**Lewis Sumner** Vice President Hatch Project Support Southern Nuclear Operating Company, Inc. 40 Inverness Parkway Post Office Box 1295

Birmingham, Alabama 35201 Tel 205.992.7279 Fax 205.992.0341



Energy to Serve Your World SM

Docket No. 50-321

January 21, 2000

HL-5883

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

Edwin I. Hatch Nuclear Plant - Unit 1
Third 10-Year Interval Inservice Inspection Program
Owner's Activity Report

#### Ladies and Gentlemen:

By letter dated June 16, 1997, the NRC granted approval of Relief Request RR-14 to implement the recording and reporting requirements of ASME Code Case N-532. In accordance with the requirements of ASME Code Case N-532, attached are the Owner's Activity Reports, form OAR-1, for Unit 1 of Edwin I. Hatch Nuclear Plant for the first period of the Third 10-year Interval Inservice Inspection program. The reports are for Unit 1 refueling outages (RFOs) 16, 17, and 18.

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

Respectfully yours,

H. L. Sumner, Jr.

IFL/eb

#### Enclosures:

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

#### cc: Southern Nuclear Operating Company

Mr. P. H. Wells, Nuclear Plant General Manager SNC Document Management (R-Type A02.001)

U. S. Nuclear Regulatory Commission, Washington, D. C.

Mr. L. N. Olshan, Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II

Mr. L. A. Reyes, Regional Administrator

Mr. J. T. Munday, Senior Resident Inspector - Hatch

A047

## **Enclosure 1**

Edwin I. Hatch Nuclear Plant - Unit 1

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

## PLANT HATCH UNIT 1, 1R16 OUTAGE

FORM OAR-1 OWNER'S	ACTIVITY REPORT
Report Number 1-3-1-1 (Unit 1, 3rd Interval, 1st Period, 1st Report)	
Owner Georgia Power Company, 333 Piedmont Avenue, NE, P. O. Box (Name and Address	
Plant _ Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, Georgia	
(Name and Addre	ess of Plant)
Unit No. 1 Commercial service date (if applicable)	12/31/75 Refueling outage no. 1R16
Current inspection interval	3rd
	(1st, 2nd, 3rd, 4th, other)
Current inspection period	1st
	(1st, 2nd, 3rd)
Edition and Addenda of Section XI applicable to the inspection plan	1989 Edition
Date and revision of inspection plan	2/17/96, Revision 0
Edition and Addenda of Section XI applicable to repairs and replacements,	, if different than the inspection plan Same
(if applicable)	
I, the undersigned, holding a valid commission issued by the National the State or Province of	have inspected the items    Alternative   Al

	SITE MANAGEMENT REVIEW SHEET								
DOCUMENT TO BE REVIEWED	<u>):</u>		DOC. AUTHOR:						
( ) SIL ( ) SOER NUM	BER:	AIT REQUIRED: YES NO							
() () SER			ASME Section XI O	wners Report (OAR-1)					
COMMENTS:									
PLEAS	CALL DIE V	iliyard WHEN DONE, X.	377. THANKSI						
THE FOLLOWING MANAGERS FOR THEIR AREAS OF RESPON		THE INFORMATION PI	ROVIDED AND THE CO	OMMITMENT(S) MADE					
A. (A.B	PLANT SISTRATION	HEALTH PHYSICS AND CHEMISTRY	MAINTENANCE	NUCLEAR SAFETY AND COMPLIANCE					
ha Sterkebab for				S. Jeps					
<b>'</b>				12/2/96					
NUCLEAR OPE SECURITY	RATIONS	OUT AGES AND PLANNING	TRAINING AND EMERGENCY PREP	PLANT MOD AND MAINT SUPPORT					
		1							
THE FOLLOWING CONCURRENT INVOLVED WITH FOLLOW-UP			OLICY, COST, SCOPE (	OR SCHEDULE IS					
PLANT OPERATIONS ASST GENERAL MANAGE	R AS	PLANT SUPPORT SST. GENERAL MANAG	NO.000000000000000000000000000000000000	CLEAR PLANT ERAL MANAGER					
		Moore 2, 10,96	<u>'</u>						
A Company	/	2,10,96	_						

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

				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-A					
(B1.11)	4	0	0	0	1R16 are 2nd Interval Exams
(B1.12)	12	0	0	0	1R16 are 2nd Interval Exams
(B1.21)	2	0	0	0	C-8 inaccessible
(B1.22)	22	0	0	0	
(B1.30)	1	0	0	0	1R16 is 2nd Interval Exam
(B1.40)	1	0	0	0	
TOTAL	42	0	0	0	
B-E					
(B4.12)	1	0	0	0	1R16 is 2nd Interval Exam
(B4.13)	2	0	0	0	
TOTAL	3	0	0	0	Code Case N-498-1 (RR-2)
					* When disassembled/selected. (31 examined, 2 are 2nd Interval
B-G-2	*	*	*	*	Exams).
B-J					
(B9.11)	102	1	1	1	
(B9.12)	0	0	0	0	
(B9.21)	2	0	0	0	
(B9.31)	7	0	0	0	
(B9.32)	1	0	0	0	
TOTAL	112	2	1	11	Code Case N-524 (RR-7)
B-M-2	*	*	*	*	* When disassembled. (25 examined).

		ı			<u> </u>
				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-N-2					
(B13.20)	13	1	8	8	IVVI
(B13.30)	36	5	14	14	IVVI
(B13.40)	23*	23	0	0	IVVI* (when accessible)
TOTAL	72	29	40	40	, , , , , , , , , , , , , , , , , , ,
B-P					
(B15.10)	7	1	14	14	
(B15.11)	1	0	0	0	1R16 is 2nd Interval Exam
TOTAL	8	1	12	12	Code Case N-498-1 (RR-2)
C-F-2					
(C5.51)	84	21	25	25	
(C5.81)	1	1	100	100	
TOTAL	85	22	26	26	Code Case N-524 (RR-7)
С-Н	*	*	*	*	*(5 tests, 2nd Interval).
(C7.30)					
(C7.50)					
(C7.70)					
F-A					
(F1.10)	39	0	0	0	Class 1, Code Case N-491
(F1.20)	99	15	15	15	Class 2, Code Case N-491
(F1.30)	44	6	14	14	Class 3, Code Case N-491
(F1.40)	21	0	0	0	Equipment - Multiple Stream
TOTAL	203	21	10	10	

### ABSTRACT OF EXAMINATIONS AND TESTS - SUPPLEMENTAL

These examinations are credited for the Second Ten-Year Examination Interval ASME Section XI, 1980/Winter 81 and applicable Code Cases.

ASME	Figure	English diam (Australia	Examination	Cal	Exam/Cal	Daniele		Domonika
Section XI B1.11 B-A ASME	No. A-1	Examination/Area  1B11\C-2 Upper Shell to Upper Middle Shell	Procedure UT-HAT- 702V0/03	62-H 33H	Sheet No. 96-HAT1-10	Results	Planar Flaws	Remarks  Code allowable subsurface planar flaws. 26.4% coverage.
B1.11 B-A ASME	A-1	1B11\C-5 RPV Lower Shell to Bottom Head Torus	UT-HAT- 702V0/03	61-H 33-H	96-HAT1-02	RI	Planar Flaws	Code allowable subsurface planar flaws. Exam limited due to bevel between bottom head & RPV shell ring 1 - 85.1% coverage.
B1.12 B-A ASME	A-1	1B11\C-1-A Longitudinal Weld on Upper Shell	UT-HAT- 702V0/03	62-H 33-H	96-HAT1-05	RI	Planar Flaws	Code allowable subsurface planar flaws. Exam limited due to N12A nozzle & RPV flange - 91% coverage.
B1.12 B-A ASME	A-1	1B11\C-1-B Longitudinal Weld on Upper Shell	UT-HAT- 702V0/03	62-H 33-H	96-HAT1-09	RI	Planar Flaws	Code allowable subsurface planar flaws. Exam limited due to RPV flange, thermocouple pads, & stabilizer bracket - 92.2% coverage.

### ABSTRACT OF EXAMINATIONS AND TESTS - SUPPLEMENTAL

These examinations are credited for the Second Ten-Year Examination Interval ASME Section XI, 1980/Winter 81 and applicable Code Cases.

ASME	Figure		Examination	Cal	Exam/Cal			
Section XI	No.	Examination/Area	Procedure	Block	Sheet No.	Results		Remarks
B1.12 B-A ASME	A-1	1B11\C-1-C Longitudinal Weld on Upper Shell	UT-HAT- 702V0/03	62-H 33-H	96-HAT1-06	RI	Planar Flaws	Code allowable subsurface planar flaws. Exam limited due to RPV flange, N-3C & N-3D nozzles - 93.7% coverage.
B1.30 B-A ASME	A-1	1B11\C-1 Vessel to Flange	UT-HAT- 306V0/02	27-Н	96-HAT1-01	RI	Planar Flaws	Code allowable subsurface planar flaws. This exam was performed from the RPV flange only to supplement Code coverage on C-1. 68% Code coverage.
B4.12 B-E ASME	A-34	1B11\RPV (CRD-N) CRD Stub Tube to Bottom Head Penetration	42IT-TET- 006-1S		NA	SAT	NA	Performed as part of leakage test.
B7.70 B-G-2 ASME	A-5	1B21-F013K	45QC-INS- 010-0S		NA	SAT	See MWO 1-95-2637	

### ABSTRACT OF EXAMINATIONS AND TESTS - SUPPLEMENTAL

These examinations are credited for the Second Ten-Year Examination Interval ASME Section XI, 1980/Winter 81 and applicable Code Cases.

ASME Section XI	Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results		Remarks
B7.70 B-G-2 ASME	A-6	1B21-F013L	45QC-INS- 010-0S		NA	SAT	See MWO 1-95-2638	
B15.11 B-P ASME		1B21-HT-1 Class 1 Pressure Test	42IT-TET- 006-1S		NA	SAT	NA	Code Case N-498-1
C-H C7.30 C7.50 C7.70 ASME	<del></del>	1E11-HT-14 Class 2 Pressure Test	42IT-TET- 004-0S		NA	SAT	NA	Code Case N-498
C-H C7.30 C7.50 C7.70 ASME		1E11-HT-15 Class 2 Pressure Test	42IT-TET- 004-0S		NA	SAT	NA	Code Case N-498
C-H C7.30 C7.50 C7.70 ASME		1E11-HT-18 Class 2 Pressure Test	42IT-TET- 004-0S		NA	SAT	NA	Code Case N-498

96H1OAR1.DOC

Page 6 of 18

## ABSTRACT OF EXAMINATIONS AND TESTS - SUPPLEMENTAL

These examinations are credited for the Second Ten-Year Examination Interval ASME Section XI, 1980/Winter 81 and applicable Code Cases.

ASME Section XI	Figure No.	Examination/Area	Examination Procedure	Cal Block	Exam/Cal Sheet No.	Results		Remarks
C-H C7.30 C7.50 C7.70 ASME		1E11-HT-19 Class 2 Pressure Test	42IT-TET- 004-0S		NA	SAT	NA	Code Case N-498
C-H C7.30 C7.50 C7.70 ASME		1E21-FT-1 Class 2 Pressure Test	42IT-TET- 004-0S		NA	SAT	NA	NA

## ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
B-N-2	B13.40	Core Shroud (V-5, V-6)	Visual - Not Applicable	Yes
B-M-2	B12.50	SRV (1B21-F013C)	Visual - Not Applicable	Yes
F-A	F1.10	Snubber Connection (1N11-MS-H53)	Visual - Not Applicable	Yes
F-A	F1.70	Spring Support (1E21-CSH-9, 1B21-MVVH-3, 1E11-RHRH-37, 1G41-PCH-18)	Visual - Not Applicable	Yes

### TABLE 3

				Flaw or Relevant		
				Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
1	Replacement	Valve	Replace valve that are leaking by the seat. See Note 1. MPL 1B31-F029, 1B31-F030.	No	10/11/94	1-92-01641R1
2	Replacement	4" Valve	Replace disc. See Note 1. MPL 1E51-F022.	No	10/13/94	1-93-03514
3	Replacement	2-1/2" Valve	Internals of valve are worn beyond repair. Replace valve with new like kind valve. MPL 1P41-F208D.	No	02/15/96	1-94-01158
1	Replacement	Valve	Replace valve seats. See Note 1. MPL 1B21-F013H.	No	10/26/94	1-94-02550
2	Replacement	Hanger	Modify hangers per DCR. MPL 1N11.	No	11/01/94	1-94-03232
2	Replacement	Valve	Replace valve with like kind. See Note 1. MPL 1E11-F029.	No	10/04/94	1-94-03334
1	Replacement	Valve	Replace existing valve with check valve per DCR 1H93-029. MPL 1E11-F050B.	No	10/22/94	1-94-03533
1	Replacement	Valve and Pipe	Replace piping and valve per DCR 93-58. See Note 1. MPL 1G31.	No	10/11/94	1-94-03538
1	Replacement	LPRM	Replace existing LPRM's per DCR 93-58. MPL 1C51.	No	10/29/94	1-94-03693

						<del>,</del>
				Flaw or Relevant		
				Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
2	Replacement	Stilling Well	Modify stilling well per DCR 91-039. See Note 1. MPL 1E41.	No	10/26/94	1-94-03760
1	Replacement	Valve	Replace valve disc & yoke per DCR 94-005. See Note 1. MPL 1E41-F006.	No	10/18/94	1-94-04265
2	Replacement	4" Pipe	Replace pipe due to wall thinning found during Flow Assisted Corrosion UT. See Note 1. MPL 1E51.	No	10/23/94	1-94-05029
2	Replacement	Valve	Replace Stem and Disc Assembly. MPL 1E11-F024B.	No	10/23/94	1-94-05082
3	Replacement	2-1/2" Piping	Replace MG Set cooler coils as a performance improvement. Code Case N-416-1 is used. MPL 1T41.	No	04/20/96	1-94-05133R1
1	Replacement	2" Valve	Replace drain valves 1B31-F051A, F052A, they are leaking by the seat. Code case N-416-1 is used. MPL 1B31-F052A.	No	04/06/96	1-94-05385R1
2	Replacement	Valve	Remove stuffing box and cut hinge pin to allow installation of caps in order to stop valve from binding. MPL 1E11-F031B.	No	12/10/94	1-94-05803R1

				Flaw or Relevant		
				Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
2	Replacement	Valve	Replace hinge pin bearing covers per MDC 94- 5074. MPL 1E11-F031A.	No	04/01/96	1-95-00029
2	Replacement	Valve	Perform MDC 94-5074 to replace hinge pin bearing covers on check valve 1E11-F031C	No	03/30/96	1-95-00031
2	Replacement	Valve	Replace hinge pin bearing covers per MDC 94-5074. Also replace worn disc hinge retainer nut. MPL 1E11-F031D.	No	04/09/96	1-95-00199
2	Replacement	Support	Replace existing bolt with proper length of bolt. MPL 1E11-RHRH-H45.	No	04/24/95	1-95-00859
3	Replacement	4" Valve	Replace old valve body with new valve body. Use code case N-416-1. MPL 1P41-F110.	No	04/09/96	1-95-00890R2
1	Repair	10" Valve	Build-up and machine internals of bonnet per vendor instructions. MPL 1E41-F003.	Yes	07/15/95	1-95-01792R1
1	Repair	SRV	Remove and send to Wyle Labs for testing and repair as necessary. Valve found to have severe steam cuts on disc. Refurbished valve and replaced disc. MPL 1B21-F013B.	No	04/21/96	1-95-02629RI
1	Repair	SRV	Remove and reinstall SRV to facilitate testing and repairs as necessary at Wyle Labs. Testing revealed leakage, the plug was replaced, pilot refurbished and valve was tested satisfactorily. MPL 1B21-F013E.	No	04/13/96	1-95-02632R1

			TEQUITED FOR CONTINUED SERV	1011		
	Repair,			Flaw or Relevant Condition Found During Scheduled		
	Replacement,	_		Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
1	Repair	SRV	Remove and reinstall SRV to facilitate testing and repairs as necessary at Wyle Labs. Testing revealed leakage, the was plug replaced, pilot refurbished and valve was tested satisfactorily. MPL 1B21-F013F.	No	04/21/96	1-95-02633R1
2	Replacement	Valve	Replace solenoid valve subcomponents that have a 5 year EQ life. This work requires making a non pressure retaining seal weld between the body and bonnet of the valve. MPL 1P33-F005.	No	04/18/96	1-95-03672
2	Replacement	2" Valve	Replace solenoid valve subcomponents that have a 5 year EQ life. This work requires making a non-pressure retaining seal weld between the body and bonnet of the valve. MPL 1P70-F004.	No	04/10/96	1-95-03718
2	Replacement	2" Valve	Replace solenoid valve subcomponents that have a 5 year EQ life. This work requires making a non-pressure retaining seal weld between the body and bonnet of the valve. MPL 1P70-F005.	No	04/10/96	1-95-03719
2	Replacement	Valve	Replace solenoid valve subcomponents that have 5 year EQ life. This work requires making a non pressure retaining seal weld between the body and bonnet of the valve. MPL 1P70-F066.	No	04/07/96	1-95-03720

				Flaw or Relevant Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
2	Replacement	Valve	Replace solenoid valve subcomponents that have 5 year EQ life. This work requires making a non pressure retaining seal weld between the body and bonnet of the valve. MPL 1P70-F067.	No	04/07/96	1-95-03721
2	Replacement	3" Valve	Replace missing disc nut which was found in orifice 1E11-D001B. Found by check valve surveillance program. MPL 1E11-F046B.	No	02/29/96	1-95-03772
2	Replacement	Hanger	Adjust hanger per hanger detail. MPL 1E41-HPCI-H32.	No	12/06/95	1-95-03815
1	Replacement	2" Valves	Replace valves 1B31-F051B, F052B, as a preventative measure. Code case N-416-1 is used. MPL 1B31-F051B, 1B31-F052B.	No	04/15/96	1-96-00447
2	Replacement	Snubber	Replace existing snubbers with new snubbers. Replacement per equivalency 1L35-004. MPL 1E11-RHRH-721, 1E11-RHRH-711.	No	02/20/96	1-96-00538
2	Replacement	Snubber	Replace existing mechanical snubber with new hydraulic snubber. Replacement per equivalency 1L35-003. MPL 1E11-RHRH-719A, 1E11-RHRH-719B.	No	02/20/96	1-96-00540
2	Replacement	10" Valve	Replace valve disc, disc retainer nuts, wedges, and wedge pins. This work is being done to improve leaky characteristics of the valve. MPL 1E41-F001.	No	04/18/96	1-96-00555

			TEQUITED TOTAL CONTINUED SERV	,	<del></del>	
	Repair,			Flaw or Relevant Condition Found During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
1	Replacement	10" Valve	Drill 1/8" hole in disc to prevent pressure locking per DCR 1H94-033. MPL 1E21-F005B.	No	04/16/96	1-96-00562R1
1	Replacement	10" Valve	Drill 1/8" hole in downstream side of disc to eliminate pressure locking. This is done in accordance with DCR 1H94-033. Replace 8 bonnet bolts found bad during ISI VT-1. MPL 1E21-F005A.	Yes	04/07/96	1-96-00563
1 .	Replacement	24" Valve	Replace Disc and drill 1/8" hole in reactor side to prevent pressure locking per DCR 1H94-033. MPL 1E11-F015B.	No	04/14/96	1-96-00565
1	Replacement	24" Valve	Drill 1/8" hole in downstream side of disc to prevent pressure locking. Done per DCR 1H94-033. MPL 1E11-F015A.	No	04/05/96	1-96-00566
1	Replacement	4" Valve	Drill 1/8" hole in valve disc to prevent pressure locking per DCR 1H94-033. MPL 1E51-F013.	No	04/13/96	1-96-00567
1	Repair	14" Valve	Lap bonnet seating surface to repair indications found during initial VT-3. MPL 1E41-F006.	Yes	04/17/96	1-96-00569
2	Replacement	3" Valve	Replace existing valve with new valve which will improve performance characteristics of the valve. Work is done per DCR 1H94-33 and code case N-416-1. MPL 1B21-F021.	No	04/16/96	1-96-00571

			10 QUILLO TOTT CONTINUED BERT			
	Repair, Replacement,			Flaw or Relevant Condition Found During Scheduled Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
2	Replacement	4" Valve	Replace existing valve with a new Anchor Darling valve under DCR 1H94-33. Code case N-416-1 was used. MPL 1E51-F045.	No	04/16/96	1-96-00623
2	Replacement	Piping	Remove obsolete steam condensing mode of RHR piping because mode is not required and this will improve system reliability. This work is being done under DCR 1H94-31 and uses code case N-416-1. MPL 1E11.	No	04/16/96	1-96-00676
2	Replacement	Valve and Support	Remove valve 1E11-F097 and Struts/Hangers 1E11-RHR-H739, H126, H276, H277, and H127. This work is being done under DCR 1H94-31 and uses code case N-416-1. MPL 1E11-F097.	No	04/16/96	1-96-00802
3	Replacement	8" Valve	Replace valve with new valve. This valve was removed from the system to support chemical decon work. Inspection of the internals revealed wear in the seat and gasket areas. To prevent future valve failure valve was replaced. MPL 1G41-F001A.	No	03/09/96	1-96-00831
1	Replacement	Hanger	Delete Hanger 1B21-X29-IF24-H002 by removing snubber, plate and U-bolts at pipe.	No	03/31/96	1-96-00839
1	Replacement	Hanger	Delete Hanger 1B21-X29-IF17-H002 by removing snubber, plate and U-bolts at pipe.	No	03/31/96	1-96-00843

	<del></del>		AWQUILUD I GIT COTTITUEED BEIT			
Code Class	Repair, Replacement, or Corrective Measures Replacement	Item Description Snubber	Description of Work  Replace snubber assemblies 1B21-X29-IF17- H003A, H003B, H003C with Lisega Struts per MDC 96-5008.	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No) No	Date Complete 04/06/96	Repair/ Replacement Plan Number 1-96-00846
1	Replacement	Snubber	Replace snubber assemblies 1B21-X28-H004A, H004B, H004C, H001 with Lisega Struts per MDC 96-5008.	No	04/06/96	1-96-00847
1	Replacement	4" Blind Flange	Remove recirc sample assembly 1P73-N068 and install a blind flange. This is being done per MDC 96-5007.	No	04/12/96	1-96-00857
2	Replacement	Snubber	Replace snubber with a Lisega hydraulic snubber. MPL 1E11-RHRH-196.	No	04/05/96	1-96-00920
1	Replacement	6" Valve	Install blank flange and replace internals of valve for support of chemical decon then return valve to original condition after decon complete. Work performed under DCR 1H95-69. MPL 1G31-F004.	No	04/16/96	1-96-00932
1	Replacement	Shroud	Increase torque on shroud stabilizer rod assemblies per DCR 95-065. MPL 1B11.	No	04/06/96	1-96-00933
1	Replacement	Piping	Remove pipe caps and flanged connection, perform chemical decon and then replace pipe caps and flanged connection. Work done per DCR 1H95-69. MPL 1B31.	No	04/16/96	1-96-00950

			<u> </u>			
				Flaw or Relevant		
				Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
1	Replacement	Piping	Remove pipe caps and flanged connection, perform chemical decon and then replace pipe caps and flanged connection. Work done per DCR 1H95-69. MPL 1B31.	No	04/16/96	1-96-00951
1	Replacement	Valve	Replace poppet assembly and studs that have been damaged and failed VT-1. Also use Heli-coil for damaged stud area. Code case N-496 is used. MPL 1B21-F028D.	Yes	04/16/96	1-96-01111
1	Replacement	Valve	Replace poppet assembly, body-bonnet stud, and insert heli-coil in drilled out hole to install stud.  Used code case N-496. MPL 1B21-F028A.	Yes	04/15/96	1-96-01113
1	Replacement	Valve	Replace valve internals and lap seats. MPL 1E21-F006A.	Yes	04/07/96	1-96-01114R1
2	Repair	1" Valve	Small crack in weld to pipe connection found for valve 1D11-F129. Weld will be removed and replaced by a 2 to 1 fillet weld that is resistant to the fatigue.	No	04/10/96	1-96-01145R2
1	Replacement	Valve	Existing bolts for hinge pin cover and hinge pin will be replaced with hinge pin kit per equivalency 96-9039. MPL 1B21-F032B.	No	04/13/96	1-96-01166

### TABLE 3

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

Code Class	Repair, Replacement, or Corrective Measures Replacement	Item Description Snubber	Description of Work  Replace existing snubber with Lisega Strut per equivalency 1L35-003. MPL 1E11-RHRH-719B.	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No) No	Date Complete 04/05/96	Repair/ Replacement Plan Number 1-96-01216
2	Replacement	Valve	Remove activating arms that were abandoned in place. These arms no longer serve a function for the valve. Reuse existing bolting that holds the arms on to close the pressure boundary. MPL 1T48-F323A, 1T48-F323C-L.	No	04/10/96	1-96-01280
2	Replacement	Support	Due to a piping misalignment a support arm needs to be adjusted to properly support the pipe. MPL 1E21.	No	04/10/96	1-96-01295

Note 1: This work was performed during the 15th fuel cycle. However the review of the work was not completed until after the report for the 15th cycle was complete. Therefore this is being reported in the 16th cycle.

### **Enclosure 2**

Edwin I. Hatch Nuclear Plant - Unit 1

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

## PLANT HATCH UNIT 1, 1R17 OUTAGE

FORM OAR-1 OWNER'	S'S ACTIVITY REPORT
Report Number1-3-1-2 (Unit 1, 3rd Interval, 1st Period, 2nd Report)	t)
Owner Georgia Power Company, 333 Piedmont Avenue, NE, P. O. E (Name and Ade	Box 4545, Atlanta, Georgia 30302 ddress of Owner)
Plant Edwin I. Hatch Nuclear Plant, Route 1, Box 278, Baxley, Geor	orgia 31513 Address of Plant)
,	,
Unit No. 1 Commercial service date (if applicable)	12/31/75 Refueling outage no. 1R17
Current inspection interval	
	(1st, 2nd, 3rd, 4th, other)
Current inspection period	1st
	(1st, 2nd, 3rd)
Edition and Addenda of Section XI applicable to the inspection plan	1989 Edition
Date and revision of inspection plan	8/15/97, Revision 2
Edition and Addenda of Section XI applicable to repairs and replacement	ents, if different than the inspection plan  1992 Edition/1992  Addenda after 9/9/97  for IWE only.
I certify that the statements made in the Owner's Activity Reported replacements, evaluations, and corrective measures represented by Certificate of Authorization No.    N/A (if applicable)	
I, the undersigned, holding a valid commission issued by the N	have inspected the items  4/22/96 to 11/14/97, and state that all activities represented by this report in accordance with the ver makes any warranty, expressed or implied, concerning the ctive measures described in this report. Furthermore, neither the personal injury or property damage or a loss of any kind arising  National Board, State, Province, and Endorsements

		1			OTIO III DE LE LO
				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-A					
(B1.11)	4	0	0	0	1R16 are 2nd Interval Exams
(B1.12)	12	6	50	50	1R16 are 2nd Interval Exams. See Note 1.
(B1.21)	2	0	0	0	C-8 inaccessible
(B1.22)	22	0	0	0	
(B1.30)	1	1	100	100	1R16 is 2nd Interval Exam. See Note 1.
(B1.40)	1	1	100	100	
TOTAL	42	8	19	19	
B-D					
(B3.90)	28	10	36	36	See Note 1.
B3.100)	28	10	36	36	
TOTAL	56	20	36	36	
B-E					
(B4.12)	1	0	0	0	1R16 is 2nd Interval Exam
(B4.13)	2	1	50	50	
TOTAL	3	1	33	33	Code Case N-498-1 (RR-2)
B-F					
(B5.10)	15	3	20	20	
(B5.20)	5	2	40	40	
(B5.130)	3	0	0	0	
TOTAL	23	5	22	22	

				31 B282 81VIII 12 8 1 1	
				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-G-1					
(B6.10)	52	17	33	33	
(B6.20)	48	17	35	35	
(B6.30)	4	0	0	0	
(B6.40)	52	17	33	33	See Note 1.
(B6.50)	52	17	33	33	
(B6.180)	16	0	0	0	
(B6.190)	0	0	0	0	
(B6.200)	1	0	0	0	
TOTAL	225	68	30	30	
B-G-2					
(B7.50)	14	10	71	71	For B-J Piping exams when selected.
(B7.70)	*	*	*	*	* For B-M-2 Valve exams when disassembled (21 examined, 2 are
TOTAL	14	10	71	71	2nd Interval Exams).
В-Н					
(B8.10)	2	0	0	0	
B-J					
(B9.11)	102	46	45	45	See Note 1.
(B9.12)	0	0	0	0	
(B9.21)	2	0	0	0	
(B9.31)	7	4	57	57	See Note 1.
(B9.32)	1	0	0	0	
TOTAL	112	50	45	45	Code Case N-524 (RR-7)

F	r	T		J1 1222 1111 12 12 11	
				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-K-1					
(B10.10)	9	3	33	33	See Note 1.
(B10.20)	1	1	100	100	
TOTAL	10	4	40	40	
B-M-2					
(B12.50)	*	*	*	*	* When disassembled. (21 examined).
B-N-1					
B13.10	1	1	100	100	
B-N-2					
(B13.20)	13	6	46	46	IVVI
(B13.30)	36	10	28	28	IVVI
(B13.40)	239*	80	33	33	IVVI* (when accessible)
TOTAL	288	96	33	33	
В-Р					
(B15.10)	7	2	28	28	
(B15.11)	1	0	0	0	1R16 is 2nd Interval Exam
TOTAL	8	2	25	25	Code Case N-498-1 (RR-2)
C-A					
(C1.10)	2	0	0	0	
(C1.20)	1	0	0	0	
TOTAL	3	0	0	0	
С-В					
(C2.21)	2	0	0	0	

### ABSTRACT OF EXAMINATIONS AND TESTS

				Total	
	Total	Total	Total	Examinations	
	<b>Examinations</b>	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
C-C	***************************************				
(C3.10)	1	0	0	0	
(C3.20)	25	0	0	0	
TOTAL	26	0	0	0	
C-F-2					
(C5.51)	84	18	21	21	
(C5.81)	1	1	100	100	
TOTAL	85	19	22	22	Code Case N-524 (RR-7)
F-A					
(F1.10)	39	9	23	23	Class 1, Code Case N-491
(F1.20)	86	16	19	19	Class 2, Code Case N-491
(F1.30)	44	6	14	14	Class 3, Code Case N-491
(F1.40)	21	1	5	5	Equipment - Multiple Stream
TOTAL	190	32	17	17	

Note 1: A Relief Request will be submitted after completion of all exams when exact coverage and limitations for all exams are known.

## ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
B-G-1	B6.10	Closure Head Nuts (# 1B11\NUT-6, -52)	N/A	Yes
B-N-2	B13.40	Core Plate Ring Segment Weld at 180°, R-16	N/A	No

				Flaw or Relevant		
				Condition Found		
l	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	Examination or	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
			Snubber 1B31-X31-IFS-H1 failed functional test. Replaced			
1	Replacement	Support	mechanical snubber with a hydraulic snubber.	No	10/18/97	1-97-01669
			Performed preventative maintenance on pump and repaired			
3	Repair	Support	hanger found broken during pump PM. MPL 1P41-C001B	Yes	5/22/96	1-95-01816R1
			The 1/2" rod for hangers 1G41-PCH-50 and 1G41-PCH-52			
			were severely corroded and had failed. Replaced rods with			
			stainless steel rods for the humid environment per			
3	Replacement	Support	equivalency 96-9022.	No	5/21/96	1-96-00445
			Temporarily repaired support per SCS instructions. A			
			permanent repair was done on MWO 1-96-02398. MPL			
	Repair/		1P41-C001A. Permanently repaired support per weld		7/9/96	1-96-02357
3	Replacement	Support	isometric. MPL 1P41-C001A	Yes	10/2/96	1-96-03076

### **AUGMENTED INSPECTIONS PERFORMED**

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
	A-3/03	1B11\LOCATION-1 THRU 20 RPV HEAD Thickness Measurements	UT-H-460	30-H	S97H1U213	NRI	N/A	N/A
 	C-78/03	B21-SRV Discharge Piping	VT-H-730	<b></b> .	S97H1V028	NRI	N/A	N/A
B9.11 B-J NUREG-0313A	A-32/06	1G31-1RWCUM-6-D-2 Pipe to Elbow	UT-H-402	133-Н	S97H1U261 S97H1U278	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0313A	A-32/06	1G31-1RWCUM-6-D-5 Valve to Elbow	UT-H-402 PT-H-600	133-Н	S97H1P021 S97H1U239 S97H1U240	NRI NRI NRI	N/A	N/A
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-4A-1A BC to Cap	UT-H-402 PT-H-600	80-Н	S97H1P004 S97H1U114 S97H1U116 S97H1U117 S97H1U153	NRI NRI NRI NRI T&C	N/A	N/A
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-4A-10A BC to Cap	UT-H-402	80-H	S97H1U118 S97H1U119 S97H1U120	NRI NRI NRI	N/A	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-F-1 BC to Pipe	UT-H-402 PT-H-600	17-H	S97H1P009 S97H1U137 S97H1U142	NRI RI NRI	Geometry	N/A
B5.10 B-F NUREG-0313C	A-18/04	1B31-1RC-12AR-F-5 Safe-End to Nozzle	PT-H-600 UT-HAT-225DV2	85-H 162-H	R-036 S97H1P013	RI NRI	Geometry	N/A

97H1OAR.DOC Page 8 of 37

### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam	2100	Exam	Cal			D14	
Section XI	Figure No.	Exam/Area	Procedure	Block	Exam/Cal	D14-	Result	D
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-G-1 BC to Pipe	UT-H-402 PT-H-600	17-Н	Sheet No. S97H1P010 S97H1U138 S97H1U143 S97H1U207	Results NRI RI NRI T&C	Comments Geometry	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-G-2 Pipe to Elbow	PT-H-600 UT-HAT-225DV2	17-H	R-024 S97H1P001	RI NRI	Geometry	N/A
B5.10 B-F NUREG-0313C	A-18/04	1B31-1RC-12AR-G-5 Safe-End to Nozzle	PT-H-600 UT-H-409 UT-HAT-225DV2	85-H 162-H	R-041 S97H1P014 S97H1U279 S97H1U280	RI NRI NRI RI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-H-1 Reducer to Pipe	UT-H-402 PT-H-600	17-H	S97H1P011 S97H1U139 S97H1U144 S97H1U206	NRI RI NRI T&C	Geometry	N/A
B5.10 B-F NUREG-0313C'	A-18/04	1B31-1RC-12AR-H-5 Safe-End to Nozzle	UT-H-409 UT-HAT-225DV2	85-H 162-H	R-032 S97H1U257	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-J-1 BC to Pipe	UT-H-402 PT-H-600	17-H	S97H1P002 S97H1U140 S97H1U145	NRI RI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-J-2 Pipe to Elbow	UT-H-402	17-H	S97H1U214 S97H1U216	NRI T&C	N/A	N/A
B9.11 B-J NUREG-0313C'	A-18/04	1B31-1RC-12AR-J-4 Pipe to Safe-End	UT-H-402 UT-HAT-225DV2	17-H	R-027 S97H1U256	RI NRI	Geometry	N/A

97H1OAR.DOC Page 9 of 37

### **AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam	E/A	Exam	Cal	Exam/Cal	<b>7</b> 214	Result	D 1
B5.10 B-F NUREG-0313C'	Figure No. A-18/04	Exam/Area 1B31-1RC-12AR-J-5 Safe-End to Nozzle	Procedure UT-HAT-225DV2	Block 85-H 162-H	Sheet No. R-028	Results	Comments Geometry	Remarks N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-K-1 BC to Pipe	UT-H-402	17-H	S97H1U141 S97H1U146	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-18/04	1B31-1RC-12AR-K-4 Pipe to Safe-End	UT-HAT-225DV2	17-H	R-018	RI	Geometry	<b>N/A</b> .
B5.10 B-F NUREG-0313C	A-18/04	1B31-1RC-12AR-K-5 Safe-End to Nozzle	PT-H-600 UT-HAT-225DV2	85-H 162-H	R-040 S97H1P012	RI	Geometry	N/A
B5.10 B-F NUREG-0313C'	A-18/04	1B31-1RC-12BR-D-5 Safe-End to Nozzle	UT-HAT-225DV2	85-H 162-H	R-034	RI	Geometry	N/A
B9.31 B-J NUREG-0313C	A-16/04	1B31-1RC-22AM-1BC-1 Pipe to Branch Connection	UT-H-402 PT-H-600	47 <b>-</b> H	S97H1P003 S97H1U105 S97H1U107	NRI NRI NRI	N/A	N/A
B9.31 B-J NUREG-0313C	A-16/04	1B31-1RC-22AM-1BC-2 Pipe to Branch Connection	UT-H-402	47 <b>-</b> H	S97H1U106 S97H1U108	NRI NRI	N/A	N/A
B9.11 B-J NUREG-0313C	A-16/04	1B31-1RC-22AM-2 Pipe to Cross	UT-H-402 PT-H-600 UT-HAT-225DV2	47-H	R-024 S97H1P008 S97H1U215 S97H1U217 S97H1U218	RI NRI NRI RI T&C	Geometry	N/A

97H1OAR.DOC Page 10 of 37

### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam	TD //	Exam	Cal	Exam/Cal	<b>.</b>	Result	
B9.11 B-J NUREG-0313C	Figure No. A-16/04	Exam/Area 1B31-1RC-22AM-3 Cross to Pipe	Procedure UT-H-402	Block 47-H	Sheet No. S97H1U135 S97H1U136 S97H1U198	Results NRI NRI RI	Comments Geometry	Remarks N/A
B9.31 B-J NUREG-0313C	A-16/04	1B31-1RC-22AM-3BC-1 Pipe to Branch Connection	UT-H-402	47-H	S97H1U126	NRI	N/A	N/A
B9.31 B-J NUREG-0313C	A-16/04	1B31-1RC-22AM-3BC-2 Pipe to Branch Connection	UT-H-402	47-H	S97H1U125	NRI	N/A	N/A
B9.11 B-J NUREG-0313C	A-14/05	1B31-1RC-28A-9 Pipe to Elbow	UT-H-402 PT-H-600 UT-HAT-225DV2	151 <b>-</b> H	R-004 S97H1P007 S97H1U127	RI NRI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-11 Pump to Pipe	UT-H-402 PT-H-600 UT-HAT-225DV2	151-H	R-004 S97H1P007 S97H1U127	RI NRI NRI	Geometry	N/A
B9.31 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-11BC Pipe to Branch Connection	UT-H-402	151 <b>-</b> H	S97H1U102 S97H1U103	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-13 Valve to Elbow	UT-HAT-225DV2	151 <b>-</b> H	R-003	RI	Geometry	N/A
B9.31 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-14BC Pipe to Branch Connection	UT-H-402 PT-H-600	151-H	S97H1P005 S97H1U101 S97H1U104	NRI RI NRI	N/A	N/A

97H1OAR.DOC Page 11 of 37

### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-15 Pipe to Tee	UT-HAT-225DV2	151-H	R-012	RI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-14B/02	1B31-1RC-28A-16 Tee to Cross	UT-H-402 UT-HAT-225DV2	151-H	R-017 S97H1U187 S97H1U188	RI NRI NRI	Geometry	N/A
B9.11 B-J NUREG-0313C	A-14/05	1B31-1RC-28A-17 Cross to Reducer	UT-H-402	92-H	S97H1U133 S97H1U134	NRI NRI	N/A	N/A
B9.11 B-J NUREG-0313C	A-32/06	1G31-1RWCU-6-D-15A Valve to Pipe	UT-H-402 PT-H-600	2-Н	S97H1P020 S97H1U237 S97H1U238	NRI NRI NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-F-2 Pipe to Elbow Overlay	UT-HAT-229V0	134-H	R-043	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-F-3 Elbow to Pipe Overlay	UT-HAT-229V0	134-H	R-038	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-F-4 Pipe to Safe-end Overlay	UT-HAT-229V0	134-H	R-045	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-G-3 Elbow to Pipe Overlay	UT-HAT-229V0	134-Н	R-037	NRI	N/A	N/A

97H1OAR.DOC Page 12 of 37

### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0313E	A-18/04	1B31-1RC-12AR-G-4 Pipe to Safe-End Overlay	UT-HAT-229V0	134-H	R-039	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-H-2 Pipe to Elbow Overlay	UT-HAT-229V0	134 <b>-</b> H	R-033	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-H-3 Elbow to Pipe Overlay	UT-HAT-229V0	134-Н	R-030	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-H-4 Pipe to Safe-end Overlay	UT-HAT-229V0	134-H	R-035	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-J-3 Elbow to Pipe Overlay	UT-HAT-229V0	134-H	R-042	RI	Lack of Fusion	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-K-2 Pipe to Elbow Overlay	UT-HAT-229V0	134-H	R-044	NRI	N/A	N/A
  NUREG-0313E	A-18/04	1B31-1RC-12AR-K-3 Elbow to Pipe Overlay	UT-H-408 UT-HAT-229V0	134-Н	R-031	RI	IGSCC	INF 197H1006. Indications have not penetrated into the weld overlay. Acceptable as is.

### **AUGMENTED INSPECTIONS PERFORMED**

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0313E	A-18/04	1B31-1RC-22AM-4 Pipe to Cap Overlay	UT-H-408 UT-HAT-229V0	134-H	R-026 S97H1U229 S97H1U230	RI NRI NRI	IGSCC	Indications have grown but have not penetrated into the overlay. Acceptable as is.
  NUREG-0313E	A-18/04	1B31-1RC-22BM-4 Pipe to Cap Overlay	UT-HAT-229V0	134-H	R-029	RI	IGSCC	INF 197H1004. Indications have grown but have not penetrated into the overlay. Acceptable as is.
  NUREG-0313E	A-14/05	1B31-1RC-28A-10 Elbow to Pump Overlay	UT-H-408	134-H	S97H1U150	NRI	N/A	N/A
  NUREG-0313E	A-14B/02	1B31-1RC-28A-12 Pipe to Valve Overlay	UT-H-408 UT-HAT-229V0	134-H	R-005 S97H1U185 S97H1U186	RI NRI RI	Lack of Fusion	Three indications previously recorded, one believed to be original weld overlay discontinuity. Acceptable as is.
  NUREG-0313E	A-14B/02	1B31-1RC-28A-14 Elbow to Pipe Overlay	UT-H-408 UT-HAT-229V0	134-H	R-010 S97H1U183 S97H1U184	NRI RI RI	Lack of Fusion	N/A
  NUREG-0313E'	A-32/06	1G31-1RWCUM-6-D-9 Pipe to Elbow Overlay	UT-H-408	134-H	S97H1U124	NRI	N/A	N/A

97H1OAR.DOC Page 14 of 37

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0313R		1B11\\N2A (RINTSA) RINTSA Weld	UT-H-415	125-H	S97H1U147	RI	Geometry	N/A
  NUREG-0313R		1B11\\N2B (RINTSA) RINTSA Weld	UT-H-415	125-H	S97H1U148	RI	Geometry	N/A
  NUREG-0313R		1B11\\N2C (RINTSA) RINTSA Weld	UT-H-415	125 <b>-</b> H	\$97H1U149	RI	Geometry	N/A

#### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
	A-1/04	1B11\N4A (CYL BORE)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-7	NRI	N/A	N/A
		Straight Cylindrical Bore	UT-HAT-703V1					
NUREG-0619		Section						
B3.100	A-1/04	1B11\N4A (IR)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-6	NRI	N/A	N/A
B-D		A-A Loop Feedwater Inlet	UT-HAT-703V1					
NUREG-0619		Nozzle IR						
	A-1/04	1B11\N4B (CYL BORE)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-12	NRI	N/A	N/A
		Straight Cylindrical Bore	UT-HAT-703V1					
NUREG-0619		Section						
D2 100	A 1/04	1D11/314D (ID)					~ - / .	
B3.100	A-1/04	1B11\N4B (IR)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-11	NRI	N/A	N/A
B-D		A-B Loop Feedwater Inlet	UT-HAT-703V1					
NUREG-0619		Nozzle IR						
	A-1/04	1B11\N4C (CYL BORE)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-18	NRI	N/A	NT/A
	A-1/V4	Straight Cylindrical Bore	UT-HAT-703V1	01-11	U2K-KP V-16	NKI	IN/A	N/A
NUREG-0619		Section Section	01-11A1-703V1					
TOTAL OUT		Scotion						
B3.100	A-1/04	1B11\N4C (IR)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-17	NRI	N/A	N/A
B-D		B-C Loop Feedwater Inlet	UT-HAT-703V1	VI II	OZICIO V 17	11111	14/21	14/18
NUREG-0619		Nozzle IR						
	A-1/04	1B11\N4D (CYL BORE)	UT-HAT-311V1	61 <b>-</b> H	G2K-RPV-15	NRI	N/A	N/A
		Straight Cylindrical Bore	UT-HAT-703V1					
NUREG-0619		Section						
B3.100	A-1/04	1B11\N4D (IR)	UT-HAT-311VI	61 <b>-</b> H	G2K-RPV-14	NRI	N/A	N/A
B-D		<b>B-D Loop Feedwater Inlet</b>	UT-HAT-703V1					
NUREG-0619		Nozzle IR						

97H1OAR.DOC Page 16 of 37

#### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Dogulta	Result	Damada
B9.11 B-J NUREG-0619	A-10/05	1B21-1FW-12AA-15 Pipe to Transition Piece	UT-HAT-225DV2	148-H	R-020	Results RI	Comments Geometry	Remarks N/A
B9.11 B-J NUREG-0619	A-10/05	1B21-1FW-12AA-16 Transition Piece to Nozzle	MT-H-500 UT-HAT-225DV2	148-H	R-015 S97H1M011	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0619	A-11/05	1B21-1FW-12AB-9 Pipe to Transition Piece	UT-HAT-225DV2	148-Н	R-014	RI	Geometry	N/A
B9.11 B-J NUREG-0619	A-11/05	1B21-1FW-12AB-10 Transition Piece to Nozzle	UT-H-400 UT-HAT-225DV2	148-H	R-020 S97H1U222 S97H1U223	RI NRI T&C	Geometry	N/A
B9.11 B-J NUREG-0619	A-12/05	1B21-1FW-12BC-9 Pipe to Transition Piece	UT-HAT-225DV2	148-H	R-011	RI	Geometry	N/A
B9.11 B-J NUREG-0619	A-12/05	1B21-1FW-12BC-10 Transition Piece to Nozzle	UT-HAT-225DV2	148-H	R-007	RI	Geometry	N/A
B9.11 B-J NUREG-0619	A-12/05	1B21-1FW-12BD-15 Pipe to Transition Piece	MT-H-500 UT-HAT-225DV2	148-Н	R-019 S97H1M007	RI NRI	Geometry	N/A
B9.11 B-J NUREG-0619	A-12/05	1B21-1FW-12BD-16 Transition Piece to Nozzle	MT-H-500 UT-H-400 UT-HAT-225DV2	148-Н	R-007 S97H1M006 S97H1U219	RI NRI NRI	Geometry	N/A

97H1OAR.DOC

Page 17 of 37

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0619	B-83/08	1G31-2RWCU-4-R-3A Tee to Pipe	UT-H-400	142-H	S97H1U189 S97H1U190	RI RI	Geometry	N/A
  NUREG-0619	B-83/08	1G31-2RWCU-4-R-3A Pipe to Pipe	UT-H-400	142-H	S97H1U191 S97H1U192	RI RI	Geometry	N/A
  NUREG-0619	1-BN-9-1	1B11I\O-2A Feedwater Nozzle Radial Blend Area for N4A, 45°	VT-H-750	N/A	S97H1V013	NI	N/A	N/A
  NUREG-0619	1-BA-1	1B11I\O-2B Feedwater Nozzle Radial Blend Area for N4B, 135°	VT-H-750	N/A	\$97H1V013	NI	N/A	N/A
C5.51 C-F-2 NUREG-0803	B84/03	1C11-2CRD-8N-SDV-11 Pipe to Cap	MT-H-500 UT-H-400	52-H	S97H1M037 S97H1U268 S97H1U269	NRI NRI NRI	N/A	N/A

#### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B13.40 B-N-2	1-BN-8-1	1B11I\D-162 Top Guide Rim Weld Inside Surface at 8 Locations	VT-H-750	N/A	S97H1V019	NI	N/A	See BWRVIP-26 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-12 Vert Weld 140°, Weld V-3	UT-13	N/A	RS-97-01	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-13 Vert Weld 320°, Weld V-4	UT-13	N/A	RS-97-01A	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-14 Vert Weld 50°, Weld V-5	UT-13	N/A	RS-97-01B	RI	IGSCC	INF I97H1005. Acceptable as is. See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-15 Vert Weld 230°, Weld V-6	UT-13	N/A	RS-97-01C	RI	IGSCC	INF I97H1005. Acceptable as is. See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11NH-16 Vert Weld 140°, Weld V-7	UT-13	N/A	RS-97-01D	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-17 Vert Weld 320°, Weld V-8	UT-13	N/A	RS-97-01E	NRI	N/A	See BWRVIP-07 for more information.

97H1OAR.DOC Page 19 of 37

#### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
 SIL-572	1-BN-6-5	1B11I\H-26 Shroud Head Flange Ring Segment Weld at 120° R-3	VT-H-750	N/A	S97H1V020	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 SIL-572	1-BN-6-5	1B11I\H-32 Top Guide Support Ring Segment Weld at 120° R-9	VT-H-750	N/A	S97H1V020	NI	N/A	See BWRVIP-07 for more information.
  SIL-572	1-BN-6-5	1B11I\H-36 Core Plate Support Ring Segment Weld at 0° R-13	VT-H-750	N/A	\$97H1V020	NI	N/A	See BWRVIP-07 for more information.
  SIL-572	1-BN-6-5	1B11I\H-39 Core Plate Support Ring Segment Weld at 180° R- 16	VT-H-750	N/A	S97H1V020	RI	N/A	INF I97H1002. Acceptable as is. Reinspect next outage. See BWRVIP-07 for more information.
	1-BN-4-2	1B11\J1Z Jet Pump 1 & 2 Assy	VT-H-750	N/A	S97H1V021	NRI	N/A	SIL-574, SIL-551, SIL-605, SIL-330, SIL-465, SIL-420, RICSIL-078
  SIL-605	1-BN-4-2	1B11\J2Z Jet Pump 3 & 4 Assy	VT-H-750	N/A	S97H1V021	RI	N/A	INF I97H1001. Acceptable as is. Reinspect next outage. See BWRVIP-41 for more information.
<del></del>	1-BN-4-2	1B11\J3Z Jet Pump 5 & 6 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605

97H1OAR.DOC

Page 20 of 37

	ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
S	IL-605	1-BN-4-2	1B11\J4Z Jet Pump 7 & 8 Assy	VT-H-750	N/A	S97H1V021	RI	N/A	INF 197H1001. Acceptable as is. Reinspect next outage. See BWRVIP-41 for more information.
	•	1-BN-4-2	1B11\J5Z Jet Pump 9 & 10 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605
		1-BN-4-2	1B11\J6Z Jet Pump 11 & 12 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605
		1-BN-4-2	1B11\J7Z Jet Pump 13 & 14 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605
		1-BN-4-2	1B11\J8Z Jet Pump 15 & 16 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605
		1-BN-4-2	1B11\J9Z Jet Pump 17 & 18 Assy	VT-H-750	N/A	S97H1V021	NI	N/A	SIL-605
		1-BN-4-2	1B11\J10Z Jet Pump 19 & 20 Assy	VT-H-750	N/A	S97H1V021	NRI	N/A	SIL-574, SIL-551, SIL-605, SIL-330, SIL-465, SIL-420, RICSIL-078
		1-BN-7-2	1B11I\N2AA Core Spray Thermal Sleeve to Junction T-Box (P1) at 90°, Weld 2	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

#### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
<del></del>	1-BN-7-2	1B11I\N3AA Core Spray Cover Plate to Junction T-Box (P2) at 90°, Weld 3	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-2	1B11\N4AA Core Spray Junction T- Box to Horiz Pipe (P3) at 90° Left, Weld 4	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N6AA Core Spray Horiz Pipe to Elbow(P4a) at 10°, Weld 6	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N7AA Core Spray Elbow to Upper Downcomer (P4b) at 10°, Weld 7	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
·	1-BN-7-2	1B11I\N8AA Core Spray Upper Downcomer to Middle Sleeve (P5) at 10°, Weld 8	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N9AA Core Spray Middle Sleeve to Outer Sleeve (P6) at 10°, Weld 9	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N10AA Core Spray Outer Sleeve to Lower Downcomer (P7) at 10°, Weld 10	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

97H1OAR.DOC Page 22 of 37

	ME Exam on XI Figure N	io. Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
	1-BN-7-2	2 1B11I\N11AA Core Spray Downcomer to Elbow (P4c) at 10°, Weld 11	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	2 1B11I\N12AA Core Spray Elbow to Shroud Pipe (P4d) at 10°, Weld 12	VT-H-750	N/A	S97H1V003	NRI	N/A	See BWRVIP-18 for more information.
<del></del> 	1-BN-7-2	2 1B11I\N13AA Core Spray Shroud Pipe to Collar (P8a) at 10°, Weld 13	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N15AA Core Spray Collar to Shroud (P8b) at 10°, Weld 15	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1 <b>-BN-7-</b> 2	1B11I\N16AC Core Spray Junction T- Box to Horizontal Pipe (P3) at 90° Right, Weld 16	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-2	1B11I\N18AC Core Spray Horizontal Pipe to Elbow (P4a) at 170°, Weld 18	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

	SME	Exam	/,	Exam	Cal	Exam/Cal		Result	
Sect	ion XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
<del></del>		1-BN-7-2	1B11I\N19AC Core Spray Elbow to Upper Downcomer (P4b) at 170°, Weld 19	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
<b></b> ,		1-BN-7-2	1B11I\N20AC Core Spray Upper Downcomer to Middle Sleeve (P5) at 170°, Weld 20	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
		1-BN-7-2	1B11I\N21AC Core Spray Middle Sleeve to Outer Sleeve (P6) at 170°, Weld 21	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 		1-BN-7-2	1B11I\N22AC Core Spray Outer Sleeve to Lower Downcomer (P7) at 170°, Weld 22	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
		1-BN-7-2	1B11I\N23AC Core Spray Downcomer to Elbow (P4c) at 170°, Weld 23	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 		1-BN-7-2	1B11I\N24AC Core Spray Elbow to Shroud Pipe Extension (P4d-1) at 170°, Weld 24	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	<b>Comments</b>	Remarks
	1-BN-7-2	1B11I\N25AC Core Spray Shroud Pipe to Collar (P8a) at 170°, Weld 25	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-2	1B11I\N27AC Core Spray Collar to Shroud (P8b) at 170°, Weld 27	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11I\N29BB Core Spray Thermal Sleeve to Junction T-Box (P1) at 270°, Weld 29	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
<b></b>	1-BN-7-3	1B11I\N30BB Core Spray Cover Plate to Junction T-Box (P2) at 270°, Weld 30	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-3	1B11I\N31BB	VT-H-750	N/A	S97H1V003	NRI	N/A	See BWRVIP-18 for
<del></del>		Core Spray Junction T-Box to Horiz Pipe (P3) at 270° Right, Weld 31						more information.
	1-BN-7-3	1B11I\N33BB Core Spray Horiz Pipe to Elbow(P4a) at 350°, Weld 33	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
	1-BN-7-3	1B11\N34BB Core Spray Elbow to Upper Downcomer (P4b) at 350°, Weld 34	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11\N35BB Core Spray Upper Downcomer to Middle Sleeve (P5) at 350°, Weld 35	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11I\N36BB Core Spray Middle Sleeve to Outer Sleeve (P6) at 350°, Weld 36	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
<del></del>	1-BN-7-3	1B11I\N37BB Core Spray Outer Sleeve to Lower Downcomer (P7) at 350°, Weld 37	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
<del></del> 	1-BN-7-3	1B11I\N38BB Core Spray Downcomer to Elbow (P4c) at 350°, Weld 38	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11I\N39BB Core Spray Elbow to Shroud Pipe (P4d) at 350°, Weld 39	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
	1-BN-7-3	1B11I\N40BB Core Spray Shroud Pipe to Collar (P8a) at 350°, Weld 40	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
<b></b> 	1-BN-7-3	1B11\N42BB Core Spray Collar to Shroud (P8b) at 350°, Weld 42	VT-H-750	N/A	S97H1V003	NRI	N/A	See BWRVIP-18 for more information.
<del></del> 	1 <b>-</b> BN-7-3	1B11I\N43BD Core Spray Junction T- Box to Horizontal Pipe (P3) at 270° Left, Weld 43	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
B13.30 B-N-2	1-BN-7-3	1B11I\N44BD Core Spray Bracket & Attachment Welds to RPV (PB) at 210°, Weld 44	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11\N45BD Core Spray Horizontal Pipe to Elbow (P4a) at 190°, Weld 45	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-3	1B11I\N46BD Core Spray Elbow to Upper Downcomer (P4b) at 190°, Weld 46	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
	1-BN-7-3	1B11I\N47BD Core Spray Upper Downcomer to Middle Sleeve (P5) at 190°, Weld 47	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-3	1B11I\N48BD Core Spray Middle Sleeve to Outer Sleeve (P6) at 190°, Weld 48	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11I\N49BD Core Spray Outer Sleeve to Lower Downcomer (P7) at 190°, Weld 49	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-3	1B11\N50BD Core Spray Downcomer to Elbow (P4c) at 190°, Weld 50	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
	1-BN-7-3	1B11I\N51BD Core Spray Elbow to Shroud Pipe Extension (P4d) at 190°, Weld 51	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.
 	1-BN-7-3	1B11I\N52BD Core Spray Shroud Pipe to Collar (P8a) at 170°, Weld 52	VT-H-750	N/A	S97H1V003	NI	N/A	See BWRVIP-18 for more information.

ASME Section VI	Exam	E	Exam	Cal	Exam/Cal	75. 14	Result	<b>.</b> .
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
<b></b>	1-BN-7-3	1B11I\N54BD Core Spray Collar to Shroud (P8b) at 170°, Weld 54	VT-H-750	N/A	\$97H1V003	NI	N/A	See BWRVIP-18 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-1A Shroud Restraint Assy at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-2A Shroud Support Plate Gusset & Attachment Welds at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-3A Shroud Restraint Lower Spring Contact Area to Shroud at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-4A Shroud Restraint Lower Spring Contact Area to RPV at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-5A Shroud Restraint Mid Support Contact Area to RPV at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-6A Shroud Restraint Upper Restraint Contact Area to Shroud at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-7A Shroud Restraint Upper Restraint Contact Area to RPV at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-8A Shroud Restraint Core Plate Wedge Assy at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-9A Shroud Restraint Up Stab Assy to Tie Rod Fastener & Locking Device at 45°	VT-H-750	N/A	\$97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11NQ-10A Shroud Restraint Mid Support to Tie Rod, Latch Engaged Under Lip of Mid Support Ring at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-11A Shroud Restraint Lower Contact to Tie Rod, Latch Engaged in Notch in Tie Rod at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-12A Shroud Restraint Up Stabilizer Support, Latch Engaged in Jack Bolt Head Slot at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-13A Shroud Restraint Clevis Pin Contact Areas, Left & Right at 45°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-1B Shroud Restraint Assy at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-2B Shroud Support Plate Gusset & Attachment Welds at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-3B Shroud Restraint Lower Spring Contact Area to Shroud at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-4B Shroud Restraint Lower Spring Contact Area to RPV at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-5B Shroud Restraint Mid Support Contact Area to RPV at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-6B Shroud Restraint Upper Restraint Contact Area to Shroud at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-7B Shroud Restraint Upper Restraint Contact Area to RPV at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-8B Shroud Restraint Core Plate Wedge Assy at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-9B Shroud Restraint Up Stab Assy to Tie Rod Fastener & Locking Device at 135°	VT-H-750	N/A	S97H1V029	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-10B Shroud Restraint Mid Support to Tie Rod, Latch Engaged Under Lip of Mid Support Ring at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-11B Shroud Restraint Lower Contact to Tie Rod, Latch Engaged in Notch in Tie Rod at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-12B Shroud Restraint Up Stabilizer Support, Latch Engaged in Jack Bolt Head Slot at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-13B Shroud Restraint Clevis Pin Contact Areas, Left & Right at 135°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-1C Shroud Restraint Assy at 225°	VT-H-750	N/A	S97H1V034	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-2C Shroud Support Plate Gusset & Attachment Welds at 225°	VT-H-750	N/A	S97H1V035	NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-3C Shroud Restraint Lower Spring Contact Area to Shroud at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-4C Shroud Restraint Lower Spring Contact Area to RPV at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-5C Shroud Restraint Mid Support Contact Area to RPV at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-6C Shroud Restraint Upper Restraint Contact Area to Shroud at 225°	VT-H-750	N/A	S97H1V026 S97H1V029	NRI NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-7C Shroud Restraint Upper Restraint Contact Area to RPV at 225°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-8C Shroud Restraint Core Plate Wedge Assy at 225°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-9C Shroud Restraint Up Stab Assy to Tie Rod Fastener & Locking Device at 225°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.

#### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-10C Shroud Restraint Mid Support to Tie Rod, Latch Engaged Under Lip of Mid Support Ring at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11NQ-11C Shroud Restraint Lower Contact to Tie Rod, Latch Engaged in Notch in Tie Rod at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-12C Shroud Restraint Up Stabilizer Support, Latch Engaged in Jack Bolt Head Slot at 225°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NRI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-13C Shroud Restraint Clevis Pin Contact Areas, Left & Right at 225°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-1D Shroud Restraint Assy at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-2D Shroud Support Plate Gusset & Attachment Welds at 315°	VT-H-750	N/A	S97H1V026	NRI	N/A	See BWRVIP-07 for more information.

97H1OAR.DOC Page 35 of 37

ASME	Exam	11001	Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-3D Shroud Restraint Lower Spring Contact Area to Shroud at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-4D Shroud Restraint Lower Spring Contact Area to RPV at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-5D Shroud Restraint Mid Support Contact Area to RPV at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-6D Shroud Restraint Upper Restraint Contact Area to Shroud at 315°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-7D Shroud Restraint Upper Restraint Contact Area to RPV at 315°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-8D Shroud Restraint Core Plate Wedge Assy at 315°	VT-H-750	N/A	S97H1V029	NI	N/A	See BWRVIP-07 for more information.

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-9D Shroud Restraint Up Stab Assy to Tie Rod Fastener & Locking Device at 315°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-10D Shroud Restraint Mid Support to Tie Rod, Latch Engaged Under Lip of Mid Support Ring at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-11D Shroud Restraint Lower Contact to Tie Rod, Latch Engaged in Notch in Tie Rod at 315°	VT-H-750	N/A	S97H1V026	NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11NQ-12D Shroud Restraint Up Stabilizer Support, Latch Engaged in Jack Bolt Head Slot at 315°	VT-H-750	N/A	S97H1V026 S97H1V029	NI NI	N/A	See BWRVIP-07 for more information.
B13.40 B-N-2 ASME	1-BN-6-7	1B11I\Q-13D Shroud Restraint Clevis Pin Contact Areas, Left & Right at 315°	VT-H-750	N/A	\$97H1V026	NI	N/A	See BWRVIP-07 for more information.

#### **Enclosure 3**

Edwin I. Hatch Nuclear Plant - Unit 1

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

#### PLANT HATCH UNIT 1, 1R18 OUTAGE

'S ACTIVITY	REPORT
	5
	eorgia 30302
-i- 21512	
10/01/75	D C 1'
12/31/75	Refueling outage no. 1R18
3rd	
(1st, 2nd, 3rd, 4	th, other)
1st	
(1st, 2nd, 3	erd)
	1989 Edition
1/20/99, R	evision 4
nts, if different than	the inspection plan  1992 Edition/1992  Addenda after 9/9/97 for  IWE only
Expiration Date Date	
	Box 4545, Atlanta, G dress of Owner)  rgia 31513 ddress of Plant)  12/31/75  3rd  (1st, 2nd, 3rd, 4th

### FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R16, 1R17 and 1R18 OUTAGES TABLE 1

#### ABSTRACT OF EXAMINATIONS AND TESTS

				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-A					
(B1.11)	4	0	0	0	2 Exams done in 1R16 are 2nd Interval Exams
(B1.12)	12	11	92	92	4 Exams done in 1R16 are 2nd Interval Exams. See Note 1.
(B1.21)	2	0	0	0	C-8 inaccessible
(B1.22)	22	4	18	18	
(B1.30)	1	1	100	100	1 Exam done in 1R16 is 2nd Interval Exam. See Note 1.
(B1.40)	1	1	100	100	
TOTAL	42	17	41	41	
B-D		,		·	At least 25% but not more than 50% (credited) by the end of the
(B3.90)	28	11	39	39	first period per Note 2, Table 2500-1, Category B-D. See Note 1.
B3.100)	28	11	39	39	
TOTAL	56	22	39	39	·
B-E			:		
(B4.12)	1	0	0	0	1R16 is 2nd Interval Exam
(B4.13)	2	1	50	50	
TOTAL	3	1	33	33	Code Case N-498-1 (RR-2)
B-F					
(B5.10)	15	4	27	27	Examinations were performed in conjunction with the B-D
(B5.20)	5	2	40	40	examinations as allowed by Note 2, Table 2500-1, Category B-F.
(B5.130)	3	0	0	0	
TOTAL	23	6	26	26	

# FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R16, 1R17 and 1R18 OUTAGES TABLE 1 ABSTRACT OF EXAMINATIONS AND TESTS

				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
B-G-1					
(B6.10)	52	17	33	33	
(B6.20)	48	17	35	35	
(B6.30)	4	0	0	0	
(B6.40)	52	17	33	33	See Note 1.
(B6.50)	52	17	33	33	
(B6.180)	*	*	NA	NA	*B-L-2 Pump examinations required only when disassembled
(B6.190)	*	*	NA	NA	
(B6.200)	*	*	NA	NA	
TOTAL	208	68	33	33	B6.10, B6.20, B6.30, B6.40 and B6.50 only.
B-G-2					
(B7.50)	*	10	NA	NA	*For B-J Piping exams when selected.
(B7.70)	**	10	NA	NA	** For B-M-2 Valve exams when disassembled (10 valve groups
TOTAL	NA	20	NA	NA	examined).
В-Н					
(B8.10)	2	1	50	50	
B-J	. "				
(B9.11)	102	48	47	47	See Note 1.
(B9.12)	0	0	0	0	
(B9.21)	2 7	1	50	50	
(B9.31)	7	4	57	57	See Note 1.
(B9.32)	1	0	0	0	
TOTAL	112	53	47	47	Code Case N-524 (RR-7)

## FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R16, 1R17 and 1R18 OUTAGES TABLE 1 ABSTRACT OF EXAMINATIONS AND TESTS

#### Total **Total** Total **Examinations** Total Credited (%) To **Examinations Examinations Examinations** Date for the Credited for Credited (%) Examination Required for Remarks This Period For the Period Category the Interval Interval B-K-1 33 See Note 1. (B10.10) 9 3 33 100 100 RR-4 (B10.20)40 **TOTAL** 10 40 B-M-2 \* When disassembled. (10 valve groups examined). \* 10 \* \* (B12.50)B-N-1 **RR-28** B13.10 100 1 1 100 B-N-2 NA NA \*Examine Accessible Welds. (B13.20) NA (B13.30)NA \*\* Examine Accessible Surfaces. \*\* NA NA (B13.40)NA NA **TOTAL** NA 112 B-P (B15.10) 28 28 2 0 1R16 is 2nd Interval Exam 0 0 (B15.11) Code Case N-498-1 (RR-2) 25 **TOTAL** 2 25 C-A (C1.10)50 2 50 0 0 (C1.20)33 33 **TOTAL** 3 1 C-B 50 (C2.21)2 50 1

### FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R16, 1R17 and 1R18 OUTAGES TABLE 1

#### ABSTRACT OF EXAMINATIONS AND TESTS

				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
C-C					
(C3.10)	1	0	0	0	
(C3.20)	25	10	40	40	RR-28
TOTAL	26	10	38	38	
C-F-2					
(C5.51)	84	37	44	44	·
(C5.81)	1 .	1	100	100	
TOTAL	85	38	45	45	RR-7 and RR-28
С-Н					
(C7.10)	8	2 2	NA.	NA	
(C7.20)	4		NA	NA	
(C7.30)	39	14	NA	NA	·
(C7.40)	27	12 7	NA	NA	
(C7.50)	21	7	NA	NA	
(C7.60)	6	2 13	NA	NA	
(C7.70)	36		NA	NA	
(C7.80)	24	11	NA	NA	
TOTAL	165	63	NA	NA	RR-2
D-A					
(D1.10)	6	2	NA	NA	RR-2
D-B					
(D2.10)	6	2	NA	NA	RR-2
D-C					
(D3.10)	1	0	NA	NA	RR-2

## FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R16, 1R17 and 1R18 OUTAGES TABLE 1 ABSTRACT OF EXAMINATIONS AND TESTS

				Total	
	Total	Total	Total	Examinations	
	Examinations	Examinations	Examinations	Credited (%) To	
Examination	Required for	Credited for	Credited (%)	Date for the	
Category	the Interval	This Period	For the Period	Interval	Remarks
D-A*					*See Note 2.
(D1.10)*	2	1	50	50	RR-4 (Pressure Vessels)
(D1.20)*	26	9	35	35	RR-4 (Piping)
(D1.30)*	2	0	0	0	RR-4 (Pumps)
TOTAL	30	10	33	33	
F-A					
(F1.10)	42	9	23	23	Class 1, Code Case N-491
(F1.20)	124	42	34	34	Class 2, Code Case N-491
(F1.30)	53	13	25	25	Class 3, Code Case N-491
(F1.40)	21	1	5	5	Equipment
TOTAL	240	65	27	27	

Note 1: A Relief Request will be submitted after completion of all exams when exact coverage and limitations for all exams are known.

Note 2: Category and Item Nos. are from Code Case N-509, not ASME Table 2500-1.

# FORM OAR-1 OWNER'S ACTIVITY REPORT PLANT HATCH UNIT 1, 1R18 OUTAGE TABLE 2 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

NO FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE WERE IDENTIFIED DURING THE PLANT HATCH UNIT 1, 1R18 OUTAGE.

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

				Flaw or Relevant		
				Condition Found		
	Repair,			During Scheduled		
	Replacement,			Section XI		Repair/
Code	or Corrective	Item	Description	<b>Examination or</b>	Date	Replacement
Class	Measures	Description	of Work	Test (Yes/No)	Complete	Plan Number
			Replace inlet expansion bellows to the "1B" Diesel Generator			
3	Replacement	6" Expansion	due to pin-hole size leak.	No	6/12/98	2-98-01325
			Pinhole leak downstream of min flow valve. Replace piping,			
3	Replacement	3" Pipe	flange, and reducer.	No	4/19/99	1-99-01614

#### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam	110011	Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B5.10 B-F	A-39/00, 1- BF-8	1B31-1RC-4JP-A-1 N8A Nozzle to Safe-End	UT-H-409 PT-H-600	161-H 121-H	S99H1P001 S99H1U284	NI NRI	N/A	N/A
NUREG-0313C	<del>-</del>	MSIP 1993 RO			S99H1U285	NRI		
					S99H1U286	NRI		
					S99H1U287 S99H1U288	NRI NRI		
					S99H1U289	NRI		
					S99H1U290	NRI		
					S99H1U291	NRI		
B9.11	A-39/00, 1-	1B31-1RC-4JP-A-2	UT-H-402	80-H	S99H1P002	NI	N/A	N/A
B-J	BF-8	Safe-End to Penetration	PT-H-600		S99H1U292	NRI		
NUREG-0313C		Seal MSIP 1993 RO			S99H1U293 S99H1U294	NRI NRI		
					399H1U294	INIXI		
<b></b>	A-19/04	1B31-1RC-12BR-A-4 Pipe to Safe-End IHSI	UT-HAT-229V0	134 <b>-</b> H	R-009	NRI	N/A	N/A
NUREG-0313E		1985/1986 RO Overlay 1991						
	A-19/04	1B31-1RC-12BR-E-4	UT-HAT-229V0	134-H	R-010	NRI	N/A	N/A
NUREG-0313E		Pipe to Safe-End IHSI 1985/1986 RO Overlay						
		1991						
	A-14/05	1B31-1RC-28A-2	UT-HAT-229V0	134-H	R-011	RI	14 Interbead	Previously Recorded.
 NUREG-0313E		Safe-End to Pipe Overlay, 1990					Lack of Fusion	Acceptable as is.
	A-14/05	1B31-1RC-28A-6	UT-HAT-229V0	134-H	R-005	RI	3 Interbead	Previously Recorded.
 NUIDEC 0212E		Pipe to Elbow Overlay,					Lack of Fusion	Acceptable as is.
NUREG-0313E		1990					r usion	

99h1oar.doc Page 9 of 13

#### AUGMENTED INSPECTIONS PERFORMED

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
  NUREG-0313E	A-14/05	1B31-1RC-28A-7 Elbow to Valve IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-Н	R-004	RÍ	2 Interbead Lack of Fusion	Previously Recorded. Acceptable as is.
  NUREG-0313E	A-14/05	1B31-1RC-28A-8 Valve to Pipe IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-H	R-003	NRI	N/A	N/A
  NUREG-0313E	A-15/05	1B31-1RC-28B-2 Safe-End to Pipe IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-Н	R-008	NRI	N/A	N/A
  NUREG-0313E	A-15/05	1B31-1RC-28B-8 Elbow to Valve Overlay, 1990	UT-HAT-229V0	134-H	R-001	RI	3 Interbead Lack of Fusion	Previously Recorded. Acceptable as is.
  NUREG-0313E	A-15/05	1B31-1RC-28B-9 Valve to Pipe IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-H	R-002	NRI	N/A	N/A
  NUREG-0313E	A-15B/02	1B31-1RC-28B-13 Pipe to Valve IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-H	R-006	NRI	N/A	N/A
  NUREG-0313E	A-15B/02	1B31-1RC-28B-14 Valve to Elbow IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-H	R-007	NRI	N/A	N/A
  NUREG-0313E	A-23/04	1E11-1RHR-20B-D-4 Pipe to Pipe IHSI 1985/1986 RO Overlay, 1990	UT-HAT-229V0	134-H	R-012	NRI	N/A	N/A

99h1oar.doc Page 10 of 13

#### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0619	B-83/08	1G31-2RWCU-4-R-3A Tee to Pipe	UT-H-401	142-H	S99H1U299 S99H1U300	NRI RI	Geometry	N/A
  NUREG-0619	B-83/08	1G31-2RWCU-4-R-4C Pipe to Pipe	UT-H-401	142-H	S99H1U301 S99H1U302	NRI RI	Geometry	N/A
  NUREG-0619	1-BN-9-1	1B11I\O-1A Feedwater Sparger Arm Flow Holes, Tee, Welds, Brackets, 45°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
  NUREG-0619	1-BN-9-1	1B11I\O-1B Feedwater Sparger Arm Flow Holes, Tee, Welds, Brackets, 135°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
  NUREG-0619	1-BN-9-1	1B11I\O-1C Feedwater Sparger Arm Flow Holes, Tee, Welds, Brackets, 225°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
  NUREG-0619	1-BN-9-1	1B11I\O-1D Feedwater Sparger Arm Flow Holes, Tee, Welds, Brackets, 315°	VT-H-750	N/A	S99H1V007	NRI	N/A	N/A
  NUREG-0619	1-BA-1	1B11I\O-2C Feedwater Nozzle Radial Blend Area for N4C, 225°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A

99h1oar.doc Page 11 of 13

#### AUGMENTED INSPECTIONS PERFORMED

ASME Section XI	Exam Figure No.	Exam/Area	Exam Procedure	Cal Block	Exam/Cal Sheet No.	Results	Result Comments	Remarks
  NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-2D Feedwater Nozzle Radial Blend Area for N4D, 315°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-3A Feedwater Sparger Bracket & Attachment Weld to RPV at 5°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-3B Feedwater Sparger Bracket & Attachment Weld to RPV at 95°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B1I\O-3C Feedwater Sparger Bracket & Attachment Weld to RPV at 185°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-3D Feedwater Sparger Bracket & Attachment Weld to RPV at 275°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-4A Feedwater Sparger Bracket & Attachment Weld to RPV at 85°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B13.30 B-N-2 NUREG-0619	1-BN-9-1, 1-BN-9-2	1B11I\O-4B Feedwater Sparger Bracket & Attachment Weld to RPV at 175°	VT-H-750	N/A	S99H1V007	NI	N/A	N/A

99h1oar.doc Page 12 of 13

ASME	Exam		Exam	Cal	Exam/Cal		Result	
Section XI	Figure No.	Exam/Area	Procedure	Block	Sheet No.	Results	Comments	Remarks
B13.30	1-BN-9-1,	1B11I\O-4C	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B-N-2	1-BN-9-2	Feedwater Sparger						
NUREG-0619		Bracket & Attachment						
		Weld to RPV at 265°						
B13.30	1-BN-9-1,	1B11I\O-4D	VT-H-750	N/A	S99H1V007	NI	N/A	N/A
B-N-2	1-BN-9-2	Feedwater Sparger						
NUREG-0619		Bracket & Attachment						
		Weld to RPV at 355°						