

OWNER'S DATA REPORT

FOR

INSERVICE INSPECTION

EDWIN I. HATCH NUCLEAR PLANT

UNIT 2

SEPTEMBER 1995 - NOVEMBER 1995

9602160097 960212
PDR ADOCK 05000366
Q PDR

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NOTE: Portions of this report are compiled from Southern Nuclear Operating Company report; "Nondestructive Examination of Selected Class 1, 2, and 3 Components", issued for the Fall 1995 Refueling Outage at E. I. Hatch Nuclear Plant, Unit 2. This report is available for review in the Records Management Department at the plant site.

LIST OF ABBREVIATIONS

ANI/ANII	Authorized Nuclear Inspector/Authorized Nuclear Inservice Inspector
ASME	American Society of Mechanical Engineers
ASNT	American Society of Nondestructive Testing
BC	Branch Connection
BWR	Boiling Water Reactor
CH	Closure Head
CONT	Containment
CPI	Containment Purge and Inerting
CRD	Control Rod Drive
CS	Core Spray
CU	Clean-up
C&L	Cramer and Lindell
DCR	Design Change Request
ECCS	Emergency Core Cooling Systems
ET	Eddy Current Examination
EPRI	Electric Power Research Institute
FB	Flange Bolting
FPC	Fuel Pool Cooling
FW	Feedwater
GE	General Electric
GPC	Georgia Power Company
HL	Hanger Lug
HPCI	High Pressure Coolant Injection
INF	Indication Notification Form
IGSCC	Intergranular Stress Corrosion Cracking
ISI	Inservice Inspection
LD	Longitudinal Seam Weld Extending Downstream
LD-I	Longitudinal Weld Downstream on Inside of Elbow
LD-O	Longitudinal Weld Downstream on Outside of Elbow
Lo	Zero Reference Location
LMT	Lambert, MacGill, Thomas, Inc.
LPCI	Low Pressure Coolant Injection
LU	Longitudinal Seam Weld Extending Upstream
LU-I	Longitudinal Weld Upstream on Inside of Elbow
LU-O	Longitudinal Weld Upstream on Outside of Elbow
MSIV	Main Steam Isolation Valve
MS	Main Steam
MSA	Main Steam Auxiliary
MT	Magnetic Particle Examination
MWe	Megawatt Electric
MWO	Maintenance Work Order
MWt	Megawatt Thermal
NDE	Nondestructive Examination

Abbreviations - cont.

NI	No Indication
NRC	Nuclear Regulatory Commission
OL	Overlay
PL	Pipe Lug
PLT	Plant
PR	Pipe Restraint
PROD	Product
PS	Pipe Support
PSW	Plant Service Water
PT	Liquid Penetrant Examination
QC	Quality Control
RC	Reactor Recirculation
RCIC	Reactor Core Isolation Cooling
RHR	Residual Heat Removal
RHRSW	Residual Heat Removal Service Water
RI	Recordable Indication
RINTSA	Recirculation Inlet Nozzle Thermal Sleeve Attachment
RL	Refracted Longitudinal
RL	Restraint Lug
RPV	Reactor Pressure Vessel
RX	Reactor
RWCU	Reactor Water Cleanup
SBLC	Standby Liquid Control
SIAI	Structural Integrity Associates, Inc.
SER	Service
SRV	Safety Relief Valve
SNC	Southern Nuclear Operating Company
TBP	Turbine Bypass
TDP	Torus Drainage and Purification
UT	Ultrasonic Examination
VLV	Valve
VT	Visual Examination

This list is comprised of standard abbreviations used in Inservice Inspection Documentation. All of these abbreviations may not appear in this report.

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
As Required By the Provisions of the ASME Codes Rules

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
 2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
 3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
 5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

7. Components Inspected:

<u>Component of Appurtenance or System</u>	<u>Manufacturer or Installer</u>	<u>Manufacturer or Installer Serial No.</u>	<u>State or Province Number</u>	<u>National Board No.</u>
<u>Rx. Pressure Vessel</u>	<u>Combustion Eng.</u>	<u>70101</u>	<u>N/A</u>	<u>11570</u>
<u>Rx. Pressure Vessel</u>	<u>Combustion Eng.</u>	<u>70101</u>	<u>N/A</u>	<u>11570</u>
<u>2B21 Feedwater</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2B31 Reactor Recirc.</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2C11 CRD</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2E11 RHR</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2E21 CS</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2E41 HPCI</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2E51 RCIC</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2G31 RWCU</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2N11 MS Auxiliary</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2N21 FW</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2T47 Primary Cont. Clg.</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>
<u>2T48 Cont. Purge</u>	<u>Pullman Power Prod.</u>	<u>*</u>	<u>N/A</u>	<u>N/A</u>

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets are recorded at the top of this form.

- * Spool piece or fitting numbers too numerous to list for each specific system. Material certifications for all piping, fittings, etc., are available for review in the Records Management Department at the plant site.

FORM NIS-1 (Back)

- 8. Examination Dates 04/24/94 to 11/19/95.
- 9. Inspection Interval from 01/86 to 01/96.
- 10. Abstract of Examination. Include a list of examinations and a statement concerning status of work required for current interval. ***
- 11. Abstract of Conditions Noted. ***
- 12. Abstract of Corrective Measures Recommended and Taken. ***

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date Jan 31, 1996 Signed Georgia Power Company By C. Moore

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of GA and employed by **** of Hartford, CT have inspected the components described in this Owner's Data Report during the period 4/94 to 11/95 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Date 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.

Date 31 - JAN 19 96

D.R. Jenkins

Inspector's signature

Commissions GEORGIA - GA 00115
National Board, State, Province, & No.

*** The following NIS-1 Form supplementary information and report includes the responses to NIS questions #10, #11, and #12.

**** Hartford Steam Boiler Inspection and Insurance Company.

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

NIS-1 Form Supplementary Information

Owner's Data Report for Inservice Inspection

Owner Name & Address: Georgia Power Company
333 Piedmont Avenue, N.E.
P. O. Box 4545
Atlanta, Georgia 30302

Name & Address of Nuclear Generating Plant:

Edwin I. Hatch Nuclear Plant
Route 1, Box 278
Baxley, Georgia 31513

Name Assigned to Nuclear Plant Station:

Edwin I. Hatch Nuclear Plant
Unit 2

Commercial Service Date: September 5, 1979

Gross Generating Capacity:

2558 MWt, 850 MWe

State, province, or Municipality Assigned Number: N/A

National Board Number Assigned by manufacturer: N/A

System Pressure/Leakage Tests

<u>System</u>	<u>Class</u>	<u>Test Required</u>
Reactor Pressure Vessel and Associated Class 1 Piping and Components	1	1 Leakage

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Name & address of Manufacturer of Components:

1. Reactor Pressure Vessel and Closure Head:
Combustion Engineering, Inc.
Chattanooga, TN
2. Piping (Classes 1, 2, and 3)
 - a. Pullman Power Products
Division of Pullman-Kellogg
Williamsport, PA
 - b. General Electric Company
San Jose, CA

Note: Piping purchased by General Electric and Pullman and installed by Pullman. Material certifications and manufacturer information are available for review in the Records Management Department at the Hatch Plant Site.

3. Piping Supports and Hangers (Classes 1, 2, and 3)
 - a. Bergen-Paterson Pipe Support Corporation
Laconia, NH
 - b. E-Systems Eneritech
Orange, CA
 - c. Pacific Scientific
Anaheim, CA
 - d. Liesega USA
Laconia, NH
4. Valves, Pumps, and Heat Exchangers
 - a. Byron-Jackson, Inc.
Los Angeles, CA
 - b. Crane
New York, NY
 - c. Wm. Powell Company
Cincinnati, OH
 - d. General Electric
San Jose, CA

Date of Inservice Inspection:

September 1995 to November 1995

1. Owner: Georgia Power Company, 35 1/2 Piedmont Ave., NE, P.O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A
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Completion Date of Inservice Inspection:

November 19, 1995

Name of Inspector: Donald R. Laakso (ANI/ANII)

Name & Mailing Address of Inspector's Employer:

The Hartford Steam Boiler Inspection and Insurance Company
200 Ashford Center - North
Suite 300
Atlanta, Georgia 30338

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ABSTRACT

An Inservice Inspection of selected Class 1, 2, and 3 components at Georgia Power Company's Edwin I. Hatch Nuclear Plant Unit 2 was performed during the Fall 1995 Maintenance/Refueling Outage. The components were examined in accordance with the applicable ISI Outage Plan, including any changes made during the outage as approved by GPC.

Edwin I. Hatch Unit 2 is currently in the third period of the second 10-Year Inspection Interval. The required examinations are presently on schedule as specified in the Second Ten-Year Inspection Plan.

The Nondestructive examinations were performed using VT, PT, MT, and UT examination techniques. SNC and GPC personnel and their contractor GE, performed NDE of the selected welds and components. In addition, GE personnel performed the VT examination of selected RPV internal components. SNC, GE, or GPC NDE procedures were utilized for all ASME Section XI examinations. GE personnel were qualified to the applicable SNC procedures. EPRI qualified inspectors were utilized for all examinations involving IGSCC susceptible materials. GE procedures were used for mechanized ultrasonic examination and exams were performed by GE inspectors.

In addition to NDE testing of Class 1 and 2 welds and components, pressure testing, visual examination of Class 1 component internal surfaces and visual examination of pipe supports and hangers were also performed. Third party review (e.g. an ANII) was utilized for all examinations of ASME Section XI components.

Selected components were examined in accordance with GPC commitments to the following documents:

- Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, "Rules for Inservice Inspection of Nuclear Power Plant Components," 1980 Edition with Addenda through Winter 1981.
- United States Nuclear Regulatory Commission, Generic Letter 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping" which invokes much of NUREG 0313, Revision 2, "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping".
- United States Nuclear Regulatory Commission, Generic Letter 81-11, which modifies and invokes NUREG 0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking".
- United States Nuclear Regulatory Commission, I&E Bulletin 80-13 Visual Examination of Core Spray Spargers has been closed out via NUREG/CR-4523. The required bulletin actions have been performed satisfactorily and will be continued during every refueling outage.
- SNC "Inservice Inspection Outage Plan, Edwin I. Hatch Nuclear Plant, Unit 2 1995 Fall Refueling Outage."

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- SNC "Second Ten-Year Examination Plan, Edwin I. Hatch Nuclear Plant Unit 2."
- United States Nuclear Regulatory Commission NUREG 0803, "Generic Safety Evaluation Report Regarding Integrity of BWR SCRAM System".

Representative samples of the following systems, comprised of selected Class 1 and 2 Components, were examined using various NDE techniques, in accordance with the above documents:

Class 1

- Reactor Pressure Vessel (2B11)
- Feedwater System (2B21)
- Reactor Recirculation System (2B31)
- Residual Heat Removal System (2E11)
- Core Spray System (2E21)
- High Pressure Coolant Injection System (2E41)

Class 2

- Control Rod Drive System (2C11)
- Residual Heat Removal System (2E11)
- Core Spray System (2E21)
- High Pressure Coolant Injection System (2E41)
- Reactor Core Isolation Cooling System (2E51)
- Reactor Water Cleanup System (2G31)
- Main Steam Auxiliary (2N11)
- Feedwater System (2N21)
- Primary Containment Cooling System (2T47)
- Containment Purge and Inerting (2T48)

Other - Augmented (Non ASME Section XI)

Seven (7) Non-Safety RWC System welds were examined using ultrasonic examinations techniques (UT) due to commitments made by GPC. These augmented exams are not required by the ASME Section XI Code but were performed due to commitments to GL 88-01.

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CLASS I EXAMINATIONS

NUREG 0313

GPC is committed to the performance of surface and volumetric examinations on IGSCC susceptible welds in accordance with NUREG 0313. This commitment is formalized in GPC response to NRC Generic Letter 88-01. The below listed summary gives the total number of exams performed by outage end.

Category A

Two (2) Category A welds were examined. No indications were found that exceeded Code allowable limits.

Category D

Four (4) RINTSA welds were examined by UT and no indications were found that exceeded Code allowable limits.

Other Class 1 Examinations

Forty-five (45) ASME Section XI component examinations were performed utilizing UT, MT, PT and VT as applicable. These examinations included: RPV welds, piping welds, valve internals, and valve bolting materials.

Per I&E Bulletin 80-13 (NUREG/CR-4523), the core spray sparger and associated piping were VT examined. Indications are acceptable as is for one more cycle of operation per General Electric.

Per ASME Section XI, selected RPV internals were examined. These examinations included portions of the vessel interior, interior attachments beyond the belt line region and RPV internal components. See the In-vessel Inspection section of this report for more detailed information.

Nine (9) Class 1 valves were disassembled for maintenance/inspection during the outage. The internals of these valves were VT inspected by GPC QC personnel.

Per SIL 433, all Shroud Head Bolts were examined. Indications of cracking were recorded in two (2) of these bolts. All indications were evaluated by General Electric and found to be acceptable for continued service.

CLASS II EXAMINATIONS

Sixty-eight (68) welds were examined using surface and/or volumetric NDE techniques as applicable per ASME Section XI requirements. Three (3) welds were examined per NUREG-0619 (UT only), fourteen (14) welds were augmented examinations (MT only), and the remaining fifty-one (51) welds were examined per ASME Section XI requirements.

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Pressure Testing

One (1) Class 1 system leakage test was performed satisfactorily. The Pressure Test Section of this report provides specific test identification and details.

Component Support Examinations (Class 1 and 2)

Twenty-nine (29) component supports were VT examined per the requirements of ASME Section XI during the outage with no recordable indications.

Snubber Examinations (Class 1 and 2)

Forty-eight (48) snubbers were VT examined per GPC QC procedures. All of the snubbers were determined to be acceptable.

Augmented Examinations

Seven (7) welds in the non-safety portion of the RWCU System were examined by UT per a GPC commitment to the NRC for NUREG 0313, Rev. 2, augmented requirements. No reportable indications were detected.

Repairs and Replacements (Class 1 and 2)

Numerous repair/replacement activities were performed prior to and during the outage. An itemized list of the repair/replacement activities is included in the Repair/Replacement Section of this report.

Reportable Indications

Following is an itemized list of all welds and components which were reported with indications of which were considered unacceptable. All of these items were either repaired and/or evaluated and then determined to be acceptable.

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Summary of Indications

Identification	Indication	Corrective Action
Support 2T41-B003A-S01	Bolt found missing from base plate to floor.	Repaired. MWO 2-95-3197.
Core Spray Internal Piping N-2A	Crack-like indication found in heat affected zone of weld 17.	Acceptable for continued operation per GE
Lower Core Spray B M-1B	Linear indications recorded on bracket to shroud attachment welds.	Acceptable for continued operation per GE
Shroud Head Bolts #10 and #24	Suspect indications found.	Acceptable for continued operation per GE
Valve Bodies 2B21-F010B	Minor gouges found in the body above the spacer ring.	Evaluated as acceptable per GPC Engineering
Valve Bodies 2E11-F015A	Gouge on valve stem.	Replaced. MWO 2-95-2847.
Valve Bolting 2E11-F015B	Thread damage on 3 studs.	Evaluated as acceptable per GPC engineering.
CRD Bolts	Minor pitting localized in area near the bolt head.	Replaced. MWO 2-95-1442.
CRD Bolts	Small cracks near the head of the bolt.	Replaced. MWO 2-95-1442.

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The following sections contain a summary of the NDE Examinations performed, provide additional information, and provide the results of those examinations.

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SUMMARY
OF
CLASS 1 EXAMINATIONS

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
REACTOR PRESSURE VESSEL ASSEMBLY							
B1.30 B-A ASME	A-1/05	2C-1 VESSEL-TO-FLANGE	UT-HAT-702V0/00 UT-HAT-306V0/01	62-H 27-H	C-G2K-13 HA2018 RPV001	CAL RI NRI	NON-GEOMETRIC 16 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. LIMITED EXAM DUE TO FLANGE - 86.5% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-1-A LONGITUDINAL WELD ON UPPER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2011	RI	NON-GEOMETRIC 2 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 93.7% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-1-B LONGITUDINAL WELD ON UPPER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2014	RI	NON-GEOMETRIC 5 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 91.2% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-1-C LONGITUDINAL WELD ON UPPER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2013	RI	NON-GEOMETRIC 23 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 92.1% COVERAGE.
B1.11 B-A ASME	A-1/05	2C-2 RPV UPPER SHELL-TO- UPPER MIDDLE SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2016	RI	NON-GEOMETRIC 7 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. LIMITED EXAM DUE TO STABILIZER BRACKETS. 83.7% COVERAGE

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B1.12 B-A ASME	A-1/05	2C-2-A LONGITUDINAL WELD ON UPPER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2010	RI	NON-GEOMETRIC 3 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 95.7% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-2-B LONGITUDINAL WELD ON UPPER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2015	RI	NON-GEOMETRIC 5 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 95.6% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-2-C LONGITUDINAL WELD ON UPPER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2012	RI	NON-GEOMETRIC 3 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 90.4% COVERAGE.
B1.11 B-A ASME	A-1/05	2C-3 RPV UPPER MIDDLE SHELL- TO- LOWER MIDDLE SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2009	RI	NON-GEOMETRIC 4 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 95.8% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-3-A LONGITUDINAL WELD ON LOWER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2006	RI	NON-GEOMETRIC 1 NON-GEOMETRIC INDICATION WAS FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 91.4% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-3-B LONGITUDINAL WELD ON LOWER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2007	RI	NON-GEOMETRIC 9 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 94.3% COVERAGE.

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B1.12 B-A ASME	A-1/05	2C-3-C LONGITUDINAL WELD ON LOWER MID SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2008	RI	GEOMETRY 93.6% COVERAGE
B1.11 B-A ASME	A-1/05	2C-4 RPV LOWER MIDDLE SHELL- TO- LOWER SHELL WELD	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2005	RI	NON-GEOMETRIC 9 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 96.2% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-4-A LONGITUDINAL WELD ON LOWER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	61-H	HA2001	RI	NON-GEOMETRIC 14 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 90.9% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-4-B LONGITUDINAL WELD ON LOWER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	61-H	HA2002	RI	NON-GEOMETRIC 9 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 91.9% COVERAGE.
B1.12 B-A ASME	A-1/05	2C-4-C LONGITUDINAL WELD ON LOWER SHELL	UT-HAT-702V0/00 UT-HAT-300V0/00	61-H	HA2003	RI	NON-GEOMETRIC 25 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 93.7% COVERAGE.
B1.11 B-A ASME	A-1/05	2C-5 RPV LOWER SHELL-TO- BOTTOM HEAD TORUS	UT-HAT-702V0/00 UT-HAT-300V0/00	62-H	HA2004	RI	NON-GEOMETRIC 8 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 95.0% COVERAGE.

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B1.21 B-A ASME	A-1A/05	2C-7 RPV BOTTOM HEAD TORUS- TO- BOTTOM HEAD DOME	UT-HAT-702V0/00 UT-HAT-300V0/00	63-H 61-H	HA2017	RI	NON-GEOMETRIC 93 NON-GEOMETRIC INDICATIONS WERE FOUND AND EVALUATED AS ACCEPTABLE TO ASME SECTION XI. 95.3% COVERAGE
B1.40 B-A ASME	A-3/04	2HC-2 (20-39) CLOSURE HEAD-TO-FLG CENTERLINE STUD 20 TO STUD	MT-H-500/06 UT-H-410/06	64-H	S95H2M060 S95H2U149 S95H2U150 S95H2U151	NRI NRI NRI NRI	LIMITED EXAM DUE TO FLANGE CONFIGURATION. 89% COVERAGE.
B6.40 B-G-1 ASME	A-33/01	2LIG-21 THRU 40 FLANGE LIGAMENTS	UT-H-419/03	61-H	S95H2U210	NRI	LIMITED EXAM DUE TO FLANGE SEATING SURFACE - 95% COVERAGE.
-- -- NUREG-0313D	- -	2N2A (RINTSA) RINTSA WELD	UT-H-415/06	125-H	S95H2U118	RI	GEOMETRY
-- -- NUREG-0313D	- -	2N2C (RINTSA) RINTSA WELD	UT-H-415/06	125-H	S95H2U119	RI	GEOMETRY
-- -- NUREG-0313D	- -	2N2D (RINTSA) RINTSA WELD	UT-H-415/06	125-H	S95H2U120	RI	GEOMETRY

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	-	2N2E (RINTSA)	UT-H-415/06	125-H	S95H2U121	RI	GEOMETRY
NUREG-0313D		RINTSA WELD					
B5.20 B-F ASME	A-1/05	2N10 (N-SE) RPV INST. NOZZLE TO SAFE-END	VT-H-720/03		S95H2V059	SAT	
B4.13 B-E ASME	A-1A/05	2N10 (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V060	SAT	
B5.20 B-F SIL-5/1	A-1/05	2N11A (N-SE) RPV INST. NOZZLE TO SAFE-END	UT-H-400/13	158-H	S95H2U172 S95H2U173	NRI NRI	
B4.13 B-E ASME	A-1/05	2N11A (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V061	SAT	
B5.20 B-F SIL-571	A-1/05	2N11B (N-SE) RPV INST. NOZZLE TO SAFE-END	UT-H-400/13	158-H	S95H2U174 S95H2U175	NRI NRI	

E.J. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B4.13 B-E ASME	A-1/05	2N11B (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V062	SAT	
B5.20 B-F SIL-571	A-1/05	2N12A (N-SE) RPV INST. NOZZLE TO SAFE-END	UT-H-400/13	158-H	S95H2U176 S95H2U177	NRI NRI	
B4.13 B-E ASME	A-1/05	2N12A (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V063	SAT	
B5.20 B-F SIL-571	A-1/05	2N12B (N-SE) RPV INST. NOZZLE TO SAFE-END	UT-H-400/13	158-H	S95H2U178 S95H2U179	NRI NRI	
B4.13 B-E ASME	A-1/05	2N12B (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V064	SAT	
B5.20 B-F SIL-571	A-1/05	2N16A (N-SE) RPV INST. NOZZLE TO SAFE-END	VT-H-710/03		S95H2V048	SAT	

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B4.13 B-E ASME	A-1/05	2N16A (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V065	SAT	
B5.20 B-F SIL-571	A-1/05	2N16B (N-SE) RPV INST. NOZZLE TO SAFE-END	VT-H-710/03		S95H2V049	SAT	
B4.13 B-E ASME	A-1/05	2N16B (N-SH) RPV INSTRUMENTATION NOZZLE TO SHELL	VT-H-720/03		S95H2V066	SAT	
B6.10 B-G-1 ASME	A-33/01	2NUT-21 THRU 40 CLOSURE HEAD NUTS	MT-H-500/06		S95H2M034	NRI	EXAMINED ONE DIRECTION ONLY DUE TO CONFIGURATION.
B6.20 B-G-1 ASME	A-33/01	2STUD-21 THRU 40 CLOSURE HEAD STUDS	UT-H-420/06	156-H	S95H2U211 S95H2V058	NRI SAT	
B6.50 B-G-1 ASME	A-33/01	2WASHER-21 THRU 40 CLOSURE HEAD WASHERS	VT-H-710/03		S95H2V046	SAT	

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B15.10 B-P ASME	-	CLASS 1 LEAKAGE TEST PRESSURE RETAINING BOUNDARY LEAKAGE TEST	GPC		N/A	-	PERFORMED PER 42-IT-TET-006-2S Rev. 7.
B7.80 B-G-2 ASME	A-29/03	FLANGE BOLTING CRD HOUSING	GPC		N/A	-	SEE PAGE 27 EXAMINED BY GPC QC.
B8.10 B-H ASME	A-3/04	RPV (HEAD LUGS) 4 LIFTING LUGS	MT-H-500/06		S95H2M032	NRI	
---	---	SHROUD HEAD BOLTS	UT-HAT-501V2/00	LFK	CM-001	CAL	2 BOLTS WERE FOUND WITH SUSPECT INDICATIONS, THESE WERE LATER EVALUATED AS NOT CRACKED.
---	---	1 THRU 36		009-1	CM-002	CAL	
SIL-433					DM001	RI GEOMETRY	
					DM002	RI GEOMETRY	
					DM003	RI GEOMETRY	
FEEDWATER SYSTEM							
B9.11 B-J ASME	A-1/05	2B21-1FW-18B-1 VALVE TO PIPE	UT-H-400/13 MT-H-500/06	77-H	S95H2M066 S95H2U188 S95H2U189 S95H2U190	NRI NRI RI GEOMETRY N/A T/C	ONE-SIDED EXAM DUE TO VALVE.
RECIRCULATION SYSTEM							

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B9.31 B-J NUREG-0313A	A-16 (DRAFT)	2B31-1RCM-28AS-9BC-4 BC TO PIPE	PT-H-600/05 UT-H-400/13	154-H	S95H2U146 S95H2U147 S95H2U148	NRI NRI NRI	SURFACE EXAM PERFORMED BY GPC QC. ONE-SIDED EXAM DUE TO BRANCH CONNECTION CONFIGURATION.
B7.50 B-G-2 ASME	A-16 (DRAFT)	2B31-1RCM-28AS-9BC-4 FB FLANGE BOLTING	VT-H-710/03		S95H2V068	SAT	
B9.31 B-J NUREG-0313A	A-18 (DRAFT)	2B31-1RCM-28BS-8BC-4 BC TO PIPE	PT-H-600/05 UT-H-400/13	154-H	S95H2U185 S95H2U186 S95H2U187	NRI NRI	SURFACE EXAM PERFORMED BY GPC QC. ONE-SIDED EXAM DUE TO BRANCH CONNECTION CONFIGURATION.
B7.50 B-G-2 ASME	A-18 (DRAFT)	2B31-1RCM-28BS-8BC-4 FB FLANGE BOLTING	VT-H-710/03		S95H2V068	SAT	
CORE SPRAY SYSTEM							
B9.11 B-J ASME	A-25/07	2E21-1CS-10B-4 PIPE TO PENETRATION	UT-H-400/13 MT-H-500/06	137-H	S95H2M064 S95H2U134 S95H2U135 S95H2U136	NRI NRI NRI N/A T/C	ONE-SIDED EXAM DUE TO PENETRATION CONFIGURATION.

HIGH PRESSURE COOLANT INJECTION SYSTEM

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B9.11 B-J ASME	A-26.06	2E41-1HPCI-10-D-21 PENETRATION TO PIPE	UT-H-400/13 MT-H-500/06	54-H	S95H2M065 S95H2U191 S95H2U192	NRI NRI NRI	
VALVE BOLTING							
B7.70 B-G-2 ASME	A- 13	2B21-F010B BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-3015. SAT.
B7.70 B-G-2 ASME	A- 5	2B21-F013D BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3430. SAT.
B7.70 B-G-2 ASME	A- 5	2B21-F013H BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2204. SAT.
B7.70 B-G-2 ASME	A- 5	2B21-F013L BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3436. SAT.
B7.70 B-G-2 ASME	A- 5	2B21-F013M BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3437. SAT.

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B7.70 B-G-2 ASME	A-6/06	2B21-F028A BOLTING VALVE BOLTING	VT-H-710/03		S95H2V050	SAT	
B7.70 B-G-2 ASME	A-7/07	2B21-F028B BOLTING VALVE BOLTING	VT-H-710/03		S95H2V051	SAT	
B7.70 B-G-2 ASME	A-8/07	2B21-F028C BOLTING VALVE BOLTING	VT-H-710/03		S95H2V052	SAT	
B7.70 B-G-2 ASME	A-9/06	2B21-F028D BOLTING VALVE BOLTING	VT-H-710/03		S95H2V053	SAT	
B7.70 S-G-2 ASMF	A-22	2E11-F015A BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A		EXAMINED BY GPC QC. MWO 2-95-2847. SAT.

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia, 3030.
2. Plant: Edwin L. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA, 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B7.70 B-G-2 ASME	A-23	2E11-F015B BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2849. THREAD DAMAGE ON 3 STUDS FOUND DURING INSPECTION. THREAD DAMAGE EVALUATED AS BEING CAUSED BY DISASSEMBLY. NO REDUCTION IN BOLT INTEGRITY. BOLTS ACCEPTABLE FOR CONTINUED SERVICE PER GPC ENGINEERING EVALUATION.
B7.70 B-G-2 ASME	A-23/05	2E11-F017B BOLTING VALVE BOLTING	VT-H-710/03		S95H2V067	SAT	
B7.70 B-G-2 ASME	A-24	2E21-F005A BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2845. SAT.
B7.70 B-G-2 ASME	A-25	2E21-F005B BOLTING VALVE BOLTING	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2846. SAT.

VALVE BODIES

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B12.50 B-M-2 ASME	A-13	2B21-F010B BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-3015. SAT. MINOR GOUGES FOUND IN THE BODY ABOVE THE SPACER RING AREA. EVALUATED BY ENGINEERING AS ACCEPTABLE.
B12.50 B-M-2 ASME	A-5	2B21-F013D BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3430. SAT.
B12.50 B-M-2 ASME	A-5	2B21-F013H BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2204. SAT.
B12.50 B-M-2 ASME	A-5	2B21-F013L BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3436. SAT.
B12.50 B-M-2 ASME	A-5	2B21-F013M BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-94-3437. SAT.

E.I. Hatch Unit 2
Class 1 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B12.50 B-M-2 ASME	A-22	2E11-F015A BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2847. SAT. VALVE STEM HAS A GOUGE. STEM FOUND TO BE ACCEPTABLE AFTER REPLACEMENT. SOME THREAD DAMAGE ON BONNET HOLES WHICH WAS REPAIRED/EVALUATED
B12.50 B-M-2 ASME	A-23	2E11-F015B BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2849. PITTING NOTED IN STUFFING BOX EVALUATED AS ACCEPTABLE BY GPC ENGINEERING.
B12.50 B-M-2 ASME	A-24	2E21-F005A BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2845. SAT.
B12.50 B-M-2 ASME	A-25	2E21-F005B BODIES VALVE BODIES	GPC 45QC-INS-010-OS		N/A	-	EXAMINED BY GPC QC. MWO 2-95-2846. SAT.

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Easley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

VISUAL EXAMINATION OF CLASS 1 CRD BOLTING

ASME Section XI requires examination of the CRD components (bolts, studs, and nuts) whenever the housings are disassembled. Twenty (20) CRDs were replaced during the outage which facilitated visual examination (VT-1) of the bolts, studs, and nuts. The subject examinations were performed using GPC QC personnel in conjunction with the CRD maintenance/replacement activities. Listed below are the CRDs which were examined using GPC procedure 45QC-INS-010-0S. The majority of the bolts were found to have minor pitting generally localized in the area near the bolt head. Four (4) out of the one hundred sixty (160) bolts examined were found to have small cracks near the head of the bolt. These types of indications on CRD bolting are addressed in General Electric SIL No. 483. All bolts with pitting or cracking were replaced.

34-35	10-39
10-15	18-03
26-27	18-23
38-47	26-23
26-19	22-47
10-43	02-31
22-15	38-23
14-19	46-39
46-15	22-27
02-19	14-31

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
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5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY
OF
CLASS 2 EXAMINATIONS

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
CONTROL ROD DRIVE SYSTEM							
--	B-83/04	2C11-2CRD-3-2FW-1611	UT-H-400/13	4-H	S95H2U107	NRI	ONE-SIDED EXAM DUE TO REDUCER.
--					S95H2U108	NRI	
NUREG-0619		PIPE TO REDUCER					
--	B-83/04	2C11-2CRD-4-2FW-1611	UT-H-400/13	142-H	S95H2U109	NRI	LIMITED EXAM DUE TO CONFIGURATION 35% COVERAGE.
--					S95H2U110	NRI	
NUREG-0619		REDUCER TO TEE					
RESIDUAL HEAT REMOVAL SYSTEM							
--	B-97/03	2E11-2RHR-4-HS-11	MT-H-500/06		S95H2M059	NRI	
--		PIPE TO 45 DEGREE ELBOW					
AUGMENTED							
--	B-97A/03	2E11-2RHR-4-HS-14	MT-H-500/06		S95H2M056	NRI	
--		ELBOW TO PIPE					
AUGMENTED							
--	B-33/04	2E11-2RHR-4B-PD-D-1	MT-H-500/06		S95H2M014	NRI	
--		BC TO VALVE					
AUGMENTED							
C5.21	B-67	2E11-2RHR-6B-SS-3A	MT-H-500/06	50-H	S95H2U180	NRI	SURFACE EXAMINATION PERFORMED BY GPC QC MWO 2-95-2301 FW-004.
C-F	(DRAFT)		UT-H-400/13		S95H2U181	NRI	
ASME		PIPE TO CAP			S95H2U182	NRI	
					S95H2U193	N/A T/C	

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.21 C-F ASME	B-20/04	2E11-2RHR-6B-SS-9 PIPE TO ELBOW	MT-H-500/06 UT-H-400/13	50-H	S95H2M018 S95H2U163 S95H2U164 S95H2U165	NRI NRI NRI N/A T/C	
C5.11 C-F ASME	B-23/05	2E11-2RHR-8-FPS-12 PIPE TO 45-DEGREE ELBOW	MT-H-500/06		S95H2M057	NRI	
C5.11 C-F ASME	B-23/05	2E11-2RHR-8-FPS-16 PIPE TO ELBOW	MT-H-500/06		S95H2M068	NRI	
C5.11 C-F ASME	B-24/03	2E11-2RHR-10A-SWDS-8 VALVE TO ELBOW	45QC-INS-006-OS		Q95H2M043	NRI	EXAMINED BY GPC QC.
C5.11 C-F ASME	B-25/03	2E11-2RHR-10B-SWDS-2 PIPE TO VALVE	MT-H-500/06		S95H2M001	NRI	
C5.11 C-F ASME	B-14/08	2E11-2RHR-16A-DS-4 PIPE TO ELBOW	MT-H-500/06		S95H2M007	NRI	
C5.11 C-F ASME	B-26/04	2E11-2RHR-16A-HXI-5 PIPE TO ELBOW	45QC-INS-006-OS		Q95H2M044	NRI	EXAMINED BY GPC QC.

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3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/03/79 6. National Board No. for Unit N/A

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
- - AUGMENTED	B-27/03	2E11-2RHR-16A-HXO-2BC-1/ 2E11-2RHR-4A-HXO PIPE TO BC	MT-H-500/06		S95H2M010	NRI	
C5.11 C-F ASME	B-26 (DRAFT)	2E11-2RHR-16A-SS-5A PIPE TO CAP	45QC-INS-006-OS		Q95H2M056	N/A	EXAMINED BY GPC QC. MWO 2-95-2301 FW-001.
C3.20 C-C ASME	B-18/06	2E11-2RHR-16B-DS-5PL-1 THRU 8 DEVICE 2E11-RHR-R129	MT-H-500/06		S95H2M031	NRI	
C5.11 C-F ASME	B-21/07	2E11-2RHR-16B-SH-6 45-DEGREE ELBOW TO PIPE	MT-H-500/06		S95H2M002	NRI	
C5.11 C-F ASME	B-30 (DRAFT)	2E11-2RHR-16B-SS-4A PIPE TO CAP	45QC-INS-006-OS		Q95H2M057	N/A	EXAMINED BY GPC QC. MWO 2-95-2300 FW-001.
C5.11 C-F ASME	B-35/04	2E11-2RHR-20A-D-1 TEE TO PIPE	45QC-INS-006-OS		Q95H2M045	NRI	EXAMINED BY GPC QC.
C5.11 C-F ASME	B-35/04	2E11-2RHR-20A-D-2 PIPE TO 45-DEGREE ELBOW	45QC-INS-006-OS		Q95H2M046	NRI	EXAMINED BY GPC QC.

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.11 C-F ASME	B-35/04	2E11-2RHR-20A-D-11 PIPE TO ELBOW	45QC-INS-006-OS		Q95H2M047	NRI	EXAMINED BY GPC QC.
C5.11 C-F ASME	B-29/04	2E11-2RHR-20A-PD-C-8 VALVE TO PIPE	45QC-INS-006-OS		Q95H2M048	NRI	EXAMINED BY GPC QC.
C3.20 C-L ASME	B-36/03	2E11-2RHR-20B-D-11PL-1 THRU 4 DEVICE 2E11-RHR-H169	MT-H-500/16		S95H2M011	NRI	
C3.20 C-C ASME	B-36/03	2E11-2RHR-20B-D-11PL-5 THRU 12 DEVICE 2E11-RHR-R241	MT-H-500/06		S95H2M012	NRI	
C5.11 C-F ASME	B-37/04	2E11-2RHR-20C-D-5 VALVE TO PIPE	45QC-INS-006-OS		Q95H2M049	NRI	EXAMINED BY GPC QC.
C5.21 C-F ASME	B-40/04	2E11-2RHR-24A-BP-20 PIPE TO TEE	45QC-INS-006-OS UT-H-400/13	139-H	Q95H2M050 S95H2U123 S95H2U128 S95H2U132	NRI N/A T/C NRI RI	MT BY GPC QC. ONE-SIDED EXAM DUE TO TEE CONFIGURATION. GEOMETRY
C5.21 C-F ASME	B-43/03	2E11-2RHR-24A-TS-A-17 VALVE TO PIPE	45QC-INS-006-OS UT-H-400/13	139-H	Q95H2M051 S95H2U122 S95H2U130 S95H2U131	NRI N/A T/C NRI RI	MT BY GPC QC. ONE-SIDED EXAM DUE TO VALVE CONFIGURATION. GEOMETRY

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	B-49/04	2E11-2RHR-24B-TS-B-17BC-1	MT-H-500/06		Q95H2M039	NRI	
--		/2E11-2RHR-4B-TS-B			S95H2M009	NRI	
AUGMENTED		PIPE TO BC					
C1.10 C-A ASME	B-1/03	2HX-A-2	UT-H-400/13	73-H 72-H	Q95H2M052 S95H2U124 S95H2U125 S95H2U126 S95H2U127 S95H2U129	NRI N/A T/C NRI RI NRI NRI	LIMITED EXAMINATION DUE TO SUPPORT LUG INTERFERENCE. 73% COVERAGE.
		UPPER SHELL RING TO LOWER SHELL RING				GEOMETRY	
C3.10 C-C ASME	B-1/03	2HX-A-3S-2	45QC-INS-006-OS		Q95H2M053	NRI	EXAMINED BY GPC QC.
		LOWER SHELL RING SUPPORT					
C3.10 C-C ASME	B-1/03	2HX-A-3S-3	45QC-INS-006-OS		Q95H2M054	NRI	EXAMINED BY GPC QC.
		LOWER SHELL RING SUPPORT					
C3.10 C-C ASME	B-1/03	2HX-A-3S-4	45QC-INS-006-OS		Q95H2M055	NRI	EXAMINED BY GPC QC.
		LOWER SHELL RING SUPPORT					
CORE SPRAY SYSTEM							
C5.11 C-F ASME	B-54/05	2E21-2CS-10B-11	MT-H-500/06		S95H2M063	NRI	
		PIPE TO VALVE					

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.11 C-F ASME	B-58/04	2E21-2CS-12A-34 PIPE TO ELBOW	MT-H-500/06		S95H2M028	NRI	
C3.20 C-C ASME	B-61/05	2E21-2CS-20A-TS-12PS-1A PND 2A DEVICE 2E21-CS-R41	45QC-INS-006-OS		Q95H2M036	NRI	EXAMINED BY GPC QC
C5.11 C-F ASME	B-63/05	2E21-2CS-20B-TS-2 PIPE TO 45-DEGREE ELBOW	45QC-INS-006-OS		Q95H2M035	NRI	EXAMINED BY GPC QC
C6.10 C-G ASME	B-2A/02	2E21-2CS-POP-B-1BC/ SHAFT ELBOW TO BC CORE SPRAY PUMP B	MT-H-500/06		S95H2M013	NRI	RR 3.1.3
HIGH PRESSURE COOLANT INJECTION SYSTEM							
- - AUGMENTED	B-94/02	2E41-2HPCI-4-MFL-1 BRANCH CONNECTION TO PIPE	45QC-INS-006-OS		Q95H2M040	NRI	EXAMINED BY GPC QC
- - AUGMENTED	B-94/02	2E41-2HPCI-4-MFL-4 PIPE TO ELBOW	MT-H-500/06		S95H2M025	NRI	

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.21 C-F ASME	B-16/04	2E41-2HPCI-8A-SS-1 REDUCER TO PIPE	MT-H-500/06 UT-H-400/13	52-H	S95H2M020 S95H2U101 S95H2U102	NRI RI RI	GEOMETRY GEOMETRY ONE-SIDED EXAM DUE TO REDUCER.
C5.21 C-F ASME	B-16 (DRAFT)	2E41-2HPCI-8A-SS-5A PIPE TO CAP	MT-H-500/06 UT-H-400/13	154-H	S95H2U169 S95H2U170 S95H2U171 S95H2U194	NRI NRI NRI N/A T/C	MT PERFORMED BY GPC QC MWO 2-95-2301 FW-003
C5.21 C-F ASME	B-67/03	2E41-2HPCI-10-D-10 TEE TO REDUCER	MT-H-500/06 UT-H-400/13	54-H	S95H2M006 S95H2U160 S95H2U161 S95H2U162	NRI N/A T/C NRI NRI	
C5.21 C-F ASME	B-68/05	2E41-2HPCI-10-D-29 PIPE TO TEE	MT-H-500/06 UT-H-400/13	54-H	S95H2M023 S95H2U157 S95H2U158 S95H2U159	NRI NRI RI N/A T/C	GEOMETRY
C5.21 C-F ASME	B-70/05	2E41-2HPCI-10-TL-1 TEE TO PIPE	45QC-INS-006-OS UT-H-400/13	137-H	Q95H2M041 S95H2U183 S95H2U184	NRI NRI NRI	MT PERFORMED BY GPC QC ONE-SIDED EXAM DUE TO TEE CONFIGURATION
C5.21 C-F ASME	B-66/07	2E41-2HPCI-14-R-33 PIPE TO 45-DEGREE ELBOW	MT-H-500/06 UT-H-400/13	116-H	S95H2M029 S95H2U207 S95H2U208	NRI NRI NRI	
- - AUGMENTED	B-73/05	2E41-2HPCI-16-TS-12 VALVE TO PIPE	45QC-INS-006-OS		Q95H2M038	NRI	EXAMINED BY GPC QC.

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
-	B-73/05	2E41-2HPCI-16-TS-24	45QC-INS-006-OS		Q95H2M042	NRI	EXAMINED BY GPC QC.
AUGMENTED		PIPE TO REDUCER					
C5.11 C-F ASME	B-74/03	2E41-2HPCI-18-TD-1	MT-H-500/06		S95H2M019	NRI	
		FLANGE TO TEE					
C5.11 C-F ASME	B-69/04	2E41-2HPCI-20-TD-14	MT-H-500/06		S95H2M003	NRI	
		PIPE TO TEE					
C5.11 C-F ASME	B-69/04	2E41-2HPCI-20-TD-23	MT-H-500/06		S95H2M004	NRI	
		ELBOW TO PIPE					
REACTOR CORE ISOLATION COOLING SYSTEM							
-	B-88/02	2E51-2RCIC-4-PS-5	MT-H-500/06		S95H2M016	NRI	
AUGMENTED		PIPE TO ELBOW					
-	B-95/03	2E51-2RCIC-4-SS-13	MT-H-500/06		S95H2M059	NRI	
AUGMENTED		PIPE TO ELBOW					

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
- - AUGMENTED	B-89/02	2E51-2RCIC-6-CST-9 PIPE TO 45 DEGREE ELBOW	MT-H-500/06		S95H2M015	NRI	
- - AUGMENTED	B-87/02	2E51-2RCIC-6-PS-4BC/ 2E51-2RCIC-3-PS PIPE TO BRANCH CONNECTIONS	MT-H-500/06		S95H2M017	NRI	
- - AUGMENTED	B-86/04	2E51-2RCIC-6-TS-10 ELBOW TO VALVE	MT-H-500/06		S95H2M021	NRI	
C5 11 C-F ASME	B-82/06	2E51-2RCIC-10-TD-17 PIPE TO VALVE	MT-H-500/06		S95H2M005	NRI	
REACTOR WATER CLEAN-UP SYSTEM							
- - NUREG-0619	B-83/04	2G31-2RWCU-4-2FW-33 TEE TO PIPE	UT-H-400/13	142-H	S95H2U111 S95H2U112	NRI NRI	ONE-SIDED EXAM DUE TO TEE CONFIGURATION.
MAIN STEAM AUXILIARY SYSTEM							
C5 21 C-F ASME	B-6/04	2N11-2MSA-10C-SSR-2 PIPE TO VALVE	MT-H-500/06 UT-H-400/13	54-H	S95H2M058 S95H2U166 S95H2U167 S95H2U168	NRI N/A T/C RI NRI	ONE-SIDED EXAM DUE TO VALVE CONFIGURATION GEOMETRY

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.21 C-F ASME	B-7/04	2N11-2MSA-16A-18 45-DEGREE ELBOW TO PIPE	MT-H-500/06 UT-H-400/13	53-H	S95H2M027 S95H2U115 S95H2U116 S95H2U117	NRI RI RI N/A T/C	GEOMETRY GEOMETRY
C3.20 C-C ASME	B-9/06	2N11-2MSA-24A-5PL-1 THRU 8 DEVICE 2N11-MS-R45	MT-H-500/06		S95H2M061	NRI	
C3.20 C-C ASME	B-11/06	2N11-2MSA-24C-1PS-1 THRU 2 PIPE SUPPORT	MT-H-500/06		S95H2M026	NRI	
C5.21 C-F ASME	B-12/06	2N11-2MSA-24D-4 PIPE TO ELBOW	MT-H-500/06 UT-H-400/13	152-H	S95H2M067 S95H2U204 S95H2U205 S95H2U206	NRI N/A T/C RI RI	GEOMETRY GEOMETRY
C3.20 C-C ASME	B-12/06	2N11-2MSA-24D-11PL-1 THRU 8 DEVICE 2N11-MS-A60	MT-H-500/06		S95H2M022	NRI	
FEEDWATER SYSTEM							
B9.11 B-J ASME	A-38A/02	2N21-2FW-18A-3 PIPE TO VALVE	MT-H-500/06 UT-H-400/13	77-H	S95H2M024 S95H2U113 S95H2U114	NRI RI RI	ONE-SIDED EXAM DUE TO VALVE CONFIGURATION. RR 2.1.4 GEOMETRY GEOMETRY

CONTAINMENT PURGE AND INERTING SYSTEM

E.I. Hatch Unit 2
Class 2 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
C5.11 C-F ASME	B-77/05	2T48-2CPI-6-SVD-6 PIPE TO ELBOW	MT-H-500/06		S95H2M008	NRI	
C3.20 C-C ASME	B-78/04	2T48-2CPI-18-PID-2PL-1 THRU 8 DEVICE 2T48-CPUR-R49	MT-H-500/06		S95H2M062	NRI	
C5.11 C-F ASME	B-78/04	2T48-2CPI-18-PID-6 45-DEGREE ELBOW TO PIPE	MT-H-500/06		Q95H2M037	NRI	EXAMINED BY GPC QC.
C5.11 C-F ASME	B-79/06	2T48-2CPI-20-PIT-5 VALVE TO PIPE	MT-H-500/06		S95H2M030	NRI	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31512.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY
OF
CLASS 1 AND 2 PRESSURE TESTS
PRESSURE TESTING

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

CLASS 1 AND 2 PRESSURE TESTS

GENERAL

This section of the report provides a discussion of the pressure tests which were performed during the 1995 Plant E. I. Hatch Unit 2 Fall Refueling Outage. These pressure tests were performed for the purpose of inservice inspection of Class 1 components. No Class 2 pressure tests were performed this outage. The pressure tests and their boundaries are identified in the Inservice Inspection Plan Documents prepared by Southern Nuclear Operating Company.

All pressure tests were performed in accordance with ASME Section XI, 1980 Edition with Addenda through Winter 1981. All tests were witnessed and/or reviewed by the resident ANII. The completed test reports are available for review in the Records Management Department at Plant E. I. Hatch.

CLASS 1 PRESSURE TESTS

One (1) Class 1 Leakage Test was performed during the outage per ASME Section XI, paragraph IWA-5211(a). The test was performed per GPC procedure 42IT-TET-006-2S, ISI Pressure Test of the Class 1 System.

TEST RESULTS

One (1) fillet weld on a small bore reactor water sample line was found cracked during the VT-2 examination. This weld was repaired/replaced prior to startup. The VT-2 examination also found some minor leakage at mechanical joints. Any component which was disassembled prior to startup or to repair leakage, was re-examined during startup at normal operating pressure (1035 psig) per GPC procedure 42IT-TET-004-0S, Operating Pressure Testing of Piping and Components.

CLASS 1 PRESSURE TEST SUMMARY

TEST I.D.	PROCEDURE	MWO NUMBER
2B21-LT-1	42IT-TET-006-2S	2-95-0377

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY OF VISUAL EXAMINATIONS

CLASS 1 AND 2

COMPONENT SUPPORTS

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

COMPONENT SUPPORT EXAMINATIONS

This section of the report provides a discussion of the visual examinations performed on selected component supports on Hatch Unit 2. Pipe Supports inspected are listed on separate tables as part of this section. The subject examinations were performed during the Refueling/Maintenance Outage. Examinations were performed using SNC Procedure VT-H-730 (VT-3 and VT-4). The procedure and all examination data sheets are available for review at the plant site.

Class 1

One (1) component support from the 2B11 system was visually examined. No unacceptable indication was detected.

Class 2

Twenty-eight (28) component supports from the 2E11, 2E21, 2E41, 2E51, and 2T47 systems were visually examined. No unacceptable indications were detected.

E.I. Hatch Unit 2
Support Components

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Exam/Cal Sheet No.	Results	Remarks
1	2B11-SK1	- 2B11-A001-S01 REACTOR VESSEL	DRYWELL	114	S95H2V054	SAT	
2	2E11-SK4	- 2E11-B001A-S01 HT EXCH	NE DIAG	112	S95H2V031	SAT	
2	2E11-SK5	- 2E11-C002A-S01 PUMP	NE DIAG	122	S95H2V030	SAT	
2	2E21-SK6	- 2E21-C001A-S01 PUMP	NE DIAG	87	S95H2V055	SAT	
2	2E41-SK7	- 2E41-C001-S01 PUMP	SE DIAG	112	S95H2V021	SAT	
2	2E51-SK8	- 2E51-C001-S01 PUMP	NW DIAG	87	S95H2V033	SAT	
2	2T47-SK9	- 2T47-B007A-S01 COOLING UNIT	DRYWELL	183	S95H2V045	SAT	
2	2T47-SK9	- 2T47-B010A-S01 COOLING UNIT	DRYWELL	114	S95H2V044	SAT	
2	B-101/02	2E11 - RHR-R138 RESTRAINT	SE DIAG	94	S95H2V013	SAT	

E.I. Hatch Unit 2
Support Components

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Exam/Cal Sheet No.	Results	Remarks
2	B-101/02	2E11 - RHR-R139 RESTRAINT	SE DIAG	94	S95H2V014	SAT	
2	B-19/05	2E11 - RHR-H202 HANGER	TORUS	122	S95H2V025	SAT	
2	B-19/05	2E11 - RHR-H203 HANGER	TORUS	122	S95H2V026	SAT	
2	B-19/05	2E11 - RHR-H204 HANGER	TORUS	122	S95H2V027	SAT	
2	B-23/05	2E11 - RHR-R81 RESTRAINT	RWCU HX ROOM	178	S95H2V043	SAT	
2	B-23/05	2E11 - RHR-R82 RESTRAINT	RWCU HX ROOM	178	S95H2V042	SAT	
2	B-27/03	2E11 - RHR-H178 SPRING	NE DIAG	113	S95H2V037	SAT	
2	B-34/06	2E11 - RHR-A50 ANCHOR	TORUS	121	S95H2V034	SAT	
2	B-59/06	2E21 - CS-A33 ANCHOR	SE DIAG	123	S95H2V015	SAT	

E.I. Hatch Unit 2
Support Components

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Exam/Cal Sheet No.	Results	Remarks
2	B-59/06	2E21 - CS-R70 RESTRAINT	SE DIAG	108	S95H2V016	SAT	
2	B-59/06	2E21 - CS-R71 RESTRAINT	SE DIAG	108	S95H2V017	SAT	
2	B-60/05	2E21 - CS-A32 ANCHOR	REACTOR BLDG	162	S95H2V023	SAT	
2	B-60B/03	2E21 - CS-H83 SPRING	SE DIAG	95	S95H2V035	SAT	
2	B-61/05	2E21 - CS-R41 RESTRAINT	TORUS	87	S95H2V029	SAT	
2	B-16/04	2E41 - HPCI-H85 HANGER	NW DIAG	120	S95H2V040	SAT	
2	B-67/03	2E41 - HPCI-A65 ANCHOR	TORUS	120	S95H2V041	SAT	
2	B-68/05	2E41 - HPCI-H70 SPRING	HPCI ROOM	120	S95H2V036	SAT	
2	B-68/05	2E41 - HPCI-R75 RESTRAINT	HPCI ROOM	120	S95H2V018	SAT	

E.I. Hatch Unit 2
Support Components

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Exam/Cal Sheet No.	Results	Remarks
2	B-68/05	2E41 - HPCI-R79 RESTRAINT	HPCI ROOM	120	S95H2V019	SAT	
2	B-70A(DRAFT)	2E51 - RCIC-H709 RESTRAINT	TORUS	120	S95H2V056	SAT	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin L. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513
3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SNUBBER SUPPORT EXAMINATIONS

This section of the report provides a discussion of the visual examination (VT) performed on snubber supports. All safety related snubbers were VT examined by GPC QC personnel using GPC procedure 45QC-INS-012-0S (VT-3).

The subject examinations were performed prior to and during the Refueling/Maintenance Outage. The procedure and all examination data sheets are available for review at the plant site.

Examinations

Class 1

Sixteen (16) snubbers from the 2B21, 2B31, 2E11, and 2E41 systems were visually examined. No unacceptable indications were detected.

Class 2

Thirty-two (32) snubbers from the 2E11, 2E21, 2E51, 2N11, 2T46, and 2T48 systems were visually examined. No unacceptable indications were detected.

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30702
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
1	A-7/07	2B21-MS-R49A Mechanical Snubber	Drywell	167	Sat	
1	A-7/07	2B21-MS-R49B Mechanical Snubber	Drywell	167	Sat	
1	A-8/07	2B21-MS-R44A Mechanical Snubber	Drywell	150	Sat	
1	A-8/07	2B21-MS-R44B Mechanical Snubber	Drywell	150	Sat	
1	A-17/04	2B31-SS-A20 Hydraulic Snubber	Drywell	138	Sat	Replaced MWO 2-95-2582 Evaluated by GPC Engineering as degraded, not a failure.
1	A-18/05	2B31-SS-B1 Hydraulic Snubber	Drywell	117	Sat	
1	A-18/05	2B31-SS-B2 Hydraulic Snubber	Drywell	125	Sat	Replaced MWO 2-95-1118 Evaluated by GPC Engineering as degraded, not a failure.
1	A-18/05	2B31-SS-B3 Hydraulic Snubber	Drywell	125	Sat	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
1	A-18/05	2B31-SS-B6 Hydraulic Snubber	Drywell	137	Sat	
1	---	2B31-S40-H1 Mechanical Snubber	Drywell	120	Sat	
1	A-21/05	2E11-RHR-R342 Mechanical Snubber	Drywell	139	Sat	
1	A-22/05	2E11-RHR-R355 Mechanical Snubber	Drywell	150	Sat	Deleted MWO 2-95-2592 Evaluated by GPC Engineering as degraded, not a failure.
1	A-23/05	2E11-RHR-R350 Mechanical Snubber	Drywell	150	Sat	
1	A-23/05	2E11-RHR-R357A Mechanical Snubber	Drywell	150	Sat	
1	A-26/06	2E41-HPCI-R113B Mechanical Snubber	Drywell	145	Sat	
1	A-26/06	2E41-HPCI-R112 Mechanical Snubber	Drywell	145	Sat	Replaced MWO 2-95-2969 Evaluated by GPC Engineering as degraded, not a failure.

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
2	B-15/05	2E11-RHR-R292A Mechanical Snubber	Torus	118	Sat	
2	B-17/07	2E11-RHR-R93B Hydraulic Snubber	Torus	118	Sat	
2	B-17/07	2E11-RHR-R705A Mechanical Snubber	Torus	118	Sat	
2	B-18/06	2E11-RHR-R129A Hydraulic Snubber	Torus	123	Sat	
2	B-18/06	2E11-RHR-R129B Hydraulic Snubber	Torus	123	Sat	
2	B-19/05	2E11-RHR-R297A Mechanical Snubber	Torus	118	Sat	
2	B-21/07	2E11-RHR-R100 Hydraulic Snubber	Torus	119	Sat	
2	B-21/07	2E11-RHR-R105A Mechanical Snubber	Torus	118	Sat	
2	B-21/07	2E11-RHR-R106 Mechanical Snubber	Torus	118	Sat	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
2	B-21/07	2E11-RHR-R708 Mechanical Snubber	Torus	119	Sat	
2	B-26/04	2E11-RHR-R251A Hydraulic Snubber	NE Diag	119	Sat	
2	B-32/04	2E11-RHR-R282 Hydraulic Snubber	SE Diag	103	Sat	
2	B-32/04	2E11-RHR-R285B Hydraulic Snubber	SE Diag	100	Sat	
2	B-40/04	2E11-RHR-R253 Hydraulic Snubber	NE Diag	118	Sat	
2	B-42/06	2E11-RHR-R225 Mechanical Snubber	Torus	90	Sat	
2	B-42/06	2E11-RHR-R230 Mechanical Snubber	Torus	90	Sat	
2	B-60B/03	2E21-CS-R82B Mechanical Snubber	SE Diag	97	Sat	Replaced MWO 2-95-2570 Evaluated by GPC Engineering as degraded, not a failure.
2	B-86/04	2E51-RCIC-R705 Mechanical Snubber	Torus	89	Sat	Replaced MWO 2-95-2571 Evaluated by GPC Engineering as degraded, not a failure.

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3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
2	B-6/04	2N11-HPS-R67B Mechanical Snubber	Con Bay	156'10	Sat	
2	B-7/04	2N11-MS-R70 Mechanical Snubber	Con Bay	149	Sat	
2	B-7/04	2N11-MS-R72 Hydraulic Snubber	Con Bay	149	Sat	
2	B-9/03	2N11-MS-R44A Hydraulic Snubber	Con Bay	154	Sat	
2	B-10/07	2N11-MS-R38A Hydraulic Snubber	Con Bay	149	Sat	
2	B-12/06	2N11-MS-R50A Hydraulic Snubber	Con Bay	154	Sat	
2	B-12/06	2N11-MS-R50B Hydraulic Snubber	Con Bay	154	Sat	
2	---	2N11-MS-A60D Mechanical Snubber	Con Bay	153	Sat	
2	---	2N11-MS-R61B Mechanical Snubber	Con Bay	154	Sat	Replaced MWO 2-95-3030 Evaluated by GPC Engineering as degraded, not a failure.

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2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit: 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E. I. Hatch Unit 2
Snubbers

ASME Class	Exam Figure No.	Examination/Hanger Type	Location	Elevation	Results	Remarks
2	---	2N11-MS-R62A Mechanical Snubber	Con Bay	154	Sat	Replaced MWO 2-95-3030 Evaluated by GPC Engineering as degraded, not a failure.
2	---	2T46-SGTS-R65B Hydraulic Snubber	A/H Room	197	Sat	
2	---	2T48-CPUR-R12 Hydraulic Snubber	Rx Bldg.	185	Sat	
2	---	2T48-CPUR-R13 Hydraulic Snubber	Rx Bldg.	185	Sat	
2	---	2T48-CPUR-R55 Hydraulic Snubber	Rx Bldg.	130	Sat	

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3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY OF
NON-SAFETY NUREG-0313, REV. 2 INSPECTIONS

E.I. Hatch Unit 2
Class 3 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
REACTOR WATER CLEAN-UP SYSTEM							
--	C-128/02	2G31-3RWCU-4-BD-3	UT-H-400/13	145-H	S95H2U201	NRI	
--					S95H2U202	NRI	
NUREG-0313S		ELBOW TO REDUCER			S95H2U203	N/A T/C	
--	C-129/01	2G31-3RWCU-4-D-1	UT-H-400/13	145-H	S95H2U154	NRI	
--					S95H2U155	NRI	
NUREG-0313S		REDUCER TO TEE			S95H2U156	N/A T/C	
--	C-129/01	2G31-3RWCU-4-D-2	UT-H-400/13	145-H	S95H2U137	NRI	
--					S95H2U138	NRI	
NUREG-0313S		TEE TO PIPE			S95H2U139	N/A T/C	
--	C-126/01	2G31-3RWCU-5-BS-1	UT-H-400/13	153-H	S95H2U195	RI	GEOMETRY
--					S95H2U196	NRI	ONE-SIDED EXAM DUE TO FLANGE CONFIGURATION.
NUREG-0313S		REDUCER TO PIPE			S95H2U197	N/A T/C	
--	C-126/01	2G31-3RWCU-5-BS-2	UT-H-400/13	153-H	S95H2U198	NRI	ONE-SIDED EXAM DUE TO FLANGE CONFIGURATION.
--					S95H2U199	NRI	
NUREG-0313S		PIPE TO FLANGE			S95H2U200	N/A T/C	
--	C-125/01	2G31-3RWCU-6-D-1	UT-H-400/13	133-H	S95H2U143	N/A T/C	ONE-SIDED EXAM DUE TO VALVE CONFIGURATION.
--					S95H2U144	NRI	
NUREG-0313S		VALVE TO ELBOW			S95H2U145	NRI	

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3. Plant Unit 2.
4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/01/79
6. National Board No. for Unit N/A

E.I. Hatch Unit 2
Class 3 Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	C-125/01	2G31-3RWCU-6-D-5	UT-H-400/13	133-H	S95H2U140	NRI	
--					S95H2U141	NRI	
NUREG-0313S		PIPE TO ELBOW			S95H2U142	N/A T/C	

1. Owner: Georgia Power Company, 313 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY OF
REACTOR PRESSURE VESSEL
INTERNAL INSPECTIONS

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
IN-VESSEL VISUAL INSPECTIONS							
B13.21 B-N-2 ASME	2-BN-8-1	D-13 TOP GUIDE HOLD DOWNS @ 187.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-14 TOP GUIDE HOLD DOWNS @ 202.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-15 TOP GUIDE HOLD DOWNS @ 217.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-16 TOP GUIDE HOLD DOWNS @ 232.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-17 TOP GUIDE HOLD DOWNS @ 247.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-18 TOP GUIDE HOLD DOWNS @ 262.5°	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.21 B-N-2 ASME	2-BN-8-1	D-19 TOP GUIDE HOLD DOWNS @ 277.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-20 TOP GUIDE HOLD DOWNS @ 292.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-21 TOP GUIDE HOLD DOWNS @ 307.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-22 TOP GUIDE HOLD DOWNS @ 322.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-23 TOP GUIDE HOLD DOWNS @ 337.5°	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-8-1	D-24 TOP GUIDE HOLD DOWNS @ 352.5°	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-17-1	DRYER	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--		TEAR ON TOP PLATE NEAR 180° AZIMUTH					
--	2-BN-6-3	E-22	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 215 DEG					
--	2-BN-6-3	E-23	VT-H-750/06		S95H2V100	NR!	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 225 DEG					
--	2-BN-6-3	E-24	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 235 DEG					
--	2-BN-6-3	E-25	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 245 DEG					
--	2-BN-6-3	E-26	VT-H-750/06		S95H2V100	NR!	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 255 DEG					

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3. Plant Unit 2
4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79
6. National Board No. for Unit N/A

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-6-3	E-27	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 265 DEG					
--	2-BN-6-3	E-28	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 275 DEG					
--	2-BN-6-3	E-29	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 285 DEG					
--	2-BN-6-3	E-30	VT-H-750/06		S95H2V100	NI	
--		SHROUD HEAD HOLD DWN BRCKTS ATTACH WELD AZIMUTH 295 DEG					
B13.22 B-N-2 ASME	2-BN-8-2	F-25 42-43 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-26 42-47 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	

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 3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
 5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 ASME	2-BN-8-2	F-31 46-43 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-58 42-07 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-59 42-11 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100 S95H2V100	NI NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-63 46-11 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-78 10-11 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-108 06-43 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 ASME	2-BN-8-2	F-112 10-43 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-8-2	F-113 10-47 CORE TOP GUIDE CELLS	VT-H-750/06		S95H2V100	NI	
B13.10 B-N-1 ASME	2-BN-3-3	G-8 EXAMINATION OF VESSEL INTERIOR	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-9 @ 135° SHROUD SUPPORT LEDGE TO RPV WELD	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-9 @ 225° SHROUD SUPPORT LEDGE TO RPV WELD	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-9 @ 315° SHROUD SUPPORT LEDGE TO RPV WELD	VT-H-750/06		S95H2V100 S95H2V100 S95H2V100	NI NI NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	H-9 @ 45° SHROUD SUPPORT LEDGE TO RPV WELD	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-10 ID VERT WELD 230 DEG WELD V-2	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-14 OD VERT WELD 230 DEG WELD V-2	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-13 OD VERT WELD 230 DEG WELD V-2	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-15 OD VERT WELD 230 DEG WELD V-2	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-10 OD VERT WELD 230 DEG WELD V-2	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	H-13 ID VERTICAL WELD 50 DEG WELD V-5	VT-H-750/06		S95H2V100	NRI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-14 ID VERT WELD 230 DEG WELD V-6	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	H-15 ID VERT WELD 140 DEG WELD V-7	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-1 SHROUD RESTRAINT NO.1 @ 45° SHROUD RESTRAINT ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-2 SHROUD RESTRAINT NO.1 @ 45° CLEVIS PIN CONTACT AREA	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-3 SHROUD RESTRAINT NO.1 @ 45° LOW SPRNG CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-4 SHROUD RESTRAINT NO.1 @ 45° LOWER SPRING CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-5 SHROUD RESTRAINT NO.1 @ 45° MID SUPPORT CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-6 SHROUD RESTRAINT NO.1 @ 45° UP STAB CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-7 SHROUD RESTRAINT NO.1 @ 45° UPPER STAB CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-8 SHROUD RESTRAINT NO.1 @ 45° CORE PLATE WEDGE ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-9 SHROUD RESTRAINT NO.2 @ 135° SHROUD RESTRAINT ASSEMBLY	VT-H-750/06		S95H2V101	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-10 SHROUD RESTRAINT NO 2 @ 135° CLEVIS PIN CONTACT AREA	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-11 SHROUD RESTRAINT NO 2 @ 135° SPRING CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-12 SHROUD RESTRAINT NO 2 @ 135° LOW SPRING CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-13 SHROUD RESTRAINT NO 2 @ 135° MID SUPPORT CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-14 SHROUD RESTRAINT NO 2 @ 135° UP STAB CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-15 SHROUD RESTRAINT NO 2 @ 135° UPPER STAB CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-16 SHROUD RESTRAINT NO.2 @ 135° CORE PLATE WEDGE ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-17 SHROUD RESTRAINT NO.3 @ 225° SHROUD RESTRAINT ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-18 SHROUD RESTRAINT NO.3 @ 225° CLEVIS PIN CONTACT AREA	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-19 SHROUD RESTRAINT NO.3 @ 225° LOW SPRG CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-20 SHROUD RESTRAINT NO.3 @ 225° LOW SPRING CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-21 SHROUD RESTRAINT NO.3 @ 225° MID SUPPORT CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-22 SHROUD RESTRAINT NO.3 @ 225° UP STAB CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-23 SHROUD RESTRAINT NO.3 @ 225° UPPER STAB. CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-24 SHROUD RESTRAINT NO.3 @ 225° CORE PLATE WEDGE ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-25 SHROUD RESTRAINT NO.4 @ 315° SHROUD RESTRAINT ASSEMBLY	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-26 SHROUD RESTRAINT NO.4 @ 315° CLEVIS PIN CONTACT AREA	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-27 SHROUD RESTRAINT NO.4 @ 315° LOW SPRG CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-28 SHROUD RESTRAINT NO 4 @ 315° LOW SPRING CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-29 SHROUD RESTRAINT NO 4 @ 315° MID SUPPORT CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-30 SHROUD RESTRAINT NO 4 @ 315° UP STAB CONTACT AREA TO SHROUD	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-31 SHROUD RESTRAINT NO 4 @ 315° UPPER STAB. CONTACT AREA TO RPV	VT-H-750/06		S95H2V101	NI	
B13.22 B-N-2 SIL-572	2-BN-6-4	Q-32 SHROUD RESTRAINT NO 4 @ 315° CORE PLATE WEDGE ASSEMBLY	VT-H-750/06		S95H2V101	NI	
-- -- SIL-574	2-BN-4-8	J-1 RESTRAINER FOR JET PUMPS 1 & 2 AZIMUTH 30 DEG	VT-H-750/06		S95H2V100 S95H2V100	NI NI	

E.I. Hatch Unit 2
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ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-4-8	J-17	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 3 AND 4 AZIMUTH 60 DEG					
--	2-BN-4-8	J-33	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 5 AND 6 AZIMUTH 90 DEG					
--	2-BN-4-8	J-49	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 7 AND 8 AZIMUTH 120 DEG					
--	2-BN-4-8	J-57	VT-H-750/06		S95H2V100	NI	
--							
SIL-420		JET PUMP 7 SENSING LINE AZIMUTH 120 DEG					
--	2-BN-4-8	J-58	VT-H-750/06		S95H2V100	NI	
--							
SIL-420		JET PUMP 7 SENSING LINE UP SPRT BRKT AZIMUTH 120 DEG					
--	2-BN-4-8	J-59	VT-H-750/06		S95H2V100	NI	
--							
SIL-420		JET PUMP 7 SENSING LINE LOW SPRT BRKT AZIMUTH 120 DEG					

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-4-8	J-65	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 9 AND 10 AZIMUTH 150 DEG					
--	2-BN-4-8	J-81	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 11 & 12 AZIMUTH 210 DEG					
B13.20 B-N-2 ASME	2-BN-4-2	J-81A	VT-H-750/06		S95H2V100	NI	
					S95H2V100	NI	
		RISER BRACE SUPPORT PADS TO VESSEL WLD FOR JET PUMPS 11 & 12					
--	2-BN-4-8	J-81B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-551		RISER BRACE ARM FOR JET PUMPS 11 & 12					
--	2-BN-4-8	J-97	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NRI	
SIL-574		RESTRAINER FOR JET PUMPS 13 & 14 AZIMUTH 240 DEG					
B13.20 E-N-2 ASME	2-BN-4-2	J-97A	VT-H-750/06		S95H2V100	NI	
					S95H2V100	NI	
		RISER BRACE SUPPORT PADS TO VESSEL WLD FOR JET PUMPS 13 & 14					

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-4-8	J-97B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-551		RISER BRACE ARM FOR JET PUMPS 13 & 14					
--	2-BN-4-8	J-113	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 15 & 16 AZIMUTH 270 DEG					
B13.20 B-N-2 ASME	2-BN-4-2	J-113A	VT-H-750/06		S95H2V100	NI	
		RISER BRACE SUPPORT PADS TO VESSEL WLD FOR JET PUMPS 15 & 16			S95H2V100	NI	
--	2-BN-4-8	J-113B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-551		RISER BRACE ARM FOR JET PUMPS 15 & 16					
--	2-BN-4-8	J-129	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 17 AND 18 AZIMUTH 300 DEG					
B13.20 B-N-2 ASME	2-BN-4-2	J-129A	VT-H-750/06		S95H2V100	NI	
		RISER BRACE SUPPORT PADS TO VESSEL WLD FOR JET PUMPS 17 & 18			S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-4-8	J-129B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-551		RISER BRACE ARM FOR JET PUMPS 17 & 18					
--	2-BN-4-8	J-137	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-420		JET PUMP 17 SENSING LINE AZIMUTH 300 DEG					
--	2-BN-4-8	J-138	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-420		JET PUMP 17 SENSING LINE UP SPRT BRKT AZIMUTH 300 DEG					
--	2-BN-4-8	J-139	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-420		JET PUMP 17 SENSING LINE LOW SPRT BRKT AZIMUTH 300 DEG					
--	2-BN-4-8	J-145	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-574		RESTRAINER FOR JET PUMPS 19 & 20 AZIMUTH 330 DEG					
B13.20 B-N-2 ASME	2-BN-4-2	J-145A	VT-H-750/06		S95H2V100	NI	
		RISER BRACE SUPPORT PADS TO VESSEL WLD FOR JET PUMPS 19 & 20			S95H2V100	NI	

E.I. Hatch Unit 2
IVV Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-4-8	J-145B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
SIL-551		RISER BRACE ARM FOR JET PUMPS 19 & 20					
--	2-BN-17-1	K-1	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
--		STEAM DRYER LIFTING EYE AND ROD AZIMUTH 35 DEG					
--	2-BN-17-1	K-2	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NI	
--		STEAM DRYER LIFTING EYE AND ROD AZIMUTH 145 DEG					
--	2-BN-17-1	K-3	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NI	
--		STEAM DRYER LIFTING EYE AND ROD AZIMUTH 215 DEG					
--	2-BN-17-1	K-4	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NI	
--		STEAM DRYER LIFTING EYE AND ROD AZIMUTH 325 DEG					
--	2-BN-17-1	K-5	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NI	
--		STEAM DRYER SUPPORT BRACKET AZIMUTH 34 DEG			S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-17-1	K-6	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	RI	
--		STEAM DRYER SUPPORT BRACKET AZIMUTH 146 DEG					
--	2-BN-17-1	K-7	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NRI	
--		STEAM DRYER SUPPORT BRACKET AZIMUTH 214 DEG			S95H2V100	NRI	
--	2-BN-17-1	K-8	VT-H-750/06		S95H2V100	RI	RE-EXAMINATION OF PREVIOUSLY RECORDED INDICATIONS.
--					S95H2V100	NI	
--		STEAM DRYER SUPPORT BRACKET AZIMUTH 326 DEG					
--	2-BN-18-3	L-11	VT-H-750/06		S95H2V100	NI	
--		MOISTURE SEPARATOR LOWER SUPPORT BLOCK 0° THRU 360°					
--	2-BN-18-3	L-12	VT-H-750/06		S95H2V100	NI	
--		MOIST SEP LWR SPRT BLOCK GUSSETS & ATTACHMENT WELDS 1 - 36					
--	2-BN-7-5	M-1A	VT-H-750/06		S95H2V100	NRI	
--					S95H2V100	NI	
NUREG CR-4523		UPPER CORE SPRAY A PPG, NOZ & BRCKTS - 270 TO 90 DG					

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-7-5	M-1B	VT-H-750/06		S95H2V100	RI	SEE INF # I95H2003. LINEAR INDICATIONS ON THE BRACKET TO SHROUD ATTACHMENT WELDS. ACCEPTABLE AS IS PER GE EVALUATION.
--					S95H2V100	RI	
NUREG CR-4523		LOWER CORE SPRAY B PPG, NOZ & BRCKTS - 270 TO 90 DG			S95H2V100	RI	
					S95H2V100	NI	
					S95H2V100	RI	
--	2-BN-7-5	M-1C	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
NUREG CR-4523		UPPER CORE SPRAY C PPG, NOZ & BRCKTS - 90 TO 270 DG			S95H2V100	NI	
--	2-BN-7-5	M-1D	VT-H-750/06		S95H2V100	NI	SEE INF # I95H2003. LINEAR INDICATIONS ON THE BRACKET TO SHROUD ATTACHMENT WELDS. ACCEPTABLE AS IS PER GE EVALUATION.
--					S95H2V100	NI	
NUREG CR-4523		LOWER CORE SPRAY D PPG, NOZ & BRCKTS - 90 TO 270 DG			S95H2V100	NI	
					S95H2V100	RI	
					S95H2V100	NI	
					S95H2V100	RI	
					S95H2V100	NI	
					S95H2V100	RI	
					S95H2V100	RI	
					S95H2V100	NI	
					S95H2V100	RI	
					S95H2V100	NI	
					S95H2V100	RI	
--	2-BN-7-5	M-2A	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		UPPER CORE SPRAY INLET T-BOX AT 10 DEGREES TO SHROUD					

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31213.
3. Plant Unit 2 4. Owner Certificate of Authorization (if req.) N/A
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-7-5	M-2B	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		UPPER CORE SPRAY INLET T-BOX AT 170 DEGREES TO SHROUD					
--	2-BN-7-5	M-2C	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		LOWER CORE SPRAY INLET T-BOX AT 190 DEGREES TO SHROUD					
--	2-BN-7-5	M-2D	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		LOWER CORE SPRAY INLET T-BOX AT 350 DEGREES TO SHROUD					
--	2-BN-7-1	N-1A	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		CORE SPRY INTERN PPG FROM INLET @ 90 (2N5B) TO JUNC BOX					
--	2-BN-7-1	N-1B	VT-H-750/06		S95H2V100	NI	
--							
NUREG CR-4523		CORE SPRY INTERN PPG FROM INLET @ 270 (2N5A) TO JUNC BOX					

E.I. Hatch Unit 2
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ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BN-7-1	N-2A	VT-H-750/06		S95H2V100	NI	SEE INF # 195H2002 LINEAR INDICATION 1/2 INCH LONG ACCEPTABLE AS IS PER GE LETTER G-GPC-5-118 DATED OCTOBER 6, 1995.
--					S95H2V100	NI	
NUREG CR-4523		CORE SPRY INTERN PPG FROM JUNC BOX @ 90 TO SHROUD @ 10			S95H2V100	NI	
					S95H2V100	NRI	
					S35H2V100	RI	
--	2-BN-7-1	N-2B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
NUREG CR-4523		CORE SPRY INTERN PPG FROM JUNC BOX @ 90 TO SHROUD @ 170			S95H2V100	NI	
--	2-BN-7-1	N-3A	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
NUREG CR-4523		CORE SPRY INTERN PPG FROM JUNC BOX @ 270 TO SHROUD @ 190					
--	2-BN-7-1	N-3B	VT-H-750/06		S95H2V100	NI	
--					S95H2V100	NI	
NUREG CR-4523		CORE SPRY INTERN PPG FROM JUNC BOX @ 270 TO SHROUD @ 350					
B13.20 B-N-2 ASME	2-BN-7-2	N-4A	VT-H-750/06		S95H2V100	NI	
		CORE SPRAY SUPPORT BRCKT ATTACH WELDS TO VESSEL @ 30					

E.I. Hatch Unit 2
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ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.21 B-N-2 ASME	2-BN-7-2	N-4B CORE SPRAY SUPPORT BRCKT ATTACH WELDS TO VESSEL @ 150	VT-H-750/06		S95H2V100	NI	
B13.20 B-N-2 ASME	2-BN-7-3	N-4C CORE SPRAY SUPPORT BRCKT ATTACH WELDS TO VESSEL @ 210	VT-H-750/06		S95H2V100	NI	
B13.21 B-N-2 ASME	2-BN-7-3	N-4D CORE SPRAY SUPPORT BRCKT ATTACH WELDS TO VESSEL @ 330	VT-H-750/06		S95H2V100	NI	
-- -- NUREG CR-4523	A-1/05	N-5A A LOOP CORE SPRAY INLET NOZZLE N5A	VT-H-750/06		S95H2V100	NI	
-- -- NUREG CR-4523	A-1/05	N-5B B LOOP CORE SPRAY INLET NOZZLE N5B	VT-H-750/06		S95H2V100	NI	
-- -- NUREG-0619	2-BA-1	O-3E FEEDWATER NOZZLE INNER RADIUS @ 225 DEG (2N4C)	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
--	2-BA-1	O-4E	VT-H-753/06		S95H2V100	NI	
--							
NUREG-0613		FEEDWATER NOZZLE INNER RADIUS @ 315 DEG (2N4D)					
B13.22 B-N-2 ASME	2-BN-14-4	P-4 46-35 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 49-16 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 15-04 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 07-46 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 07-08 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	

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ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 ASME	2-BN-14-4	P-4 03-38 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 03-16 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 37-04 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 37-50 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 50-19 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 45-46 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 ASME	2-BN-14-4	P-4 50-35 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 49-38 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 38-07 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 38-47 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 46-15 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 46-19 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 3030.
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

E.I. Hatch Unit 2
IVVI Components

ASME Section XI	Exam Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results	Remarks
B13.22 B-N-2 ASME	2-BN-14-4	P-4 15-50 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 46-39 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 50-23 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 50-27 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	
B13.22 B-N-2 ASME	2-BN-14-4	P-4 45-08 FUEL SUPPORT CASTINGS	VT-H-750/06		S95H2V100	NI	

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

SUMMARY
OF CLASS 1 AND 2
REPAIRS AND REPLACEMENTS

1. Owner: Georgia Power Company, 333 Piedmont Ave., NE, P. O. Box 4545, Atlanta, Georgia 30302
2. Plant: Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, GA 31513.
3. Plant Unit 2. 4. Owner Certificate of Authorization (if req.) N/A.
5. Commercial Service Date 09/05/79 6. National Board No. for Unit N/A

REPAIRS AND REPLACEMENTS

GPC procedure 42EN-ENG-014-0S provides guidelines for determining the ASME Section XI, repair/replacement requirements at E. I. Hatch Nuclear Plant. The site Repair/Replacement Coordinator maintains an itemized listing of Class 1 and 2 repair/replacement activities for each cycle. The following tables provide an itemized list of those components which were included in the ASME Section XI Repair and Replacement Program. Copies of the individual Repair/Replacement evaluation sheets are filed with the MWO Packages and are available for review at the site.

**ATTACHMENT TO THE OWNER'S DATA REPORT
 REPAIR AND REPLACEMENT SUMMARY
 UNIT 2 FALL 1995**

MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2B11	1/1	Install shroud support system consisting of 4 tie rod assemblies and wedges to ensure shroud structural integrity if welds H1 through H8 fail. Welds H1 through H8 are subject to cracking due to IGSCC.	The core shroud stabilizer design has been submitted to the NRC per letter dated 7-3-95. The design will ensure shroud integrity upon weld failure. Note. in NRC letter dated 9-25-95, NRC approved this repair.	2-95-02853/94-052	N/A	VT-1, VT-3
2B21-F010B	1/1	Install new disc to facilitate proper alignment of hinge pins. Also change pressure seal (bonnet) from old metal style to new grafoil style.	Exact replacement disc will be used, failure is attributed to service system wear. The new replacement seal is an equivalent replacement, and the new cover to be installed is also. This is an upgrade of parts for improved service.	2-95-03015	9503996	VT-1, VT-3, Operating Pressure (N-416-1)
2B21-F010B	1/1	Replace valve components including hinge pins, disc, pressure seals, spring guides, and bushing bearing inserts.	The components used for the replacement of the disc, hinge pins, pressure seals, spring guides, and bushing bearing inserts are exact replacement parts from an approved vendor. This failure is attributed to normal system wear. This is a LLRT valve thus it is evaluated for wear on an established cycle designed to predict unacceptable result prior to valve failure. Therefore this is a suitable repair.	2-95-03257	95-04419	VT-1, VT-3, Operating Pressure Test, N-416-1
2B21-F013H	1/1	Remove valve and send to Wyle Labs for testing and repair as necessary.	Valve is to be repaired under approved maintenance program at Wyle Labs. The removal, testing and repair of this valve is a standard preventative measure, and is an acceptable method for ensuring proper valve operation.	2-95-00177	2-94-02476	VT-3, VT-1, Operating Pressure Test
2B21-MSRV-R62	1/1	Remove snubber R62 and reinforce wide beam.	This work is being performed under an approved DCR. No failure has occurred. This is being done as part of	2-95-00141/94-016	N/A	None

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
			the reevaluation of snubbers.			
2B31	1/1	Install 2 new 4 inch decon ports	This modification is evaluated and approved under the DCR.	2-95-1654/2H91-03 0	N/A	Volumetric, Surface, VT, VT-1, VT-3, Operating Pressure Test (N-416-1)
2B31-F052A	1/1	Valve had seat and disc damage which is attributed to service induced wear.	Replace with like kind valve meeting specifications of original valve.	2-95-03469 R2	95-04701	Surface, VT, Operating Pressure Test, N-416-1
2C41-F029A/B	2/2	Replace flanged relief valves as specified by MDC 93-5041.	This replacement is being performed under an approved MDC for improvement of system reliability. Suitability evaluation is covered by MDC 93-5041. No service induced failure involved. Valves are being replaced due to poor reliability, maintenance history and availability of replacement parts and valves of existing relief valves.	2-94-00633/93-5041	N/A	Surface, Visual, Hydrostatic Pressure Test.
2C51	1/1	Install new ECP/LPRM in the vessel to monitor the effectiveness of the Hydrogen Injection System for protecting the core of the reactor vessel. Assembly is flanged to the bottom of vessel.	No failure occurred. The LPRM assembly is fabricated in accordance with class 1 material.	2-95-02111/93-059	N/A	Operating Pressure Test
2E11	2/2	Cut and cap piping to remove RHR steam condensing mode. This is a eight inch valve.	Due to valve leakage RHR steam condensing mode will be removed. All aspects of this work has been evaluated and approved by DCR 2H94-032.	2-95-02301/2H94-0 32	N/A	VT, Volumetric, Surface, Operating Pressure Test, N-416-1
2E11	2/2	Cut and cap piping to remove RHR steam condensing mode.	Due to valve leakage RHR steam condensing mode will be removed. All aspects of this work has been evaluated and approved by DCR 2H94-032.	2-95-02300/2H94-0 32	N/A	VT, Volumetric, Surface, Operating Pressure Test, N-416-1

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2E11-C001B	2/2	Replace pump assembly with rebuilt assembly from warehouse. This assembly includes bolting.	Work is being performed under a 60 month PM program. No inservice failure involved. R/R evaluation written to document new pump assembly installation.	2-93-03154	2-94-01605	System Operability Surveillance
2E11-F005B	3/3	Replace valve disc and hanger	The disc is being replaced in order to install an anti-rotation spud on the disc. The hanger is being replaced as a preventative measure. To be replaced with like kind components. No failures have occurred.	2-95-00312	N/A	Operating Pressure Test
2E11-F007B	2/2	Replace valve per DCR 2H95-056	Due to excessive wear on the 2E11-F007B valve internals, the valve will be replaced with a new anchor darling valve. This is a 4 inch valve.	2-95-03163/2H95-056	N/A	Volumetric, VT, Operating Pressure (N-416-1)
2E11-F015B	1/1	Drill hole in the upstream side of the flex wedge disc of 2E11-F005A to eliminate potential valve pressure locking.	NRC Generic Letter 89-10 recommends that safety related motor operated valves be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. This modification will increase MOV capability and improve system reliability by precluding the possibility of valve pressure locking. A failure has not occurred, thus a failure evaluation is not required.	2-95-02849/2H94-034	N/A	VT-3, VT-1, Operating Pressure Test, N-416-1

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2E11-F018C	2/2	Replace and relocate valve	Replace valve with a like kind. Failure cause is attributed to service in a harsh environment. Valve was originally installed close to an elbow which resulted in turbulent flow. This MDC relocates the valve to a more favorable location.	2-95-01390 R3/95-5040	95-4091	Volumetric, Surface, Operating Pressure Test (N-416-1)
2E11-F028A	2/2	Replace stem, disc, disc guides, and yoke on valve 2E11-F028A.	NRC Generic Letter 89-10 recommends that safety related motor operated valves (MOV) be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. The new components will meet the design, material, and construction standards applicable to the RHR system. This modification will increase MOV capability and improve system reliability.	2-95-01972/2H94-0 34	N/A	Operating Pressure Test
2E11-F028B	2/2	Replace stem, disc, disc guides, and yoke on valve 2E11-F028B.	NRC Generic Letter 89-10 recommends that safety related motor operated valves (MOV) be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve	2-95-01971/2H94-0 34	N/A	Operating Pressure Test

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			will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. The new components will meet the design, material, and construction standards applicable to the RHR system. This modification will increase MOV capability and improve system reliability.			
2E11-F029	2/2	Nozzle of relief valve is being machine cut. Replace disc.	Machine cut is estimated to require removal of no more than 0.005", therefore no weld buildup is required. Machine cut of this nozzle is to remove a small defect and is an acceptable method of repair. Due to defect in the disc it will be replaced with an exact replacement. The seat leakage was found during seat leakage test, this test was repeated after repair of valve to verify defect removal.	2-94-03597	95-04101	Operating Pressure Test, Seat Leakage Test
2E11-F030D	2/2	Machine nozzle of valve and replace disc	Repair is to remove scratches on disc which were a result of leakage. Found during 42SV-SUV-004-0S. During repair welding of a new nipple for valve reinstallation was necessary.	2-94-03601 R1	9504187	Surface, VT, Operating Pressure Test (N-416-1)
2E11-F045	2/2	Grind out flaw and blend in with valve body. Do not exceed 1/4" depth without further evaluation.	Per evaluation by Structural Integrity Associates Inc. this is not a serviced induced flaw. Flaw evaluation determined this to be original construction flaw. This evaluation is to document that metal removal at these locations, no greater than 1/4" depth is acceptable. MT must be performed	2-95-02863	9503563	MT

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2E11-F046B	2/2	Replace hinge pin, Bonnet studs, pipe caps, and polish seat.	after metal removal to document flaw removal. No pressure testing required. The above replacement parts are exact equivalent components. The valve was operational and functional, however replacements parts will enhance continued performance of the valve.	2-92-03614 R1	2-92-03505	Operating Pressure Test
2E11-F111	2/2	Valve disc is worn, needs to be replaced.	This valve disc is attributed to normal system wear. The disc is to be replaced using like kind disc. This will not be a life of plant repair. This is a LLRT valve this it is evaluated for wear on an established cycle designed to predict unacceptable results prior to valve failure. Therefore this is a suitable repair. This is a 2 inch valve.	2-95-02990 R2	9503938	Operating pressure test
2E11-F123A	2/2	Replace valve per weld iso. Valve bonnet was replaced with Class 3 Bonnet and error was caught prior to returning valve to service. Craft damaged valve while correcting this error, thus the need for the replacing of entire valve.	As stated in description failure is due to craft. Valve is to be replaced with a Class 2 valve per approved welding procedure.	2-95-01427 R3	9503963	Surface, Operating Pressure (Code Case N-416-1)
2E11-F3078A	2/2	Remove blank flange and replace with blank flange specified in MDC 94-5035. Note: relief valve removed last outage under a TMM and a blank flange installed.	This blank flange is being installed under MDC 94-5035 and it's suitability was evaluated by that MDC.	2-94-02569/94-5035	N/A	Visual, Operating Pressure Test.
2E11-F3078B	2/2	Remove blank flange and replace with specified blank flange in MDC 94-5035. Note: Relief valve was removed last outage under a TMM.	This blank flange is being installed under MDC 94-5035 and it's suitability was evaluated by that MDC.	2-94-2570/94-5035	N/A	Visual, Operating Pressure Test.
2E11-RHR-224	2/2	Replace snubber with Lisega strut.	This replacement replaces a snubber	2-95-2212/94-5071	N/A	VT-3

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
		No inservice failure has occurred.	with a Lisega strut. It is part of the snubber reduction program. Reference MDC 94-5071 for evaluation.			
2E11-RHR-H700	2/2	Modify existing snubber	In order to meet the requirements of Generic Letter 89-10, DCR 94-034 replaces the yoke with one with shorter dimensions. Since the new yoke has shorter dimensions, the snubber will be lowered according to the new height. The new components and modification to the snubber will meet the design, material, and construction standards applicable to the RHR system. No failure has occurred at this time.	2-95-1962/2H94-03 4	N/A	VT-3
2E11-RHR-H707	2/2	Modify existing snubber.	In order to meet the requirements of Generic Letter 89-10, DCR 94-034 replaces the yoke with one with shorter dimensions. Since the new yoke has shorter dimensions, snubber 1E11-RHR-H707 will be lowered according to the new height. The new components and modification to the snubber will meet the design, material and construction standards applicable to the RHR system.	2-95-01963/2H94-0 34	N/A	VT-3
2E11-RHR-H714A/	2/2	Remove existing PSA-100 snubber 2E11-RHR-H714 and replace with rigid strut.	This work is being performed under an approved MDC. Suitability is addressed via the MDC 94-5071. No service induced failure is involved. This is a snubber reduction program activity.	2-95-00515/94-5071	N/A	VT-3
2E11-RHR-H715A/	2/2	Remove existing PSA-100 snubber and replace with rigid strut.	This work is being performed under an approved MDC. Suitability is addressed via the MDC 94-5071. No	2-95-00513/94-5071	N/A	VT-3

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
			service induced failure involved.			
2E11-RHR-R228	2/2	Replace snubber with Liseqa strut. This is part of the snubber replacement program. No actual failure has occurred at this time on the snubber.	This replacement is being done as part of the snubber reduction program. No failure has occurred at this time. Reference MDC 94-5071 for evaluation of replacement.	2-95-02211/94-5071	N/A	VT-3
2E11-RHR-R82	2/2	Torque wedge anchor bolts an base plate of support.	Torque of anchors is normal maintenance activity. Note: This work was in conjunction with hanger replacement work previously documented)	2-94-01261 R2	2-94-01163	VT-3
2E11-RHR-R82	B31.1/2	Replace strut hanger assembly due to spherical bearing failure.	Replacement of hangers are normal maintenance activities. Cause of failure is not known.	2-94-01261 R2	2-94-01148	VT-3
2E21-CS-R82B	2/2	Snubber had high drag during testing due to normal wear. This snubber will be replaced.	The snubber will be replaced with an identical unit, replacement is per approved plant procedures.	2-95-2570	N/A	VT-3
2E21-F005A	1/1	Drill hole in the upstream side of the flex wedge disc of 2E11-F005A to eliminate potential valve pressure locking.	NRC Generic Letter 89-10 recommends that safety related motor operated valves be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. This modification will increase MOV capability and improve system reliability by precluding the possibility of valve	2-95-02845/2H94-034	N/A	VT-3, VT-1, Operating Pressure Test

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2E21-F005B	1/1	Drill hole in the upstream side of the flex wedge disc of 2E21-F005B to eliminate valve pressure locking.	pressure locking. A failure has not occurred, thus a failure evaluation is not required. NRC Generic Letter 89-10 recommends that safety related motor operated valves (MOV) be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. The new components will meet the design, material, and construction standards applicable to the RHR system. This modification will increase MOV capability and improve system reliability.	2-95-02846/2H94-0 34	N/A	VT-3, VT-1, Operating Pressure Test
2E21-F012A	2/2	Valve to be replaced. Valve is bolted in.	This valve is an identical replacement. The original valve could not have its set pressure adjusted.	2-94-3611	2-95-2491	Operating Pressure Test
2E21-F012B	2/2	Replace Valve	Existing valve failed leakage test. Replacement valve is identical to original valve. Cause of failure does not appear to be service induced, but rather valve being degraded over time due to maintenance activities. Specifically in the seat area. Valve replacement will be in accordance with applicable code and plant approved	2-93-02393 R1	2-94-00825	Surface, Hydrostatic Pressure Test

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2E21-F015A	I/1	Drill hole in the upstream side of the flex wedge disc of 2E21-F015A to eliminate valve pressure locking. Also replace bolts for bonnet.	procedures. NRC Generic Letter 89-10 recommends that safety related motor operated valves (MOV) be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. The new components will meet the design, material, and construction standards applicable to the RHR system. This modification will increase MOV capability and improve system reliability. In addition bonnet bolts were found to be galled and corroded. Reason for this could not be determined.	2-95-02847/2H94-0 34	N/A	VT-1, VT-3, Operating Pressure Test
2E21-F019A	2/2	Replace disc and o-ring gland.	Disc and o-ring gland will be replaced with exact replacements.	2-94-01108	2-94-00772	Operating Pressure Test
2E21-F036A	2/2	Replace and Relocate check valve.	Check valve was originally installed with the discharge of the valve butted up to an elbow which causes the valve to wear due to turbulent flow conditions.	2-94-02522 R1/95-5038	2-94-00797	Surface, Volumetric, Operating Pressure Test (N-416-1)
2E21-F036A	2/2	Replace all valve internals including the disc.	Internals are being replaced due to wear. Wear is of normal operating nature.	2-93-4176 R1	2-94-00797	Operating Pressure Test

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
2E32	1&2/1 &2	Remove piping and supports associated with MSIV LCS in the Steam Chase as specified by DCR 88-106.	Piping is being removed as specified by DCR. Suitability evaluation will be performed during approval of DCR 88-106. No service induced failure involved. MSIV leakage control system removal is to eliminate a design inconsistency.	2-94-00661/88-106	N/A	Surface, Hydrostatic Pressure Test
2E41	2/2	Replace restricting orifices D001 and D002 and associated piping.	Evaluation for suitability has been evaluated during the DCR process. No inservice failure involved. Replacement is for pressure reduction past isolation valve.	2-94-699/2H93-036	N/A	Surface, Operating Pressure Test.
2E41	2/2	Replace and fabricate a new HPCI turbine exhaust drain pot stilling well, as specified by DCR 93-036.	This replacement is being performed under an approved DCR for improvement of system operation. Suitability evaluation is covered by DCR 93-036. No service induced failure involved.	2-94-700/2H93-036	N/A	Surface, Visual, Hydrostatic Pressure Test.
2E41-F001	2/2	Replace valve disc due to normal wear. Also replace stem, studs/nuts, inner bonnet stem outer bonnet pressure seal.	The replacement disc is being supplied by the manufacturer with a stellite 6 facing. This is expected to improve the reliability of the valve. The studs and nuts are being replaced as a good practice, they have not failed.	2-95-00130	2-94-02299	Operating Pressure Test
2E41-F006	2/2	Relocate 2E41-F006 valve upstream of existing location. Replace old valve location with pipe spool.	This work is being performed by DCR 92-164. Material suitability has been evaluated by the DCR.	2-93-04997/2H92-1 64	N/A	VT, RT, UT, Surface, and Hydrostatic Pressure Test.
2E41-F006	2/2	Drill hole in the upstream side of the flex wedge disc of 2E41-F006 to eliminate potential valve pressure locking.	NRC Generic Letter 89-10 recommends that safety related motor operated valves (MOV) be able to function either opening or closing when subjected to the maximum	2-95-02844/2H94-0 34	N/A	Operating Pressure Test

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MPL Number	ASME/ Section XI Class	Description	Evaluation	MWO/DCR	DC Number	Pressure Test
			differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. This modification will increase MOV capability and improve system reliability by precluding the possibility of valve pressure locking. A failure has not occurred.			
2E41-HPCI-H99	2/2	Relocate strut support and replace strut per DCR 2H92-194	This work is being performed by DCR 92-164. Material suitability has been evaluated by the DCR.	2-93-04997/9H92-1 64	N/A	VT-3
2E51-F013	2/2	Drill hole in the upstream side of the flex wedge disc of 2E11-F005A to eliminate potential valve pressure locking.	NRC Generic Letter 89-10 recommends that safety related motor operated valves be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of Generic Letter 89-10 and will provide increased margin to operate during a design basis event. This modification will increase MOV capability and improve system reliability by precluding the possibility of valve pressure locking. A failure has not occurred, thus a failure evaluation is not required.	2-95-02843/2H94-0 34	N/A	VT-3, VT-1, Operating Pressure Test, N-416-1

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2E51-F021	2/2	valve plug is worn and flats rounded	This failure is attributed to system wear. The plug will be replaced with like kind parts.	2-95-00370	N/A	Surface, VT, Operating Pressure Test
2E51-F045	2/2	Replace the existing Rockwell valve with a Anchor/Darling special contour plug valve per DCR 94-034.	NRC Generic Letter 89-10 recommends that safety related MOV's be able to function either opening or closing when subjected to the maximum differential pressure across the valve during normal operation and abnormal events within the design basis of the plant. The modification to the valve will meet the requirements of GL 89-10 and will provide increased margin to operate during a design basis event. The new components will meet the design, material and construction standards applicable to the RCIC system. This modification will increase MOV capability and improve system reliability.	2-95-2067/2H94-03 4	N/A	RT, VT-3, PT, Operating Pressure Test (N-416-1)
2G11-F004	2/2	Replace valve. This valve wear is attributed to normal system wear.	The replacement of this valve will be with a like kind valve.	2-95-03085 R1	95-04130	Volumetric, Surface, VT, Operating Pressure Test, N-416-1
2G31	1/1	Prefab bottom head drain assembly for incore monitoring	No failure has occurred. Piping material being installed is per pipe class DCA and will be welded and inspected per 42EN-EME-012-0S.	2-95-02595	N/A	Surface, Volumetric, Operating Pressure (Code Case N-416-1), VT
2G31	1/1	Install new bottom head drain line assembly line assembly to monitor the effectiveness of the Hydrogen Injection System for protecting the bottom region of the reactor vessel. This assembly is 2 inch and under.	No failure occurred. The piping material being installed is per pipe class DCA and will be welded and inspected per 42EN-EME-012-0S.	2-95-02122/93-059	N/A	VT, Surface, Operating Pressure Test (N-416-1)

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2N11-F003	2/2	Per MWO valve had a bad packing leak, upon investigation bonnet stuffing box was severely pitted due to normal inservice wear.	Replacement parts are identical parts obtained from the warehouse. All work is done per approved plant procedures.	2-93-02169 R1	2-93-01753	Operating Pressure Test
2P11-A001	2/2	Replace bolting in flanges on piping specified on MWO.	Bolting being used is an approved replacement for bolts being removed. Cause of failure appears to be corrosion and possible stress.	2-93-4766	N/A	Visual leakage check
2P42-F083	B31.1/2	Replace relief valve 2P42-F083. Valve failed leakage and set pressure test. Valve is bolted in.	It was determined by procurement review services (PRS) that existing relief valve 2P42-F083 was a Non-ASME code valve. IST inspection plan boundary diagram drawings identify the valve as being ASME section XI class 2. Per PRS existing valve is being replaced with an identical valve. The new valve was determined to be an acceptable replacement and will be upgraded by commercial grade dedication plan number CGDP No. 94-0021. Existing valve was degraded due to maintenance attempting to repair so as to past leakage test. Replacement will be performed in accordance with applicable approved plant procedures.	2-93-03018	N/A	Operating Pressure Test.
2T52	MC/2	Install new penetration per DCR 94-013	No failure has occurred. New cables need to be pulled and there was no more room in existing penetrations.	2-95-01348/2H94-013	N/A	Volumetric, Surface, Pneumatic pressure test.

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Code Case and Alternative Testing Summary for Hatch Unit 2, Fall 1995 Outage

<u>Code Case No.</u>	<u>Title</u>
Case N-98	Ultrasonic Examination-Calibration Block Tolerances, Section XI.
Case N-416-1	Alternative Pressure Test Requirement for Welded Repairs or Installation of Replacement Items by Welding, Class 1, 2 and 3, Section XI, Division 1.
Case N-460	Alternative Examination Coverage for Class 1 and Class 2 Welds, Section XI, Division 1.
Case N-461	Alternative Rules for Piping Calibration Block Thickness, Section XI, Division 1.
Case N-491	Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Power Plants, Section XI, Division 1.