2K-00-020	NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-15/04	2B31-1RCM-12BB-2 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P011 S00H2U092 S2K-00-022	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-15/04	2B31-1RCM-12BC-2 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P007 S00H2U036 S2K-00-003	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-15/04	2B31-1RCM-12BD-2 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P004 S00H2U034 S2K-00-004	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-15/04	2B31-1RCM-12BE-3 Pipe to Safe-End	UT-H-402 PT-H-600	132-H	S00H2P008 S00H2U035 S2K-00-002	NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0313C	A-16/07	2B31-1RCM-28AS-2 Safe-End to Elbow	UT-H-402 PT-H-600	128-H	S00H2P024 S2K-00-025	NRI RI	Root Geometry	Acceptable as is.
B9.11 B-J NUREG-0313C	A-16/07	2B31-1RCM-28BS-2 Safe-End to Elbow	UT-H-402 PT-H-600	128-H	S00H2P027 S2K-00-029	NRI NRI	NA	NA
B5.10 B-F NUREG-0313C	A-1/05	2C11-1CRD-3-R-1 2N9 Nozzle to Cap MSIP 94 RO	UT-H-409 PT-H-600	97-H 161-H	S00H2U044 S00H2U045	NRI NRI	NA	NA

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B5.130 B-F NUREG-0313C	A-21/06	2E11-1RHRM-20RS-3 Elbow to Pipe	UT-H-409 PT-H-600	130-H 14-H	S00H2P001	NI	NA	NA
					S00H2U053	NRI		
					S00H2U054	NRI		
					S00H2U055	NRI		
					S00H2U056	NRI		
B5.10 B-F NUREG-0313C	A-24/06	2E21-1CS-10A-21 Safe-End to Nozzle MSIP 94 RO	UT-H-409 MT-H-500	78-H 164-H	S00H2U041	RI	ID & Root Geometry.	Previously recorded indications. No significant changes.
					S00H2U042	RI		
					S00H2U044	RI		
B5.10 B-F NUREG-0313C	A-25/07	2E21-1CS-10B-20 Safe-End to Nozzle MSIP 94 RO	UT-H-409 MT-H-500	78-H 164-H	S00H2U038	RI	ID & Root Geometry.	Previously recorded indications. No significant changes.
					S00H2U039	RI		
					S00H2U040	RI		
B9.11 B-J NUREG-0313C	A-28/06	2G31-1RWCU-6-D-17 Valve to Penetration	UT-H-402	2-H	S00H2U046	NRI	NA	NA
					S00H2U047	NRI		
					S00H2U048	T&C		
B9.11 B-J NUREG-0313C	A-28/06	2G31-1RWCUM-6-D-14 Pipe to Valve	UT-H-402 PT-H-600	133-H	S00H2U049	NRI	NA	NA
					S00H2U050	NRI		
B9.11 B-J NUREG-0313C	A-28/06	2G31-1RWCUM-6-D-15 Penetration to Pipe	UT-H-402 PT-H-600	133-H	S00H2P035	NRI	NA	NA
					S00H2U106	NRI		
					S00H2U107	NRI		
					S00H2U108	T&C		
B9.11 B-J NUREG-0313C	A-28/06	2G31-1RWCUM-6-D-16 Pipe to Valve	UT-H-402 PT-H-600	133-H	S00H2P036	NRI	NA	NA
					S00H2U109	NRI		
					S00H2U110	NRI		
					S00H2U111	T&C		

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

<b>ASME Section XI</b>	<b>Exam Figure No.</b>	<b>Exam/Area</b>	<b>Exam Procedure</b>	<b>Cal Block</b>	<b>Exam/Cal Sheet No.</b>	<b>Results</b>	<b>Result Comments</b>	<b>Remarks</b>
- - NUREG-0313R	2-BF-2	2B11\2N2E (RINTSA) Rintsa Weld	UT-H-415	125-H	S00H2U057	RI	Geometry	Acceptable as is.
- - NUREG-0313R	2-BF-2	2B11\2N2H (RINTSA) Rintsa Weld	UT-H-415	125-H	S00H2U058	RI	Geometry	Acceptable as is.
B9.11 B-J NUREG-0619	A-11/05	2B21-1FW-12BC-10 Pipe to Transition Piece	UT-H-401 PT-H-600	56-H 88-H	S00H2P022 S00H2U062 S00H2U063 S2K-00-012	NRI NRI NRI NRI	NA	NA
B9.11 B-J NUREG-0619	A-11/05	2B21-1FW-12BC-14 Transition Piece to Transition Piece	UT-H-401	53-H	S2K-00-016	NRI	NA	NA
B9.11 B-J NUREG-0619	A-11/05	2B21-1FW-12BC-15 Transition Piece to Nozzle	UT-H-401 PT-H-600	53-H	S00H2P019 S2K-00-017	NRI NRI	NA	NA
B9.11 B-J NUREG-0619	A-11/05	2B21-1FW-12BD-11 Transition Piece to Transition Piece	UT-H-401 PT-H-600	53-H	S2K-00-007 S00H2P016	NRI NRI	NA	NA
B9.11 B-J NUREG-0619	A-11/05	2B21-1FW-12BD-12 Transition Piece to Nozzle	UT-H-401 PT-H-600	53-H	S00H2P009 S00H2U061 S2K-00-008	NRI NRI NRI	NA	NA
- - NUREG-0619	A-11/05	2B21-1FW-12BD-7 Pipe to Transition Piece	UT-H-401	56-H 88-H	S2K-00-006	NRI	NA	NA

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R15 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

<b>ASME Section XI</b>	<b>Exam Figure No.</b>	<b>Exam/Area</b>	<b>Exam Procedure</b>	<b>Cal Block</b>	<b>Exam/Cal Sheet No.</b>	<b>Results</b>	<b>Result Comments</b>	<b>Remarks</b>
- - NUREG-0619	B83/04	2C11-2CRD-3-2FW-1611 Pipe to Reducer	UT-H-401	4-H	S00H2U014 S00H2U015	NRI NRI	NA	NA
- - NUREG-0619	B83/04	2C11-2CRD-4-2FW-1611 Reducer to Tee	UT-H-401	142-H	S00H2U016 S00H2U017	NRI NRI	NA	NA
- - NUREG-0619	B83/04	2G31-2RWCU-4-2FW-33 Tee to Pipe	UT-H-401	142-H	S00H2U018 S00H2U019	NRI NRI	NA	NA
- - NUREG-0803	B84/04	2C11-2CRD-8-SDV-4 Pipe to Elbow	MT-H-500	-	S00H2M031	NRI	NA	NA

Augmented IVVI was performed in accordance with the examination guidelines of the following reports:

BWRVIP-07      BWRVIP-18      BWRVIP-38      BWRVIP-41      BWRVIP-48

**Enclosure 2**

**Edwin I. Hatch Nuclear Plant - Unit 2  
Owner's Activity Report 2-3-2-2  
(Form OAR-1)**

PLANT HATCH UNIT 2, 2R16 OUTAGE

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 2-3-2-2 (Unit 2, 3rd Interval, 2nd Period, 2nd Report)

Owner Southern Nuclear Operating Co. (as agent for Georgia Power Company), 40 Inverness Center Parkway, Birmingham, Al 35242  
(Name and Address of Owner)

Plant Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, Georgia 31513  
(Name and Address of Plant)

Unit No. 2 Commercial service date 9/5/79 Refueling outage no. 2R16  
(if applicable)

Current inspection interval 3rd  
(1st, 2nd, 3rd, 4th, other)

Current inspection period 2nd  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 1989 Edition No Addenda

Date and revision of inspection plan 8/01/01, Revision 7

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan 1989 Edition No Addenda

CERTIFICATE OF CONFORMANCE

I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A Expiration Date N/A  
(if applicable)

Signed *J. A. Betts* Assistant General Manager Date 5/23/02  
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 Hartford Steam Boiler Inspection & Insurance Company of Hartford, CT have inspected the items described in this Owner's Activity Report, during the period 3/31/00 to 10/17/01, 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 examinations, tests, repairs, replacements, evaluations and corrective measures 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.

*[Signature]* Commissions Georgia - GA 00115  
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-23-02

This form (E00127) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.



**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE**

**TABLE 1  
ABSTRACT OF EXAMINATIONS AND TESTS**

Examination Category	Total Examinations Required for Interval 3	Total Examinations Credited for Period 2	Total Examinations Credited (%) For Period 2 (See Note 1)	Total Examinations Credited (%) To Date for Interval 3	Remarks
B-A					
(B1.11)	4	0	0	0	
(B1.12)	12	0	0	0	
(B1.21)	2	0	0	0	
(B1.22)	19	4	21	100	
(B1.30)	1	0	0	0	
(B1.40)	1	0	0	0	
<b>TOTAL</b>	<b>39</b>	<b>4</b>	<b>13</b>	<b>51</b>	RR-8
B-D					
(B3.90)	28	10	36	75	
(B3.100)	28	10	36	75	
<b>TOTAL</b>	<b>56</b>	<b>20</b>	<b>36</b>	<b>75</b>	
B-E					
(B4.12)	1	1	100	100	
(B4.13)	2	0	0	50	
<b>TOTAL</b>	<b>3</b>	<b>1</b>	<b>33</b>	<b>67</b>	Code Case N-498-1 (RR-2)
B-F					
(B5.10)	17	9	NA	NA	Examinations were performed in conjunction with the B-D examinations as allowed by Note 2, Table 2500-1, Category B-F. (R-6) See Note 4.
(B5.130)	13	4	NA	NA	
<b>TOTAL</b>	<b>34</b>	<b>14</b>	<b>NA</b>	<b>NA</b>	

**FORM OAR-1 OWNER'S ACTIVITY REPORT**  
**PLANT HATCH UNIT 2, 2R16 OUTAGE**  
**TABLE 1**  
**ABSTRACT OF EXAMINATIONS AND TESTS**

Examination Category	Total Examinations Required for Interval 3	Total Examinations Credited for Period 2	Total Examinations Credited (%) For Period 2 (See Note 1)	Total Examinations Credited (%) To Date for Interval 3	Remarks
B-G-1					See Note 4.
(B6.10)	56	14	25	64	(RR-1)
(B6.20)	52	14	27	62	
(B6.30)	4	0	*	*	*Deferral Permissible (See Note 1)
(B6.40)	56	14	25	64	
(B6.50)	56	14	25	64	
(B6.180)	NA	16**	NA	NA	**B-L-2 Pump examinations required only when disassembled.
(B6.190)	NA	1**	NA	NA	
(B6.200)	NA	16**	NA	NA	
<b>TOTAL</b>	<b>220</b>	<b>56</b>	<b>25</b>	<b>64</b>	<b>B6.10, B6.20, B-6.40 and B6.50 only.</b>
B-G-2					See Note 4.
(B7.50)	6	2	33	67	For B-J Piping exams when selected.
(B7.70)	*	2*	NA	NA	*B-M-2 Valve exams required only when disassembled.
<b>TOTAL</b>	<b>6</b>	<b>2</b>	<b>33</b>	<b>67</b>	<b>B7.50 Only</b>
B-H					
(B8.10)	2	2	100	100	(RR-4)
B-J					
(B9.11)	91	33	36	69	
(B9.12)	0	0	0	0	(RR-7)
(B9.31)	4	0	0	75	
(B9.32)	1	1	100	100	
<b>TOTAL</b>	<b>96</b>	<b>34</b>	<b>35</b>	<b>70</b>	



**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
TABLE 1  
ABSTRACT OF EXAMINATIONS AND TESTS**

Examination <i>Category</i>	Total Examinations Required for Interval 3	Total Examinations Credited for Period 2	Total Examinations Credited (%) For Period 2 (See Note 1)	Total Examinations Credited (%) To Date for Interval 3	Remarks
C-A (C1.10) (C1.20) <b>TOTAL</b>	2 1 3	0 1 1	0 100 33	50 100 67	(RR-5)
C-B (C2.21)	2	0	0	50	
C-C (C3.10) (C3.20) <b>TOTAL</b>	1 33 34	0 16 16	0 48 47	100 73 74	Code Case N-509 (RR-4)
C-F-2 (C5.51) (C5.52) (C5.81) <b>TOTAL</b>	92 0 7 99	26 0 2 28	28 0 29 28	64 0 43 63	Code Case N-524 (RR-7)
C-H (C7.10) (C7.20) (C7.30) (C7.40) (C7.50) (C7.60) (C7.70) (C7.80)	12 4 46 28 24 6 43 18	4 0 11 5 6 0 10 5	NA	NA	RR-2 See Note 4.

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
TABLE 1  
ABSTRACT OF EXAMINATIONS AND TESTS**

<u>Examination Category</u>	Total Examinations Required for Interval 3	Total Examinations Credited for Period 2	Total Examinations Credited (%) For Period 2 (See Note 1)	Total Examinations Credited (%) To Date for Interval 3	Remarks
F-A	55	17	31	64	Note 3. Class 1, Code Case N-491 Class 2, Code Case N-491 Class 1 and 2 Equipment - Multiple Stream
(F1.10)	121	46	38	70	
(F1.20)	9	3	33	89	
(F1.40)	185	66	36	66	
<b>TOTAL</b>					

**NOTES**

**Note 1:** Permission was granted to start the Hatch Unit 2 Third 10-Year Inspection Interval ahead of schedule such that the two Hatch units will be under the same edition of the ASME Section XI Code. Permission had been previously granted for the early update at the start of the Second 10-Year Inspection Interval. The time frame of the early update for both the Second and Third 10-Year Inspection Intervals is the start of the third period. In other words, the third period of the First 10-Year Inspection Interval became the first period of the Second 10-Year Inspection Interval. The scheduled examinations for the overlapping period were performed. In other words, no exams were missed. Components were examined at the same point in time as was planned in the earlier program. Relief Request RR-28 lists the minimum and maximum percentages by period as 16-50; 50-75; and 100%. So, at the beginning of the third period, the completion percent could be between 50 and 75. Therefore, with the early update the Third 10-Year Inspection Interval's first period percentages are really the First 10-Year Inspection Interval's third period percentages. The percent completions need to be viewed with the above concept in mind.

**Note 2:** A Relief Request will be submitted after completion of all exams when exact coverage and limitations for all exams are known.

**Note 3:** 100% of the Class 1, 2 and 3 snubbers are examined by qualified personnel every period. The table only takes code credit for the appropriate code percentage as required by ASME Code Case N-491.

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
TABLE 1  
ABSTRACT OF EXAMINATIONS AND TESTS**

**NOTES - continued**

**Note 4:** If a code item is:

- (a) allowed to be deferred, or
  - (b) required to be examined at the end of the interval, or
  - (c) only required to be examined when disassembled, or
  - (d) allowed to be examined in conjunction with other exams, or
  - (e) only required to examine accessible welds or accessible surfaces
- then percentage completed would not be applicable. Therefore, since the code category percentage is the sum of all the item number percentages associated with the category, then the code category percentage is also not applicable.

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
TABLE 2  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT  
REQUIRED EVALUATION FOR CONTINUED SERVICE**

**NO FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE WERE IDENTIFIED DURING THE  
PLANT HATCH UNIT 2, 2R16 OUTAGE.**

**FORM OAR-1 OWNER'S ACTIVITY REPORT**

**PLANT HATCH UNIT 2, 2R16 OUTAGE**

**TABLE 3**

**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES  
REQUIRED FOR CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measures	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
2	Replacement	Snubber, 16"	Remove mechanical snubber 2N11-MS-R69B (PSA-10) and replace with a Lisega hydraulic snubber per ED 00-9071. Old snubber removed failed FT following removal. Ref CR #2001008051.	Yes	9/28/01	2-01-00409
2	Replacement	Snubber, 16"	Remove mechanical snubber 2N11-MS-R69A (PSA-10) and replace with a Lisega hydraulic snubber per ED 00-9071. Old snubber removed failed FT following removal. Ref CR #2001008053.	Yes	9/28/01	2-01-00408



**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
-	B83/04	2C11-2CRD-3-2FW-1611	UT-H-401	4-H	S01H2U050	NRI	NA	NA
-		Pipe to Reducer			S01H2U051	NRI		
NUREG-0619								
-	B83/04	2C11-2CRD-4-2FW-1611	UT-H-401	142-H	S01H2U052	NRI	NA	NA
-		Reducer to Tee			S01H2U053	NRI		
NUREG-0619								
-	B83/04	2G31-2RWCU-4-2FW-33	UT-H-401	142-H	S01H2U054	NRI	NA	82% Examined.
-		Tee to Pipe			S01H2U055	NRI		Relief Request Required.
NUREG-0619								
-	2-BN-9-1	2B11NO-1A	VT-H-750		S01H2V055	NRI	NA	NA
-		Feedwater Sparger Arm						
NUREG-0619		Flow Holes, Tee, Welds, Brackets, 45°						
-	2-BN-9-1	2B11NO-1B	VT-H-750		S01H2V055	NRI	NA	NA
-		Feedwater Sparger Arm						
NUREG-0619		Flow Holes, Tee, Welds, Brackets, 135°						
-	2-BN-9-1	2B11NO-1C	VT-H-750		S01H2V055	NRI	NA	NA
-		Feedwater Sparger Arm						
NUREG-0619		Flow Holes, Tee, Welds, Brackets, 225°						
-	2-BN-9-1,	2B11NO-1D	VT-H-750		S01H2V055	NRI	NA	NA
-	2-BN-9-2	Feedwater Sparger Arm						
NUREG-0619		Flow Holes, Tee, Welds, Brackets, 315°						
B13.30	2-BN-9-1,	2B11NO-3A	VT-H-750		S01H2V055	NRI	NA	NA
NUREG-0619	2-BN-9-2	Feedwater Sparger Bracket & Attachment Weld to RPV at 5°						

**FORM OAR-1 OWNER'S ACTIVITY REPORT  
PLANT HATCH UNIT 2, 2R16 OUTAGE  
ATTACHMENT 1  
AUGMENTED INSPECTIONS PERFORMED**

<b>ASME Section XI</b>	<b>Exam Figure No.</b>	<b>Exam/Area</b>	<b>Exam Procedure</b>	<b>Cal Block</b>	<b>Exam/Cal Sheet No.</b>	<b>Results</b>	<b>Result Comments</b>	<b>Remarks</b>
B13.30 NUREG-0619	2-BN-9-1, 2-BN-9-2	2B111O-3B Feedwater Sparger Bracket & Attachment Weld to RPV at 95°	VT-H-750		S01H2V055	NRI	NA	NA
B13.30 NUREG-0619	2-BN-9-1, 2-BN-9-2	2B111O-3C Feedwater Sparger Bracket & Attachment Weld to RPV at 185°	VT-H-750		S01H2V055	NRI	NA	NA
B13.30 NUREG-0619	2-BN-9-1, 2-BN-9-2	2B111O-3D Feedwater Sparger Bracket & Attachment Weld to RPV at 275°	VT-H-750		S01H2V055	NRI	NA	NA

Augmented IVVI was performed in accordance with the examination guidelines of the following reports:

BWRVIP-18      BWRVIP-41      BWRVIP-47      BWRVIP-48