

APR 26 2005

LR-N05-0194



United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-001

**INSERVICE INSPECTION ACTIVITIES – 90 DAY REPORT
HOPE CREEK GENERATING STATION
TWELFTH REFUELING OUTAGE (RFO#12)
DOCKET NO. 50-354
FACILITY OPERATING LICENSE NO. NPF-57**

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Hope Creek Generating Station during the twelfth refueling outage. This report is submitted in accordance Article IWA-6000 of Section XI of the ASME Boiler and Pressure Vessel Code, 1998 Edition, 2000 Addenda.

The enclosures to this letter are as follows:

1. Enclosure 1-Hope Creek (RFO#12) ISI Summary
2. Enclosure 2-Hope Creek (RFO#12), Form OAR-1 Owners Activity Report
3. Enclosure 3-Form OAR-1, Table 1 Hope Creek Generating Station ISI Program Long Term Plan RFO#12 ISI Examination Results
4. Enclosure 4-Form OAR-1, Table 1 Hope Creek Generating Station ISI Program Long Term Plan RFO#12 IWE Examination Results
5. Enclosure 5-Form OAR-1, Table 1 Hope Creek Generating Station ISI Long Term Plan Inservice Inspection Summary for the Second Interval
6. Enclosure 6-Form OAR-1, Table 1 Hope Creek Generating Station ISI Long Term Plan IWE Examination Summary for the First Interval
7. Enclosure 7-Form OAR-1, Table 2 – Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
8. Enclosure 8-Form OAR-1, Table 3 – Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

AD47

APR 26 2005

Should you have any questions regarding this request, please contact Michael G. Mosier at 856-339-5434.

Sincerely,



Christina L. Perino
Director – Regulatory Assurance

Enclosures (8)

C Mr. S. Collins, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. D. Collins, Project Manager – Hope Creek
U.S. Nuclear Regulatory Commission
Mail Stop 08C2
Washington, DC 20555-0001

USNRC Senior Resident Inspector – Salem (X24)

Mr. K. Tosch, Manager IV
Bureau of Nuclear Engineering
P. O. Box 415
Trenton, NJ 08625

Mr. Milton Washington
Chief Inspector
NJ Department of Labor
Division of Public Safety, Occupational Safety and Health
Bureau of Boiler and Pressure Vessel Compliance
P. O. Box 396
101 South Broad Street
Trenton, NJ 08625-0392

ENCLOSURE 1

(Pages - 14)

HOPE CREEK (RFO#12) ISI SUMMARY

HOPE CREEK, UNIT 1
INSERVICE INSPECTION FINAL SUMMARY REPORT
2nd INTERVAL / 3rd PERIOD / 1st OUTAGE
(IWE 1st Interval / 2nd Period / 2nd Outage)

REFUELING OUTAGE 12
Fall 2004

VOLUMES 1 THRU 5
FINAL REPORT
WITH APPENDICES

Fall 2004

Prepared by:

 3-18-05
Peter D. Durant
ISI Programs

Reviewed by:

 3/23/05
John R. O'Neil
ISI Program Administrator

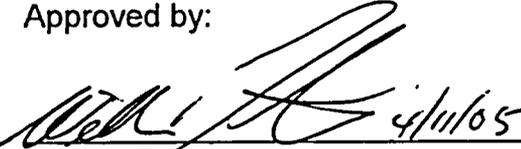
Reviewed by:


Wayne Denlinger
ISI NDE Specialist

Reviewed by:

 ANII HSB-CT 04/28/05
David Luetgen (ANII)
HSB-CT Insurance Co.

Approved by:

 4/11/05
William P. Treston
ISI/IST Supervisor

Copies to: DDG (1 COPY, transmitted under Order.# 50065556)
ISI (1 COPY, Original)

ABSTRACT

This report represents an accumulation of information pertaining to the ISI activities conducted during the Hope Creek Refueling Outage (RFO#12)

An inservice examination (ISI) of selected Class 1, Class 2, Class 3 and Class MC components of PSEG Nuclear LLC Hope Creek Generating Station was performed by PSEG Nuclear (PSEG), Magnaflux Quality Services (MQS), Underwater Construction Corp. (UCC), and AREVA-Framatome-ANP (FTI) personnel during the October 24, 2004 to January 26, 2005 (94 days) outage. These examinations constituted the Fifth (3rd Period, 1st Outage) refueling outage at Hope Creek, during the Second 10-year Inspection Interval of operation. The IWE examinations constituted the Third (2nd Period, 2nd Outage) refueling outage at Hope Creek, during the First 10-year Inspection Interval of operation.

Exams were performed in accordance with ASME Section XI, 1998 Edition, 2000 Addenda. The Appendix VIII exams were performed to the 1995 Edition, 1996 Addenda, as amended by Final Rule and the IWE was performed to the 1998 Edition, 1998 Addenda of ASME Section XI and the Hope Creek Inservice Inspection Program Long Term Plan.

Exams were performed utilizing visual (VT), magnetic particle (MT), liquid penetrant (PT), manual ultrasonic (UT), radiography (RT) and mechanized ultrasonic (M-UT) nondestructive examination techniques.

This report also contains augmented examinations required by the Hope Creek Technical Specifications, Regulatory Guides, Circulars and Bulletins issued by the United States Nuclear Regulatory Commission.

I. SUMMARY REPORT

During the Fall 2004 refueling outage, PSEG, MGS, UCC, and FTI personnel performed nondestructive examinations (NDE) of selected Class 1, Class 2, Class 3 and Class MC components of the Hope Creek Generating Station. These examinations constituted the Fifth (3rd Period, 1st Outage) refueling outage at Hope Creek, during the Second 10-year Inspection Interval of operation.

This report is presented in five volumes as follows:

- Volume 1 - Summary Report with Appendices A through N
- Volume 2 - Appendix O (VT-1 & VT-3 Visual Examination Field Data Records)
 - Appendix P (VT-2 Visual Examination Field Data Records)
 - Appendix Q (VT-G Visual Examination Field Data Records)
 - Appendix R (NDE Reports For Exams Performed By MGS)
- Volume 3 - AREVA-Framatome-ANP Section XI IV/vi Final Report
- Volume 4 - AREVA-Framatome-ANP Section XI ISI Final Report
- Volume 5 - IWE Underwater Construction Corp. Visual Final Report.

A. Applicable Documents

The ISI was conducted in accordance with the following documents:

- Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, "Rules for Inservice Inspection of Nuclear Power Plant Components", 1998 Edition 2000 Addenda and 1998 Edition, 1998 Addenda for IWE.
- 10-Year Inservice Inspection Program for Hope Creek Generating Station (Second interval) Initial Issue.
- PSEG's Hope Creek Generating Station, ISI Outage Exam Plan (Rev. 1), Second Interval, Third Period, First Outage, ASME Section XI, Appendix VIII, examinations were performed in accordance with ASME Section XI, Div. 1, 1998 Edition, 2000 Addenda, Appendix VIII, as amended by the Federal Register Notice 67FR60520 through 67FR60542 dated September 26, 2002.

B. ISI Examinations Performed by Framatome

Framatome (FTI) under the direction of the PSEG ISI Group, conducted seventy two (72) manual ultrasonic, six (6) mechanized ultrasonic, one (1) mechanized ultrasonic exam of N2K Nozzle to Safe-End Weld Overlay, one (1) liquid penetrant, two (2) magnetic particle examinations and two hundred forty four (244) Reactor-In-Vessel Visual examinations (IVVI).

The following was identified during the course of these examinations:

1. During the Automated Ultrasonic Inspection there was one (1) recordable indication noted as follows:

The indication on N2K Nozzle to Safe-End weld was estimated to be 0.750" in length and with a through wall dimension of 0.343" and would likely have exceeded the acceptance criteria of table IWB-3514-2 of Section XI.

2. The IVVI examinations performed revealed two new relevant indications and reconfirmed two previously known indications in the reactor vessel internal components:

New Indications RFO-12

Indication Location	Description	INF Number
Dryer Support Ring	Indication at 20° measured length of .625" and .75"	2004-001r1 PSEG Not. #20211135
Jet Pumps 9 & 10	Small Plastic Beads (Removed)	2004-002 PSEG Not. #20211731 #20211638
Core Spray Sparger Brackets @ 93, 135, 10 & 45	Evidence of minor movement (Nonrelevant)	2004-003 PSEG Not. #20212272
Dryer Support Ring	Previously recorded indication at 205° measured length of 2.3"	2004-004 PSEG Not. #20212346

B. ISI Examinations Performed by Framatome (Cont'd)

Previous Indications

Component	Indication	Associated Action Requests
Steam Dryer	220° Upper Dryer Lifting Lug Strap <i>Strap has since been removed.</i>	20142652
	Crack-Like Linear Indication in Steam Dryer Support Ring at 205°	971105283 990301206 20141548
	¾" long crack like indication on the bottom weld of the plate just below the Seismic Support Lug.	20080894
Jet Pump Set Screws	Crack in Jet Pump #1 Shroud Side Inside Tack Weld	951211183
	Crack in Jet Pump #4 Shroud Side Inside Tack Weld	951211183
	Crack in Jet Pump #9 Shroud Side Inside Tack Weld	951205139
	Crack in Jet Pump #11 Shroud Side Inside Tack Weld	960113164
	Crack in Jet Pump #17 Shroud Side Inside Tack Weld	971025088
	Crack in Jet Pump #19 Shroud Side Inside Tack Weld	HMT-94-054
	Crack in Jet Pump #20 Shroud Side Inside Tack Weld	HMT-94-054
Jet Pump Sensing Lines	Crack in Jet Pump #8 Lower Sensing Line Bracket	971018099
	Crack in Jet Pump #9 Lower Sensing Line Bracket (Both Welds)	970726026
	Crack in Jet Pump #8 Lower Sensing Line Bracket	971018102
Jet Pump Hold Down Beam	Beam Not Fully Engaged into Stop in Transition Piece	971025105

B. ISI Examinations Performed by Framatome (Cont'd)

Previous Indications

Component	Indication	Associated Action Requests
Core Spray	Crack in Lower Tack Weld of Upper Bolt on 195° Header Bracket	990301299
SRM / IRM Dry Tubes	Crack-like circumferentially oriented indications approximately ½ inch below the collar in all 12 SRM / IRM Dry Tubes. These indications are consistent with the cracking described in GE RICSIL 073. Additionally, an axially oriented crack-like indication was identified in IRM Dry Tube 32-37. <i>Guide Tubes have since been replaced.</i>	990304178
Guide Rods	Heavy scrape (~.25" wide and 1.65" long) on the 180° Guide Rod, South side approximately midway down the length of the of the rod.	20080262

There were no other unacceptable indications identified.

Examinations were conducted on the following systems:

Class 1

Vessel - RPV

Piping

- Main Steam and Drains
- Nuclear Boiler and Recirculation
- Reactor Core Isolation Cooling Steam
- Reactor Recirculation
- Residual Heat Removal

Class 2

Piping

- Feedwater
- Main Steam
- Reactor Core Isolation Cooling Steam
- Residual Heat Removal

C. Visual Examinations on Valves

PSEG Nuclear's ISI Group conducted one (1) internal valve visual examination during RFO-12 of the following valve:

Sum#	Description
165240	1-AE-HV-F074A-V-006-VIS

There were no unacceptable indications identified.

D. Visual Examination of Component Supports

PSEG Nuclear's ISI Group conducted one hundred forty-two (142) component support visual exams during this outage.

The following two (2) supports were identified as having misalignment conditions:

Sum#	Component I.D.	Condition	Notification#	Evaluation
630050	1-FD006-H001	Scrapping marks on indicator-possible misaligned hanger	20210445	Eval# 70042341 checked system alignment and found within specs.
630060	1-FD006-H004	Hanger is misaligned	20210440	Eval# 70042341 checked system alignment and found within specs.

There were no unacceptable indications identified.

E. System Leakage Examinations

PSEG's ISI Group conducted forty-nine (49) system pressure tests, on Nuclear Class 1, 2 and 3 systems, in accordance with ASME Section XI. No pressure boundary leakage was detected. Work requests were initiated to correct minor mechanical leakage not repaired during the system walk down.

A system leakage exam was performed in accordance with ASME Section XI on all Class 1 Systems.

A system leakage test was performed with the Reactor Coolant System in Mode 3 (at a pressure of 1010 psig) with the insulation installed. No pressure boundary

E. System Leakage Examinations (Cont'd)

leakage was detected. Work requests were initiated to correct minor mechanical leakage that was not corrected during the system walk down.

Class 2 and 3 System Pressure Tests were conducted on the following systems:

- Service Water Screens & Backwash
- Reactor Water Cleanup
- Residual Heat Removal
- Main Steam
- Core Spray
- Service Water
- Fuel Pool Cooling & Clean-up
- Nuclear Boiler & Reactor Recirculation
- Auxiliary Building Chilled Water - Control Room
- Containment Atmosphere Control
- Diesel Fuel Oil Storage & Transfer
- Emergency Diesel Generators
- Containment Instrument Gas
- Process Sampling
- Control Rod Drive – Hydraulic
- Feedwater
- Chilled Water
- High Pressure Coolant Injection
- Reactor Auxiliaries Cooling

F. Suppression Chamber Visual Examination per Technical Specification 4.6.2.1(d)

PSE&G's ISI group conducted a visual examination of the Suppression Chamber (Torus) accessible external surfaces and components.

There were no unacceptable indications identified.

G. Augmented Volumetric Examinations per Branch Technical Position MEB 3-1

PSEG Nuclear's ISI Group conducted twelve (12) Volumetric MEB 3-1 Exams during this outage.

Sum#	Component I.D.	Description
104300	1-AE-24DLA-035-1	Valve to Pipe
104800	1-AE-24DLA-036-1	Valve to Pipe
109800	1-BG-6DBA-001027	Pipe to Elbow
109805	1-BG-6DBA-001028	Pipe to Elbow
109810	1-BG-6DBA-001029	Pipe to Valve
350200	1-AB-3DBC-024-1	Valve to Pipe
350205	1-AB-3DBC-024-2	Pipe to Tee
350210	1-AB-3DBC-024-3	Tee to Pipe
350215	1-AB-3DBC-024-4	Pipe to Expander
350220	1-AB-4DBC-024-1	Expander to Pipe
350230	1-AB-4DBC-024-2	Pipe to Expander
350235	1-AB-4DBC-024-5	Expander to Pipe

There were no unacceptable indications identified.

H. Augmented Volumetric Examinations per NRC Generic Letter 88-01

There were eleven (11) scheduled welds and two (2) expanded sample welds for a total of thirteen (13) that were volumetrically examined, to comply with the augmented requirements of NRC Generic Letter 88-01 "Intergranular Stress Corrosion Cracking (IGSCC) Problems in BWR Austenitic Stainless Steel Piping" and ASME Section XI.

The mechanized UT was performed by Framatome-ANP with one (1) unacceptable indication identified on Sum# 100690 RPV1-N2KSE. As a result the scope was expanded to two (2) more safe-end welds. A 100% weld overlay was performed with a mechanized UT examination being performed after machining.

Sum#	Component I.D.	Description	Remarks
100635	RPV1-N1ASE	Nozzle to Safe-End	No Relevant Indications
100640	RPV1-N1BSE	Nozzle to Safe-End	No Relevant Indications
100670	RPV1-N2FSE	Nozzle to Safe-End	Expanded Sample, No Relevant Indications
100675	RPV1-N2GSE	Nozzle to Safe-End	Expanded Sample, No Relevant Indications
100685	RPV1-N2JSE	Nozzle to Safe-End	No Relevant Indications

H. Augmented Volumetric Examinations per NRC Generic Letter 88-01 (cont'd)

Sum#	Component I.D.	Description	Remarks
100690	RPV1-N2KSE	Nozzle to Safe-End	One Rejectable Indication measuring 0.75" in length. Notification# 20211152 was generated and an expanded sample of two additional welds was selected.
105400	1-BB-28VCA-011-1	Safe-End to Pipe	No Relevant Indications
105410	1-BB-28VCA-011-2	Pipe to Elbow	No Relevant Indications
105430	1-BB-28VCA-011-3	Elbow to Pipe	No Relevant Indications
106545	1-BB-12VCA-013J-4	Elbow to Pipe	No Relevant Indications
106565	1-BB-12VCA-013J-5	Pipe to Safe-End	No Relevant Indications
106645	1-BB-12VCA-013K-4	Elbow to Pipe	No Relevant Indications
106665	1-BB-12VCA-013K-5	Pipe to Safe-End	No Relevant Indications

There were no other unacceptable indications identified.

I. Preservice Examinations

The following pre-service examinations were performed:

Sum#	Component I.D.	Description	Order#
150130	1-SN-PSV-F013A-FB	Inlet Flange Bolting	60042194
150170	1-SN-PSV-F013B-FB	Inlet Flange Bolting	60042194
150210	1-SN-PSV-F013C-FB	Inlet Flange Bolting	60042194
150250	1-SN-PSV-F013D-FB	Inlet Flange Bolting	60042194
150290	1-SN-PSV-F013E-FB	Inlet Flange Bolting	60042194
150330	1-AB-PSV-F013F-FB	Inlet Flange Bolting	60042194
150370	1-AB-PSV-F013G-FB	Inlet Flange Bolting	60042194
150410	1-AB-PSV-F013H-FB	Inlet Flange Bolting	60042194
150450	1-AB-PSV-F013J-FB	Inlet Flange Bolting	60042194
150490	1-AB-PSV-F013K-FB	Inlet Flange Bolting	60042194
150530	1-AB-PSV-F013L-FB	Inlet Flange Bolting	60042194
150570	1-AB-PSV-F013M-FB	Inlet Flange Bolting	60042194
150790	1-AB-PSV-F013M-VB2	Pilot Base to Body Bolting	60049100
150810	1-AB-PSV-F013P-FB	Inlet Flange Bolting	60042194
150850	1-AB-PSV-F013R-FB	Inlet Flange Bolting	60042194

I. Preservice Examinations (cont'd)

Sum#	Component I.D.	Description	Order#
151190	1-BB-OS-201-CRD-CS1	CRD Ring Flange to RPV. Cap Screws	60035544
151200	1-BB-OS-201-CRD-CS2	CRD Ring Flange MTG. Cap Screws	60035544
300640	1-EA-1BP-502-IA	Service Water Pump Integral Attachment	60038786
605500	1-EA-1BP-502	Service water Pump Support	60038786
605520	1-EA-1CF-509	Service Water Strainer Support	60037838

PSEG Nuclear & MQS personnel performed the visual (FSI) examinations with no unacceptable indications identified.

J. Erosion / Corrosion UT Thickness Program

In response to NRC Bulletin 87-01 and Generic Letter 89-08, one hundred forty-two (142) components were selected for UT thickness examinations from fourteen (14) systems. A breakdown is as follows:

Feedwater (23)	Main Steam (13)
Condensate (10)	Extraction Steam (20)
Seal Steam (15)	Heater Drains (30)
Reactor Water Cleanup (4)	Cross-Around Piping (6)
Moisture Separator Drains (12)	RCIC Drain Lines (3)
Plant Heating Water (5)	Gaseous Radwaste Off Gas (0)
Liquid Radwaste (1)	HPCI Drain Lines (0)

There were thirty-nine (39) additional components inspected as part of an expanded scope as follows:

Main Steam (2)	Heater Drains (12)
Seal Steam (2)	Extraction Steam (17)
Plant Heating Water (2)	Feedwater (1)
Moisture Separator Drains (3)	

The following six (6) replacements were made.

- 16" - Extraction Steam (2)
- 4" - Seal steam (1)
- 3" - Plant Heating Water (2)
- 8" - Plant Heating Water (1)

K. Technical Specification 4.7.5 (e) Functional Testing of Selected Hydraulic and Compensating Struts

Hydraulic snubbers were tested using a 37% sample of the total number of installed hydraulic snubbers. PSE&G tested thirty-seven (37) Lisega hydraulic snubbers using the Wyle Laboratories model 150-snubber test machine. One (1) deficiency was noted while testing the compensating struts increasing the sample pull by one (1) additional compensating strut. No additional deficiencies were noted during testing.

The Head Spray line was deleted and piping removed. Twenty (20) snubbers that were removed received an augmented test with no deficiencies.

The Hydrogen Mitigation line was deleted and piping removed. This resulted in the removal of one (1) snubber. The removed snubber received an augmented test with no deficiencies found.

All deficiencies were evaluated and any snubber needing repair was made prior to plant power ascension.

L. ISI Section XI Visual Examination for Containment Integrity.

PSEG Nuclear's ISI Group conducted 144 IWE (Class MC) Visual Examinations as required through 10 CFR 50.55A rulemaking, and NRC Secy. 96-080 using the 1998 Edition, 1998 Addenda, of ASME Section XI. All accessible exams outside the drywell were performed during RFO#12.

There were no unacceptable indications identified.

Underwater Construction Corporation performed underwater visual examinations of the torus during RFO#12 with some minor coating issues. Recoating and re-inspecting all recoated areas addressed these issues.

There were no unacceptable indications identified.

N. List of Acronym's

<u>ACRONYM</u>	<u>DESCRIPTION</u>
EE	TORUS WATER CLEANUP
EG	SAFETY AUXILIARIES COOLING (SACS)
EP	SERVICE WATER SCREEN WASH
FC	REACTOR CORE ISOLATION COOLING STEAM
FD	HIGH PRESSURE COOLANT INJECTION STEAM
GB	CHILLED WATER
GE	GENERAL ELECTRIC
GJ	AUX. BLDG. CHILLED WATER - CONTROL RM
GP	PRIMARY CONTAINMENT ILRT/LLRT
GS	CONTAINMENT ATMOSPHERIC CONTROL
GT	DRYWELL HVAC
GU	FILTRATION, RECIRC. & VENTILATION (FRVS)
HB	LIQUID RADWASTE
HCGS	HOPE CREEK GENERATING STATION
ISI	INSERVICE INSPECTION
JE	DIESEL FUEL OIL
KA	SERVICE COMPRESSED AIR
KB	INSTRUMENT CONTROL AIR LIQUID
KG	BREATHING AIR
KJ	DIESEL GENERATOR
KL	CONTAINMENT INSTRUMENT GAS
KP	MAIN STEAM SEALING SYSTEM

N. List of Acronym's (cont'd)

<u>ACRONYM</u>	<u>DESCRIPTION</u>
LTP	LONG TERM PLAN
MT	MAGNETIC PARTICLE EXAMINATION
NDE	NONDESTRUCTIVE EXAMINATION
NDT	NONDESTRUCTIVE TESTING
NPS	NOMINAL PIPE SIZE
NRC	NUCLEAR REGULATORY COMMISSION
OM	SPARE PENETRATIONS
PMP	PUMP
PSE&G	PUBLIC SERVICE ELECTRIC & GAS
PT	LIQUID PENETRANT EXAMINATION
PSAR	PRELIMINARY SAFETY ANALYSIS REPORT
PSI	PRESERVICE INSPECTION
RC	POST ACCIDENT SAMPLING
RHR	RESIDUAL HEAT REMOVAL
SB	REACTOR PROTECTION
SE	NUETRON MONITORING (TIPS)
SK	PLANT LEAK DETECTION
SP	RADIATION PROCESS MONITORING
UFSAR	UPDATED FINAL SAFETY ANALYSIS REPORT

ENCLOSURE 2

(Pages - 1)

**HC RFO#12
FORM OAR-1
OWNERS ACTIVITY REPORT**

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: HCRFO#12

Owner: Public Service Electric & Gas Company

Plant: Hope Creek Nuclear Generating Station

Unit No. : 1 Commercial Service Date: 12/20/86

Refueling Outage No.: RFO#12

Current inspection interval: Second

Current inspection period: Third

Edition and Addenda of Section XI applicable to the inspection plan: 1998 Edition 2000 Addenda and 1998 Edition 1998 Addenda For IWE.

Date and revision of inspection plan: 11/97, Rev. 0 / Chg. 0

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

Class 1, 2, & 3 – 1998 Edition, 2000 Addenda Class MC – 1992 / 92 Addenda
(Unless Specifically identified in the individual repair plan)

CERTIFICATE OF CONFORMANCE

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

Certificate of Authorization No.: N/A

Expiration Date: N/A

Signed: [Signature]

Supervisor
ISI/ITJ
Owner or Owner's Designee, Title

Date 4/8/05

CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or province of New Jersey and employed by Hartford Steam Boiler Inspection & Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, during the period 05/14/2003 to 01/26/2005, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions

10786

National Board, State, Province, and Endorsements

Date

04/08/2005

ENCLOSURE 3

(Pages – 29)

**Form OAR-1, Table 1
HOPE CREEK GENERATING STATION
RFO#12 ISI EXAMINATION RESULTS**

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
100180	RPV1-W24F	MERIDIONAL WELD	B-A	B1.22	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100181	RPV1-W24G	MERIDIONAL WELD	B-A	B1.22	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100182	RPV1-W24H	MERIDIONAL WELD	B-A	B1.22	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100265	RPV1-N4A	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirements due to One Sided Exam (no exam upstream due to nozzle configuration).
100270	RPV1-N4B	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.
100275	RPV1-N4C	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 71% of code requirements due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100280	RPV1-N4D	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100285	RPV1-N4E	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100290	RPV1-N4F	NOZZLE TO SHELL WELD	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 71% of code requirements due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100320	RPV1-N8A	NOZZLE TO SHELL JET INSTRUMENTATION	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirements due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100325	RPV1-N8B	NOZZLE TO SHELL 4- JET INSTRUMENTATION	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirements due to nozzle configuration. Examined from shell side only due to blend radii limiting nozzle side scan.
100400	RPV1-N17A	NOZZLE TO SHELL AT 45 DEG	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirements due to nozzle configuration.
100401	RPV1-N17B	NOZZLE TO SHELL AT 135 DEG	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.
100403	RPV1-N17D	NOZZLE TO SHELL AT 315 DEG	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.
100404	RPV1-N6A	NOZZLE TO HEAD HEAD SPRAY NOZZLE	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.
100405	RPV1-N6B	NOZZLE TO HEAD SPARE HEAD NOZZLE	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
100406	RPV1-N7	NOZZLE TO HEAD VENT NOZZLE	B-D	B3.90	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 75% of code requirement due to nozzle configuration.
100480	RPV1-N4AIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100485	RPV1-N4BIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100490	RPV1-N4CIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100495	RPV1-N4DIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100500	RPV1-N4EIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100505	RPV1-N4FIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100520	RPV1-N6AIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100525	RPV1-N6BIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100530	RPV1-N7IR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100535	RPV1-N8AIR	INSIDE RADIUS SECTION	B-D	B3.100	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100635	RPV1-N1ASE	RECIRC OUTLET AT 0 DEG	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100640	RPV1-N1BSE	RECIRC OUTLET AT 180 DEG	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100670	RPV1-N2FSE	RECIRC INLET AT 210 DEG	R-A	R1.14-2	UT	Accept	Exam Added to Outage Due to Rejectable Indication on Sum # 100690 RPV1-N2KSE Examination Performed by Framatome with No Recordable Indications.
100675	RPV1-N2GSE	RECIRC INLET AT 240 DEG	R-A	R1.14-2	UT	Accept	Exam Added to Outage Due to Rejectable Indication on Sum # 100690 RPV1-N2KSE Examination Performed by Framatome with No Recordable Indications.
100685	RPV1-N2JSE	RECIRC INLET AT 300 DEG	R-A	R1.14-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100690	RPV1-N2KSE	RECIRC INLET AT 330 DEG	R-A	R1.14-2	UT	Reject	Examination Performed by Framatome with one Rejectable Indication measuring 0.75" in length. Notification# 2021152 was generated and a expanded sample of two additional welds Sum# 100670 (N2FSE) and 100675 (N2GSE) was selected and performed. Notification# 2021152 was generated due to rejectable indication.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
100690	RPV1-N2KSE (OVERLAY)	RECIRC INLET AT 330 DEG	R-A	R1.14-2	UT	Accept	A Weld overlay was performed and examination performed by Framatome on weld overlay. The results are as follows There were Five (5) reportable Indications noted Four (4) were identified as Interbead Lk of Bond and were within Acceptable standards. The fifth indication was initially recorded during the original automated ultrasonic examination of nozzle to safe-end weld.
100715	RPV1-N4ASE	SAFE-END TO NOZZLE	R-A	R1.14-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100720	RPV1-N4BSE	SAFE-END TO NOZZLE	R-A	R1.14-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
100725	RPV1-N4CSE	SAFE-END TO NOZZLE	R-A	R1.14-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
101770	1-AB-26DLA-030-4LG (1-4)	LUG	B-K	B10.20	MT	Accept	Examination Performed by Framatome with No Recordable Indications.
102025	1-AB-26DLA-031-2	PIPE TO ELBOW	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
102045	1-AB-26DLA-031-3	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
102422	1-AB-26DLA-032-2	PIPE TO ELBOW	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 99.36% of code requirement due to Loose Parts Monitor.
102430	1-AB-26DLA-032-3	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104300	1-AE-24DLA-035-1	VALVE TO PIPE	R-A	R1.11-5	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104360	1-AE-24DLA-035-12	PIPE TO VALVE	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 92% of code requirement due to restraint.
104365	1-AE-24DLA-035-13	VALVE TO PIPE	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104800	1-AE-24DLA-036-1	VALVE TO PIPE	R-A	R1.11-5	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104850	1-AE-24DLA-036-10	PIPE TO ELBOW	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104855	1-AE-24DLA-036-11	ELBOW TO PIPE	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104860	1-AE-24DLA-036-12	PIPE TO VALVE	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
104865	1-AE-24DLA-036-13	VALVE TO PIPE	R-A	R1.11-2	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
105100	1-AE-12DLA-036E-1	REDUCING TEE TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
105200	1-AE-12DLA-036F-1	REDUCING TEE TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
105400	1-BB-28VCA-011-1	SAFE END TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
105410	1-BB-28VCA-011-2	PIPE TO ELBOW	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
105430	1-BB-28VCA-011-3	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
105470	1-BB-28VCA-011-5LG (1-4)	LUG	B-K	B10.20	PT	Accept	Examination Performed by Framatome with No Recordable Indications.
105521	1-BB-1CCA-225-1	INSTRUMENT LINE TO NOZZLE	A-E	20215493	PT-RT	Accept	Examination Performed by MQS with No Recordable Indications.
105522	1-BB-1CCA-223-1	INSTRUMENT LINE TO NOZZLE	A-E	20215493	PT-RT	Accept	Examination Performed by MQS Weld was re-radiographed to evaluate linear indication noted on first radiograph taken and determined to be fillet weld gap.
105731	1-BB-1CCA-218-1	INSTRUMENT LINE TO NOZZLE	A-E	20215493	PT-RT	Accept	Examination Performed by MQS with No Recordable Indications.
105732	1-BB-1CCA-220-1	INSTRUMENT LINE TO NOZZLE	A-E	20215493	PT-RT	Accept	Examination Performed by MQS. The weld joint was radiographed and was rejected for a linear indication. It was re-radiographed to evaluate indication with the results being inconclusive. The radiographs were sent to EPRI to have digitized and evaluated. As per EPRI letter dated 11/03/2004 results show that there were no service induced flaws and the weld fit up is what is being seen.
106545	1-BB-12VCA-013J-4	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
106565	1-BB-12VCA-013J-5	PIPE TO SAFE END	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
106645	1-BB-12VCA-013K-4	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
106665	1-BB-12VCA-013K-5	PIPE TO SAFE END	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
109430	1-BE-12DLA-023-7	PIPE TO ELBOW	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
109435	1-BE-12DLA-023-8	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
109760	1-BG-6DBA-001-22LG2 (1-8)	LUG	B-K	B10.20	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
109800	1-BG-6DBA-001-27	PIPE TO ELBOW	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
109805	1-BG-6DBA-001-28	ELBOW TO PIPE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 90.385% of code requirement due to pipe restraint.
109810	1-BG-6DBA-001-29	PIPE TO VALVE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 58.07% of code requirement due to weld crown.
110125	1-BG-4DBA-001B16	PIPE TO TEE	R-A	R1.20-4	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
112900	RPV1-N4A	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
112905	RPV1-N4B	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 93.8% of code requirement due to thermocouple lugs.
112910	RPV1-N4C	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
112915	RPV1-N4D	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 93.8% of code requirement due to thermocouple lugs.
112920	RPV1-N4E	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
112925	RPV1-N4F	NOZZLE BORE SECTION	A-E	NREG0619	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
150130	1-SN-PSV-FO13A-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150170	1-SN-PSV-FO13B-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150210	1-SN-PSV-FO13C-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150250	1-SN-PSV-FO13D-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150290	1-SN-PSV-FO13E-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150330	1-AB-PSV-FO13F-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150370	1-AB-PSV-FO13G-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150410	1-AB-PSV-FO13H-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150450	1-AB-PSV-FO13J-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150490	1-AB-PSV-FO13K-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150530	1-AB-PSV-FO13L-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150570	1-AB-PSV-FO13M-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150790	1-AB-PSV-F013MVB2	PILOT BASE TO BODY AND BONNET	B-G-2	B7.70	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
150810	1-AB-PSV-FO13P-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
150850	1-AB-PSV-FO13R-FB	INLET FLANGE	B-G-2	B7.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
151190	1-BB-OS-201-CRD-CS1	CRD RING FLANGE TO RPV CAP SCREWS	B-G-2	B7.80	VT	Accept	Examination Performed by MQS and PSEG Personnel with No Recordable Indications.
151200	1-BB-OS-201-CRD-CS2	CRD RING FLANGE MTG. CAP SCREWS	B-G-2	B7.80	VT	Accept	Examination Performed by MQS and PSEG Personnel with No Recordable Indications.
165240	1-AE-HV-F074A-V-006-VIS	VALVE INTERNAL surfaces	B-M-2	B12.50	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300500	1-EA-ZZHC-009-H011-IA	LUGS (1 THRU 8)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300520	1-EA-ZZHC-026-H004-IA	YOKE PLATES (2 WELDS)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300610	1-EA-1AP-502-IA	SUPPORT ATTMENT	D-A	D1.30	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300620	1-EA-1BE-201-IA	SUPPORT ATTMENT	D-A	D1.10	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300640	1-EA-1BP-502-IA	SUPPORT ATTMENT	D-A	D1.30	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300700	1-EG-ZZHBC-104-H006-IA	YOKE PLATE (1 WELD)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300720	1-EG-ZZHBC-104-H016-IA	LUGS (1 THRU 8)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300760	1-EG-ZZHBC-104-H040-IA	2 SLEEVES (1 WELD EH)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300820	1-EG-ZZHBC-105-H015-IA	SLEEVE (1 WELD)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300830	1-EG-ZZHBC-105-H016-IA	SLEEVE (1 WELD)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
300850	1-EG-ZZHBC-105-H052-IA	SLEEVE (1 WELD)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
302530	1-GJ-1AK-403-IA	SUPPORT ATTMENT	D-A	D1.10	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
302550	1-GJ-ZZHBC-003-H053-IA	YOKE (1 WELD)	D-A	D1.20	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
303180	1-KJ-1CE-405-1A	SUPPORT ATTMENT	D-A	D1.10	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
303210	1-KJ-1CT-406-IA	SUPPORT ATTMENT	D-A	D1.10	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
350200	1-AB-3DBC-024-1	VALVE TO PIPE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 73.9% of code requirement due to valve configuration.
350200	1-AB-3DBC-024-1	VALVE TO PIPE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 73.9% of code requirement due to valve configuration.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
350205	1-AB-3DBC-024-2	PIPE TO TEE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
350210	1-AB-3DBC-024-3	TEE TO PIPE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
350215	1-AB-3DBC-024-4	TEE TO EXPANDER	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications. Exam limited to 91.5% of code requirement due to support.
350220	1-AB-4DBC-024-1	EXPANDER TO PIPE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
350230	1-AB-4DBC-024-2	PIPE TO EXPANDER	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
350235	1-AB-3DBC-024-5	EXPANDER TO PIPE	A-E	MEB 3-1	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
400000	SPT-AB-001	M.S. PIPING FROM DRYWELL TO MAIN STOP-BYPASS VLV	C-H/D-B	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400100	SPT-AB-002	M.S. DRN TO COND. BET. VLV BC-V040/V001/V017/V002.	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400200	SPT-AE-001	(AE) FEEDWATER	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400300	SPT-AP-001	(AP) CONDENSATE STORAGE & TRANSFER	C-H/D-B	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400400	SPT-BB-001	(BB)NUCLEAR BOILER & RETOR RECIRC.	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400700	SPT-BC-003	(BC) RESIDUAL HEAT REMOVAL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
400800	SPT-BC-004	(BC) RESIDUAL HEAT REMOVAL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
401200	SPT-BD-001	(BD) RETOR CORE ISOLATION COOLING	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
401400	SPT-BE-001	(BE) CORE SPRAY	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
401600	SPT-BE-003	(BE) CORE SPRAY	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
401900	SPT-BH-002	(BH) STANDBY LIQUID CONTROL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel Notification# 20150111 Generated for boric acid on Valve BHV058 Pking with No Rejectable Indications. Notification# 20150111 Generated for boric acid on Valve BHV058 Pking
402000	SPT-BH-003	(BH) STANDBY LIQUID CONTROL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402300	SPT-EA-001	(EA) SERVICE WATER	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402400	SPT-EA-002	(EA) SERVICE WATER	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
402500	SPT-EA-003	(EA) SERVICE WATER	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402600	SPT-EA-004	(EA) SERVICE WATER	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402700	SPT-EA-005	(EA) SERVICE WATER	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402800	SPT-EC-001	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
402900	SPT-EC-002	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403000	SPT-EC-003	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403100	SPT-EC-004	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403200	SPT-EC-005	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403300	SPT-EC-006	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403400	SPT-EC-007	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403500	SPT-EC-008	(EC) FUEL POOL CLG & CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
403900	SPT-EG-002	(EG) SAFETY & TURBINE AUXILIARIES CLG	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel Notification# 20190086 Generated for boric acid on Valve 1EGV-725 Pking with No Rejectable Indications.
404000	SPT-EP-001	(EP) SERVICE WATER SCREENS & BKWASH	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
404100	SPT-EP-002	(EP) SERVICE WATER SCREENS & BKWASH	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
404400	SPT-FC-001	(FC) RCIC TURBINE STEAM	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
405200	SPT-GP-001	(GP) PRI. CONTAINMENT LEAK RATE TEST	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
405300	SPT-GS-001	(GS) CONTAINMENT ATMOSPHERE CONTROL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
405400	SPT-GS-002	(GS) CONTAINMENT ATMOSPHERE CONTROL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
405500	SPT-GS-003	(GS) CONTAINMENT ATMOSPHERE CONTROL	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
405700	SPT-GS-005	(GS) CONTAINMENT ATMOSPHERE CONTROL	C-H/D-B	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
406000	SPT-HB-002	(HB) LIQUID RADWASTE	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
407000	SPT-KG-001	(KG) BREATHING AIR	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407100	SPT-KJ-001	(KJ) EMERG. DIESEL GENERATORS	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407200	SPT-KJ-002	(KJ) EMERG. DIESEL GENERATORS	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407300	SPT-KJ-003	(KJ) EMERG. DIESEL GENERATORS	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407400	SPT-KJ-004	(KJ) EMERG. DIESEL GENERATORS	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407700	SPT-RC-001	(RC) PROCESS SAMPLING	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407800	SPT-RC-002	(RC) PROCESS SAMPLING	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
407900	SPT-RC-003	(RC) PROCESS SAMPLING	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
408000	SPT-RC-004	(RC) PROCESS SAMPLING	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
408200	SPT-BF-001	(BF) CONTROL ROD DRIVE HYRAULIC	C-H/D-B	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
408300	SPT-KA-001	(KA) SERVICE COMPRESSED AIR	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
408400	SPT-BG-002	(BG) RETOR WATER CLEANUP	D-B	D2.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
408600	SPT-SB-001	(SB) RETOR PROTECTION SYSTEM	C-H	C7.10	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
410000	SPT-ZZ-001	(ZZ) ALL CLASS 1 SYSTEMS	B-P	B15.XX	VT	Accept	Examination Performed by PSEG Personnel with No Rejectable Indications.
500010	IVVI-001	VESSEL TO SHROUD ANNULUS surfaces	B-N-1	B13.10	VT	Accept	Examination Performed by Framatome with Three small items of FME, appears to be a small plastic ball were located at the base of JP10. Item removed prior to restart. Ref. INF-2004-002, Notification # 20211638.
500080	IVVI-008-VIP (BB1/BB2)	JET PMP #1 HOLD-DOWN BEAM & RESTRAINER (A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500081	IVVI-008 A-VIP (IN4)	JET PMP #1 INLET MIXER CONNECTION	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500082	IVVI-008 B-VIP (MX2)	JET PMP #1 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500083	IVVI-008 C-VIP (DF1)	JET PMP #1 DIFFUSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500084	IVVI-008 D-VIP (DF2)	JET PMP #1 DIFFUSER SHELL TO TAIL PIPE W	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500085	IVVI-008 E-VIP (AD1)	JET PMP #1 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
500086	IVVI-008 F-VIP (AD2)	JET PMP #1 ADAPTER BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500100	IVVI-010	JET PMP 1 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Lower brket to diffuser not accessible due to Riser interference. No Exam Shroud Side due to Proximity of Shroud.
500120	IVVI-012-VIP (BB1/BB2)	JET PMP #2 HOLD-DOWN BEAM & RESTRAINER(B	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500121	IVVI-012A-VIP (IN4)	JET PMP #2 INLET MIXER CONNECTION	A-E	VIP 41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500122	IVVI-012B-VIP (MX2)	JET PMP #2 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500123	IVVI-012C-VIP (DF1)	JET PMP #2 DIFFUSER COLLAR TO DIFFUSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500124	IVVI-012D-VIP (DF2)	JET PMP #2 DIFFUSER SHELL TO TAIL PIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 25 % due to proximity of the Shroud, LPCI and RPV wall.
500125	IVVI-012E-VIP (AD1)	JET PMP #2 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 20 % due to proximity of the Shroud, LPCI and RPV wall.
500126	IVVI-012F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500140	IVVI-014	JET PMP 2 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500156	IVVI-015B-VIP (RS6/RS7)	JET PMP #1 & #2 RISER PIPE TO RESTRAINER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of shroud. Bottom side of RS-6 - Relooked an area of Interest. (Disk 13) Area of Interest is start stop point - not relevant.
500170	IVVI-017-VIP (BB1/BB2)	JET PMP #3 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500171	IVVI-017A-VIP (IN4)	JET PMP #3 INLET MIXER CONNECTION	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500172	IVVI-017B-VIP (MX2)	JET PMP #3 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500173	IVVI-017C-VIP (DF1)	JET PMP #3 DIFFUSER COLLAR TO DIFFUSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500174	IVVI-017D-VIP (DF2)	JET PMP #3 DIFFUSER SHELL TO TAIL PIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500175	IVVI-017E-VIP (AD1)	JET PMP #3 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500176	IVVI-017F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500190	IVVI-019	JET PMP 3 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500210	IVVI-021-VIP (BB1/BB2)	JET PMP #4 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
500211	IVVI-021A-VIP (IN4)	JET PMP #4 INLET MIXER TO CONNECTION	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500212	IVVI-021B-VIP (MX2)	JET PMP #4 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500213	IVVI-021C-VIP (DF1)	JET PMP #4 DIFUSSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500214	IVVI-021D-VIP (DF2)	JET PMP #4 DIFUSSER SHELL TO TAILPIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500215	IVVI-021E-VIP (AD1)	JET PMP #4 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500216	IVVI-021F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500230	IVVI-023	JET PMP 4 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500246	IVVI-024B-VIP (RS6/RS7)	JET PMP #3 & #4 RISER PIPE TO RESTRAINER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud. (25) (28)
500260	IVVI-026-VIP (BB1/BB2)	JET PMP #5 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500261	IVVI-026A-VIP (IN4)	JET PMP #5 INLET MIXER CONNECTION	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500262	IVVI-026B-VIP (MX2)	JET PMP #5 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500263	IVVI-026C-VIP (DF1)	JET PMP #5 DIFFUSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500264	IVVI-026D-VIP (DF2)	JET PMP #5 DIFFUSER SHELL TO TAILPIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500265	IVVI-026E-VIP (AD1)	JET PMP #5 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500266	IVVI-026F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 35 % due to proximity of the Shroud and RPV wall.
500280	IVVI-028	JET PMP 5 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500300	IVVI-030-VIP (BB1/BB2)	JET PMP #6 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500301	IVVI-030A-VIP (IN4)	JET PMP #6 INLET MIXER CONNECTION	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500302	IVVI-030B-VIP (MX2)	JET PMP #6 BARREL TO ADAPTER WELD	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500303	IVVI-030C-VIP (DF1)	JET PMP #6 DIFUSSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500304	IVVI-030D-VIP (DF2)	JET PMP #6 DIFUSSER SHELL TO TAILPIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud, Sensing lines and RPV wall.
500305	IVVI-030E-VIP (AD1)	JET PMP #6 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Slm#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
500306	IVVI-030F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.
500320	IVVI-032	JET PMP 6 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500336	IVVI-033B-VIP (RS6/RS7)	JET PMP #5 & #6 RISER PIPE TO RESTRAINER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud.
500350	IVVI-035-VIP (BB1/BB2)	JET PMP #7 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500351	IVVI-035A-VIP (IN4)	JET PMP #7 INLET MIXER CONNECTION (IN4)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500352	IVVI-035B-VIP (MX2)	JET PMP #7 BARREL TO ADAPTER WELD (MX2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500353	IVVI-035C-VIP (DF1)	JET PMP #7 DIFUSSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500354	IVVI-035D-VIP (DF2)	JET PMP #7 DIFFUSER SHELL TO TAILPIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.
500355	IVVI-035E-VIP (AD1)	JET PMP #7 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.
500356	IVVI-035F-VIP (AD2)	BOTTOM TO SCHROUD SUP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.
500370	IVVI-037	JET PMP 7 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500390	IVVI-039-VIP (BB1/BB2)	JET PMP #8 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500391	IVVI-039A-VIP (IN4)	JET PMP #8 INLET MIXER CONNECTION (IN4)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500392	IVVI-039B-VIP (MX2)	JET PMP #8 BARREL TO ADAPTER WELD (MX2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500393	IVVI-039C-VIP (DF1)	JET PMP #8 DIFUSSER COLLAR TO DIFUSSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500394	IVVI-039D-VIP (DF2)	JET PMP #8 DIFUSSER SHELL TO TAILPIPE (D)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500395	IVVI-039E-VIP (AD1)	JET PMP #8 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500396	IVVI-039F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500410	IVVI-041	JET PMP 8 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud. Includes Repair clamp on lower brket.
500415	IVVI-041A	JET PMP 8 Sensing Line Clamp	A-E	VII	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Includes repair clamp on lower brket
500426	IVVI-042B-VIP (RS6/RS7)	JET PMP #7 & #8 RISER PIPE TO RESTRAINER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, LPCI and RPV wall.
500440	IVVI-044-VIP (BB1/BB2)	JET PMP #9 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
500441	IVVI-044A-VIP (IN4)	JET PMP #9 INLET MIXER CONNECTION (IN4)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 45 % due to proximity of the Shroud and RPV wall.
500442	IVVI-044B-VIP (MX2)	JET PMP #9 BARREL TO ADAPTER WELD (MX2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 45 % due to proximity of the Shroud and RPV wall.
500443	IVVI-044C-VIP (DF1)	JET PMP #9 DIFFUSER COLLAR TO DIFFUSER S	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30 % due to proximity of the Shroud, Sensing lines and RPV wall.
500444	IVVI-044D-VIP (DF2)	JET PMP #9 DIFFUSER SHELL TO TAILPIPE WE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500445	IVVI-044E-VIP (AD1)	JET PMP #9 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500446	IVVI-044F-VIP (AD2)	BOTTOM TO SHROUD SUPP	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500460	IVVI-046	JET PMP 9 INST LINE SUPRT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud. Includes Repair clamp on lower brket.
500465	IVVI-046A	JET PMP 9 Sensing Line Clamp	A-E	VII	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Includes repair clamp on lower brket
500480	IVVI-048-VIP (BB1/BB2)	JET PMP #10 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500481	IVVI-048A-VIP (IN4)	JET PMP #10 INLET MIXER CONNECTION (IN4)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500482	IVVI-048B-VIP (MX2)	JET PMP #10 BARREL TO ADAPTER WELD (MX2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500483	IVVI-048C-VIP (DF1)	JET PMP #10 DIFUSSER COLLAR TO DIFFUSER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500484	IVVI-048D-VIP (DF2)	JET PMP #10 DIFFUSER SHELL TO TAILPIPE	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud, Sensing lines and RPV wall.
500485	IVVI-048E-VIP (AD1)	JET PMP #10 ADAPTER TOP TO ADAPTER BOTTOM	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500486	IVVI-048F-VIP (AD2)	JET PMP #10 ADAPTER BOTTOM TO SHROUD PLA	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud and RPV wall.
500500	IVVI-050	JET PMP 10 INST LINE SUPT BRKET & WELD	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. No Exam Shroud Side due to Proximity of Shroud.
500516	IVVI-051B-VIP (RB6/RB7)	JET PMP #9 & #10 RISER PIPE TO RESTRAINT	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud. Examined Bottom of Restrainer Brket weld.
500530	IVVI-053-VIP (BB1/BB2)	JET PMP #11 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500570	IVVI-057-VIP (BB1/BB2)	JET PMP #12 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500620	IVVI-062-VIP (BB1/BB2)	JET PMP #13 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500660	IVVI-066-VIP (BB1/BB2)	JET PMP #14 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
500710	IVVI-071-VIP (BB1/BB2)	JET PMP #15 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500750	IVVI-075-VIP (BB1/BB2)	JET PMP #16 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500800	IVVI-080-VIP (BB1/BB2)	JET PMP #17 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500840	IVVI-084-VIP (BB1/BB2)	JET PMP #18 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500890	IVVI-089-VIP (BB1/BB2)	JET PMP #19 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
500930	IVVI-093-VIP (BB1/BB2)	JET PMP #20 HOLD-DOWN BEAM & RESTRAINER	A-E	VIP-41	UT	Accept	Examination Performed by Framatome with No Recordable Indications.
501055	IVVI-105A-VIP	N5A CORE SPRAY TEE BOX WELD A-P1	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome Inaccessible, examinations limited to adjacent surfaces on the top and bottom of the Tee Box. Inaccessible, examinations limited to adjacent surfaces on the top and bottom of the Tee Box.
501056	IVVI-105B-VIP	N5A CORE SPRAY TEE BOX WELD A-P2	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501057	IVVI-105C-VIP	N5A CORE SPRAY TEE BOX WELD A-P3	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501062	IVVI-106B-VIP	LEG -A- CORE SPRAY DOWNCOMER WELD A-P5	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501063	IVVI-106C-VIP	LEG -A- CORE SPRAY DOWNCOMER WELD A-P6	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501064	IVVI-106D-VIP	LEG -A- CORE SPRAY DOWNCOMER WELD A-P7	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the Shroud and RPV wall.
501067	IVVI-106G-VIP	LEG -A- CORE SPRAY DOWNCOMER WELD A-P8A	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 70% due to proximity of the Shroud.
501068	IVVI-106H-VIP	LEG -A- CORE SPRAY DOWNCOMER WELD A-P8B	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of the Shroud.
501075	IVVI-107A-VIP	N5A CORE SPRAY TEE BOX WELD C-P3	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501082	IVVI-108B-VIP	LEG -C- CORE SPRAY DOWNCOMER WELD C-P5	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501083	IVVI-108C-VIP	LEG -C- CORE SPRAY DOWNCOMER WELD C-P6	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501084	IVVI-108D-VIP	LEG -C- CORE SPRAY DOWNCOMER WELD C-P7	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the Shroud and RPV wall.
501087	IVVI-108G-VIP	DOWNCOMER WELD C-P8A	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 70% due to proximity of the Shroud.
501088	IVVI-108H-VIP	DOWNCOMER WELD C-P8B	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of the Shroud.
501091	IVVI-109B-VIP	-A- SPARGER END CAP (AS4-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of Shroud wall, brket and sparger above.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501092	IVVI-109C-VIP	-A- SPARGER END CAP (AS4-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger above.
501093	IVVI-109D-VIP	-A- SPARGER T-BOX (AS2-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 35% due to proximity of Shroud wall, nozzles and sparger above.
501094	IVVI-109E-VIP	-A- SPARGER T-BOX (AS2-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger above.
501095	IVVI-109F-VIP	-A- SPARGER T-BOX COVER PLATE (AS1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 75% due to proximity of Shroud wall and Top Guide below.
501096	IVVI-109G-VIP	-B- SPARGER END CAP (BS4-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of Shroud wall, brket and sparger below.
501097	IVVI-109H-VIP	-B- SPARGER END CAP (BS4-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of Shroud, nozzles and sparger below.
501093	IVVI-109I-VIP	-B- SPARGER T-BOX (BS2-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger below.
501099	IVVI-109J-VIP	-B- SPARGER T-BOX (BS2-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger below.
501100	IVVI-109K-VIP	-B- SPARGER T-BOX COVER PLATE (BS1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 95% due to proximity of Shroud and nozzles below.
501101	IVVI-109L-VIP	-A- SPARGER NOZZLE ASSEMBLIES (AS3)	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501115	IVVI-111A-VIP	CORE SPRAY PIPING BRKET 165 DEG.	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501145	IVVI-114A-VIP	N5B CORE SPRAY TEE BOX WELD B-P1	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome inaccessible, examinations limited to adjacent surfaces on the top and bottom of the Tee Box. Inaccessible, examinations limited to adjacent surfaces on the top and bottom of the Tee Box.
501146	IVVI-114B-VIP	N5B CORE SPRAY TEE BOX WELD B-P2	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501147	IVVI-114C-VIP	N5B CORE SPRAY TEE BOX WELD B-P3	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501148	IVVI-114D-VIP	LEG -B- CORE SPRAY PIPING WELD B-P4A	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501151	IVVI-115A-VIP	LEG -B- CORE SPRAY PIPING WELD B-P4B	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501152	IVVI-115B-VIP	LEG -B- CORE SPRAY DOWNCOMER WELD B-P5	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501153	IVVI-115C-VIP	LEG -B- CORE SPRAY DOWNCOMER WELD B-P6	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501154	IVVI-115D-VIP	LEG -B- CORE SPRAY DOWNCOMER WELD B-P7	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of the Steam Dam and RPV wall.
501155	IVVI-115E-VIP	DOWNCOMER WELD B-P4C	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of the Shroud and RPV wall.
501156	IVVI-115F-VIP	DOWNCOMER WELD B-P4D	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of the Shroud.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501157	IVVI-115G-VIP	LEG -B- CORE SPRAY DOWNCOMER WELD B-P8A	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 70% due to proximity of the Lug and Shroud.
501158	IVVI-115H-VIP	LEG -B- CORE SPRAY DOWNCOMER WELD B-P8B	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of the Lug and Shroud.
501165	IVVI-116A-VIP	N5B CORE SPRAY TEE BOX WELD D-P3	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 60% due to proximity of the RPV wall.
501172	IVVI-117B-VIP	LEG -D- CORE SPRAY DOWNCOMER WELD D-P5	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501173	IVVI-117C-VIP	LEG -D- CORE SPRAY DOWNCOMER WELD D-P6	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of the RPV wall.
501174	IVVI-117D-VIP	LEG -D- CORE SPRAY DOWNCOMER WELD D-P7	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of the Steam Dam and RPV wall.
501177	IVVI-117G-VIP	LEG -D- CORE SPRAY DOWNCOMER WELD D-P8A	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 70% due to proximity of the Lug and Shroud.
501178	IVVI-117H-VIP	LEG -D- CORE SPRAY DOWNCOMER WELD D-P8B	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of the Lug and Shroud.
501181	IVVI-118B-VIP	-C- SPARGER END CAP (CS4-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of Shroud wall, brket and sparger above.
501182	IVVI-118C-VIP	-C- SPARGER END CAP (CS4-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger above.
501183	IVVI-118D-VIP	-C- SPARGER T-BOX (CS2-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 20% due to proximity of Shroud wall, nozzles and sparger above.
501184	IVVI-118E-VIP	-C- SPARGER T-BOX (CS2-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 20% due to proximity of Shroud wall, nozzles and sparger above.
501185	IVVI-118F-VIP	-C- SPARGER T-BOX COVER PLATE (CS1-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 70% due to proximity of Shroud and nozzles above.
501186	IVVI-118G-VIP	-D- SPARGER END CAP (DS4-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50% due to proximity of Shroud wall, nozzles and sparger below.
501187	IVVI-118H-VIP	-D- SPARGER END CAP (DS4-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40% due to proximity of Shroud wall, nozzles and sparger below.
501188	IVVI-118I-VIP	-D- SPARGER T-BOX (DS2-1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 30% due to proximity of Shroud wall, nozzles and sparger below.
501189	IVVI-118J-VIP	-D- SPARGER T-BOX (DS2-2)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 35% due to proximity of Shroud wall, nozzles and sparger below.
501190	IVVI-118K-VIP	-D- SPARGER T-BOX COVER PLATE (DS1)	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 95% due to proximity of Shroud and nozzles below.
501192	IVVI-118M-VIP	-D- SPARGER NOZZLE ASSEMBLY (DS3)	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501195	IVVI-119A-VIP	CORE SPRAY PIPING BRKET 195 DEG.	A-E	VIP-18	EVT1	Accept	Examination Performed by Framatome Previous Ind: Lower Tk weld on upper bolt is crked. No apparent change from previous outages. Ref. notification # 990301299 Previous Ind: Lower Tk weld on upper bolt is crked. No apparent change from previous outages. Ref. Notification # 990301299
501230	IVVI-123	FEEDWATER SPARGER (N4A) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined accessible Inner Blend Radius areas of nozzle.
501235	IVVI-123A	FEEDWATER SPARGER (N4A)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501240	IVVI-124	N4A SPARGER BRKET (5 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. No audio on disk.
501241	IVVI-124A-VIP	N4A SPARGER BRKET (5 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501250	IVVI-125	N4A SPARGER BRKET (55 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501251	IVVI-125A-VIP	N4A SPARGER BRKET (55 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501260	IVVI-126	FEEDWATER SPARGER (N4B) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined accessible Inner Blend Radius areas of nozzle.
501265	IVVI-126A	FEEDWATER SPARGER (N4B)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501270	IVVI-127	N4B SPARGER BRKET (65 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501271	IVVI-127A-VIP	N4B SPARGER BRKET (65 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501280	IVVI-128	N4B SPARGER BRKET (115 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome Examined End Brket assembly. Debris (appears to be plastic ball on brket) Reported on INF 2004-02. Ref. Notification #20212271. Removed prior to restart. Examined End Brket assembly. Debris (appears to be plastic ball on brket) Reported on INF 2004-02. Ref. Notification #20212271. Removed prior to restart.
501281	IVVI-128A-VIP	N4B SPARGER BRKET (115 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501290	IVVI-129	FEEDWATER SPARGER (N4C) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined accessible Inner Blend Radius areas of nozzle.
501295	IVVI-129A	FEEDWATER SPARGER (N4C)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501300	IVVI-130	N4C SPARGER BRKET (125 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501301	IVVI-130A-VIP	N4C SPARGER BRKET (125 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome Examination limited to 90% due to FW Sparger End Brket Interference. Dent on upper right side appears to have been there for some time. Examination limited to 90% due to FW Sparger End Brket Interference. Dent on upper right side appears to have been there for some time.
501310	IVVI-131	N4C SPARGER BRKET (175 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501311	IVVI-131A-VIP	N4C SPARGER BRKET (175 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501320	IVVI-132	FEEDWATER SPARGER (N4D) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examine accessible Inner Blend Radius areas of nozzle
501325	IVVI-132A	FEEDWATER SPARGER (N4D)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501330	IVVI-133	N4D SPARGER BRKET (185 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501331	IVVI-133A-VIP	N4D SPARGER BRKET (185 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501340	IVVI-134	N4D SPARGER BRKET (235 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501341	IVVI-134A-VIP	N4D SPARGER BRKET (235 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to FW Sparger End Brket Interference.
501350	IVVI-135	FEEDWATER SPARGER (N4E) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome Examined accessible Inner Blend Radius areas of nozzle. Char. Gen. mistakenly says "D" Sparger. Should be "E"
501355	IVVI-135A	FEEDWATER SPARGER (N4E)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501360	IVVI-136	N4E SPARGER BRKET (245 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501361	IVVI-136A-VIP	N4E SPARGER BRKET (245 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. 75% coverage. Examination limited due to FW Sparger End Brket Interference.
501370	IVVI-137	N4E SPARGER BRKET (295 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined End Brket assembly
501371	IVVI-137A-VIP	N4E SPARGER BRKET (295 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. 75% coverage. Examination limited due to FW Sparger End Brket Interference.
501380	IVVI-138	FEEDWATER SPARGER (N4F) BLEND RADIUS	B-N-1	B13.10	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined accessible Inner Blend Radius areas of nozzle.
501385	IVVI-138A	FEEDWATER SPARGER (N4F)	A-E	NR 0619	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
501390	IVVI-139	N4F SPARGER BRKET (305 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501391	IVVI-139A-VIP	N4F SPARGER BRKET (305 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. 70% coverage. Examination limited due to FW Sparger End Brket Interference.
501400	IVVI-140	N4F SPARGER BRKET (355 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501401	IVVI-140A-VIP	N4F SPARGER BRKET (355 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. 50% coverage. Examination limited due to FW Sparger End Brket and Guide Rod Interference.
501560	IVVI-156	GUIDE ROD & ROD FLANGE (0 DEG.)	A-E	VII	VT-3	Accept	Examination Performed by Framatome Numerous Scratches on 270 side. Numerous Scratches on 270 side.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501580	IVVI-158	GUIDE ROD & ROD FLANGE (180 DEG.)	A-E	VII	VT-3	Accept	Examination Performed by Framatome ~3" long deep scrape mark about half way down on the South side of the Guide Rod.NL Ref. #20080262 . ~3" long deep scrape mark about half way down on the South side of the Guide Rod.NL Ref. Notification #20080262 .
501600	IVVI-160	STEAM DRYER ASSY WELDS, surfaces & LUGS	A-E	VII	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Examined all accessible Dryer bank surfaces and assembly welds and Tie Bars from the top.
501605	IVVI160E	Steam Dryer Lifting Lug Bre at 220°	A-E	VII	EVT1	Accept	Examination Performed by Framatome 220 deg. Lifting Lug Strap to Dryer bank has been removed. Examined lifting lug to verify integrity and document existing condition. 220 deg. Lifting Lug Strap to Dryer bank has been removed. Examined lifting lug to verify integrity and document existing condition.
501610	IVVI-161	STM DRYER SUPPORT BRKT TO RPV (4 DEG.)	B-N-2	B13.30	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501615	IVVI-161A-VIP	STM DRYER SUPPORT BRKT TO RPV (4 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501620	IVVI-162	STM DRYER SUPPORT BRKT TO RPV (94 DEG.)	B-N-2	B13.30	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501625	IVVI-162A-VIP	STM DRYER SUPPORT BRKT TO RPV (94 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501630	IVVI-163	STM DRYER SUPPORT BRKT TO RPV (184 DEG.)	B-N-2	B13.30	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501635	IVVI-163A-VIP	STM DRYER SUPPORT BRKT TO RPV (184 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501640	IVVI-164	STM DRYER SUPPORT BRKT TO RPV (274 DEG.)	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501645	IVVI-164A-VIP	STM DRYER SUPPORT BRKT TO RPV (274 DEG.)	A-E	VIP-48	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications.
501690	IVVI-169	SHROUD HEAD/SEPARATOR ASSY WELDS & SURF.	A-E	VII	VT-3	Accept	Examination Performed by Framatome Examined accessible areas and surfaces of the top of the Steam Separator. Started with row 1 on 90° side and ended on 270° side. Small dent noted on 5th Stand Pipe from 0 row 14. Examined accessible areas and surfaces of the top of the Steam Separator. Started with row 1 on 90° side and ended on 270° side. Small dent noted on 5th Stand Pipe from 0 row 14.
501700	IVVI-170	SHROUD HEAD BOLTS	A-E	VII	VT-3	Accept	Examination Performed by Framatome Rub mark noted on alignment bolt at 0. appears to be associated with normal actuation of the component. SHB # 39 is installed 180 deg. out, hiding the lower housing pin. Rub mark noted on alignment bolt at 0. appears to be associated with normal actuation of the component. SHB # 39 is installed 180 deg. out, hiding the lower housing pin.
501830	IVVI-183	CONTROL ROD DRIVE ASSEMBLIES	B-N-2	B13.30	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications. Vacuumed & examined bottom of Guide Tube for debris and Uncoupling Pin position.
501832	IVVI-183A-VIP	CRD GUIDE TUBE LUG & PIN CRGT-1 ARPIN-1	A-E	VIP-47	VT-3	Accept	Examination Performed by Framatome with No Recordable Indications.
501834	IVVI-183B-VIP	CRD GUIDE TUBE BODY-TO-SLEEVE (CRGT-2)	A-E	VIP-47	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to the accessible interior surfaces of Guide Tube.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
501836	IVVI-183C-VIP	CRD GUIDE TUBE BASE TO BODY (CRGT-3)	A-E	VIP-47	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to the accessible interior surfaces of Guide Tube.
502010	IVVI-201	STEAM DRYER SUPPORT RING	A-E	LETTER	VT-1	Accept	Examination Performed by Framatome Previous Data: 3/4" long crk Indication bottom of plate weld below seismic Dryer Support Brket. See INR #2001-02 NL # 20000594. RFO-11 data indicates no change. RF-12 Indicates no change. Previous Data: Linear Crk like Indication Observe
502020	IVVI-202	STEAM DRYER DRAIN CHANNEL WELDS	A-E	SIL 474	VT-1	Accept	Examination Performed by Framatome Non relevant indication 2.5' below Sup. Ring evaluated to be Nonrelevant Scrape. Non relevant indication 2.5' below Sup. Ring evaluated to be Nonrelevant Scrape.
502055	IVVI-205A-VIP	CS SPARGER BRKT 40, 45 & 50 DEG. A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome Examination limited to 90% due to proximity of nozzles. Rub mark on sparger indicates minor movement - Ref. INF 2004-03, Notification # 20212272. Examination limited to 90% due to proximity of nozzles. Rub mark on sparger indicates minor movement - Ref. INF 2004-03, Notification # 20212272.
502065	IVVI-206A-VIP	CS SPARGER BRKET 93 DEG. C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome Examination limited to 90% due to proximity of nozzles and Top Guide below. Rub mark between upper Sparger and top and middle brket indicates minor sparger movement. Ref. INF 2004-03, Notification # 20212272. Examination limited to 90% due to proximity of nozzles and Top Guide below. Rub mark between upper Sparger and top and middle brket indicates minor sparger movement. Ref. INF 2004-03, Notification # 20212272.
502075	IVVI-207A-VIP	CS SPARGER BRKET 267 DEG. C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of nozzles and Top Guide below.
502085	IVVI-208A-VIP	CS SPRGR BRKT 300, 315 & 320 DEG A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% on lower brket due to proximity of nozzles. Right side weld bead on lower brket is not full length.
502095	IVVI-209A-VIP	CS SPARGER BRKET 190 DEG. C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% on lower brket due to proximity of nozzles and Top Guide below. Brkets located on the Top of the upper sparger and below the lower sparger
502105	IVVI-210A-VIP	CS SPARGER BRKET 350 DEG. A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% on lower brket due to proximity of nozzles and Top Guide below. Brkets located on the Top of the upper sparger and below the lower sparger
502115	IVVI-211A-VIP	CS SPARGER BRKET 10 DEG. A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome Examination limited to 90% due to proximity of Tee-Box and Top Guide below. Rub mark on sparger indicates minor movement - Ref. INF 2004-03, Notification # 20212272. Examination limited to 90% due to proximity of Tee Box and Top Guide below. Rub mark on sparger indicates minor movement - Ref. INF 2004-03, Notification # 20212272.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
502125	IVVI-212A-VIP	CS SPARGER BRKET 170 DEG. C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome Examination limited to 90% due to proximity of Tee-Box and Top Guide below. Rub mark on sparger indicates minor movement - Ref. INF 2004-03, Notification # 20212272.
502135	IVVI-213A-VIP	CS SPRGR BRKT 220, 225 & 230 DEG C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of nozzles and Top Guide below.
502145	IVVI-214A-VIP	CS SPARGER BRKET 273 DEG A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 80% due to proximity of nozzles and Top Guide below.
502155	IVVI-215A-VIP	CS SPARGER BRKET 87 DEG A&B	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90% due to proximity of nozzles and Top Guide below.
502165	IVVI-216A-VIP	CS SPRGR BRKT 130, 135 & 140 DEG C&D	A-E	VIP-18	VT-1	Accept	Examination Performed by Framatome Upper portion of brket on title 17 is mislabeled as 130°. Examination limited to 90% due to proximity of adjacent nozzles. Rub mark between upper Sparger and top and middle brket indicates minor sparger movement. Ref. INF 2004-03, Notification # 20
502170	IVVI-217A-VIP (RS-1)	THERMAL SLEEVE TO WELD RISER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 75 % due to proximity of the Riser and RPV wall.
502171	IVVI-240-VIP (RS2)	JET PUMP 1 & 2 EL TO RISER (RS2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud.
502175	IVVI-217B-VIP (RS-1)	THERMAL SLEEVE TO EL. WELD RISER	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 90 % due to proximity of the Riser and RPV wall.
502176	IVVI-243-VIP (RS2)	JET PUMP 3 & 4 EL TO RISER (RS-2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 50 % due to proximity of the Riser and RPV wall.
502180	IVVI-217C-VIP (RS1)	THERMAL SLEEVE TO EL. WELD RISER .	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Riser and RPV wall. Ref. JP 5 for remainder of exam.
502181	IVVI-246-VIP (RS2)	JET PUMP 5 & 6 EL RISER (RS2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome Examination limited to 40 % due to proximity of the Shroud. Incorrectly labeled and voiced as RS-1. Ref. JP 6 for remainder of exam. Examination limited to 40 % due to proximity of the Shroud. Incorrectly labeled and voiced as RS-1. Ref. JP 6 for remainder of exam.
502186	IVVI-249-VIP (RS2)	JET PUMP 7 & 8 EL TO RISER (RS2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 20 % due to proximity of the Shroud. Ref. JP 7 for remainder of exam.
502191	IVVI-252-VIP (RS2)	JET PUMP 9 & 10 EL TO RISER (RS2)	A-E	VIP-41	EVT1	Accept	Examination Performed by Framatome with No Recordable Indications. Examination limited to 40 % due to proximity of the Shroud.
502400	IVVI-238-A-HS3	Steam Dryer Outer Hood Welds at Stiffener Bank "A" HS3	A-E	VII	VT-1	Accept	Examination Performed by Framatome Non relevant indication on right side of weld ~ 3' from top determined to be undercut with dark crud. Non relevant indication on right side of weld ~ 3' from top determined to be undercut with dark crud.
502410	IVVI-239-A-HS4	Steam Dryer Outer Hood Welds at Stiffener Bank "A" HS4	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
502420	IVVI-240-F-HS3	Steam Dryer Outer Hood Welds at Stiffener Bank "F" HS3	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502430	IVVI-241-F-HS4	Steam Dryer Outer Hood Welds at Stiffener Bank "F" HS4	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502440	IVVI-242-A-SH1	Steam Dryer Outer Hood Welds at Top Bank "A" SH1	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502450	IVVI-243-F-SH1	Steam Dryer Outer Hood Welds at Top Bank "F" SH1	A-E	VII	VT-1	Accept	Examination Performed by Framatome Char. Gen. mislabeled as DOH-A-SH1. Char. Gen. mislabeled as DOH-A-SH1.
502460	IVVI-244-B-EP2-0	Steam Dryer Outlet Plenum End Plate Bank "B" EP2 0°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Disk 3 Title 3 () not complete final 1' of exam on Disk 12 title 5. (12 only)
502470	IVVI-245-B-EP2-180	Steam Dryer Outlet Plenum End Plate Bank "B" EP2 180°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Re-examination of entire weld.
502480	IVVI-246-C-EP1-0	Steam Dryer Outlet Plenum End Plate Bank "C" EP1 0°	A-E	VII	VT-1	Accept	Examination Performed by Framatome Crud line noted adjacent to edge of weld. Possible multiple beads entrapping additional crud. Crud line noted adjacent to edge of weld. Possible multiple beads entrapping additional crud.
502490	IVVI-247-C-EP1-180	Steam Dryer Outlet Plenum End Plate Bank "C" EP1 180°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502500	IVVI-248-D-EP1-0	Steam Dryer Outlet Plenum End Plate Bank "D" EP1 0°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502510	IVVI-249-D-EP1-180	Steam Dryer Outlet Plenum End Plate Bank "D" EP1 180°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications.
502520	IVVI-250-E-EP2-0	Steam Dryer Outlet Plenum End Plate Bank "E" EP2 0°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Disk 3 Title 4 () not complete final 1' of exam on Disk 12 title 6. (12 Only)
502530	IVVI-251-E-EP2-180	Steam Dryer Outlet Plenum End Plate Bank "E" EP2 180°	A-E	VII	VT-1	Accept	Examination Performed by Framatome with No Recordable Indications. Disk 2 Title 4 () not complete final 1' of exam on Disk 39 title 3. (39 Only)
605470	1-EA-1AP-502	SERVICE WATER PUMP	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
605500	1-EA-1BP-502	SERVICE WATER PUMP	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
605520	1-EA-1CF-509	STRAINER	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
605530	1-EA-1CP-502	SERVICE WATER PUMP	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
605660	1-EG-1BE-201	SS HEAT EXCHANGER	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
605730	1-GJ-1AK-403	CONTROL ROOM CHILLER	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
606210	1-KJ-1CE-405	DIESEL JKET WATER HEAT EXCHANGER	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
606240	1-KJ-1CT-406	LUBE OIL MAKEUP TANK	F-A	F1.40	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610670	1-AB030H001	DVSPRGTB18CA13440CB HA11512HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610730	1-AB031H012	VGUIDE	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610740	1-AB032H001	DVSPRGTB18CA13289CB HA11371HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610800	1-AB050H002	STRUT	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610860	1-AB050H013	VGUIDE	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
610910	1-AB050H018	VGUIDE	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
611650	1-AE035H011	SCSPRGTB33CA3617 CB HA3617 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
611710	1-AE035H024	DOUBLE STRUT	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
611970	1-AP021H001	DVSPRGTA11CA1857 CB HA1772 HB	F-A	F1.20-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612190	1-BB011H001	DVSPRGTB19CA16295CB HA18284HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612430	1-BB192H004	H&VGUIDE	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612490	1-BC003H001	DOUBLE HGUIDE	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612540	1-BC003H009	STRUT	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612550	1-BC003H011	DVSPRGTB11CA1439 CB HA1354 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612600	1-BC004H012	DOUBLE STRUT	F-A	F1.20-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612610	1-BC004H017	ANCHOR	F-A	F1.20-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612670	1-BC004H045	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612680	1-BC004H046	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612930	1-BC014H002	DCSPRGTB28CA2608 CB HA2608 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
612940	1-BC014H007	DVSPRGTF12CA2072 CB HA1988 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
613050	1-BC019H006	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613060	1-BC019H007	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613170	1-BC019H025	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613230	1-BC025H005	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613240	1-BC025H006	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613290	1-BC025H012	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613300	1-BC025H013	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613630	1-BC044H009	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613640	1-BC044H010	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
613660	1-BC044H012	ANCHOR	F-A	F1.20-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
614280	1-BC063H009	DVSPRGTBBS13CA2602 CB HA2227 HB	F-A	F1.20-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
614560	1-BC066H011	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
614570	1-BC066H012	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
614890	1-BC075H006	HGUIDE	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615160	1-BC088H023	VGUIDE	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615170	1-BC088H026	VGUIDE	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615430	1-BD003H005	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615850	1-BE008H001	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615910	1-BE008H017	DVSPRGTBBS13CA3269 CB HA3306 HB	F-A	F1.20-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
615960	1-BE008H023	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616420	1-BE023H006	DVSPRGTBBS13CA3112 CB HA2849 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616480	1-BE044H007	H&VGUIDE	F-A	F1.20-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
616730	1-BG001H004	DVSPRG TAS8 CA638 CB HA750 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616740	1-BG001H006	STRUT	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616750	1-BG001H010	DVSPRG TFS4 CA178 CB HA187 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616810	1-BG001H025	STRUT	F-A	F1.10-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
616930	1-BG002H001	VGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617060	1-BH011H001	SVSPRG TFS00CA46 CB HA36 HB	F-A	F1.10-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617062	1-BH011H004	H&VGUIDE	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617064	1-BH011H005	H&VGUIDE	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617290	1-BJ003H003	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617350	1-BJ003H009	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617470	1-BJ003H023	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617710	1-EA006H004	HGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617720	1-EA006H005	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617770	1-EA006H011	VGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617850	1-EA009H006	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
617900	1-EA009H011	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
618060	1-EA026H004	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620350	1-EG104H006	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620360	1-EG104H007	HGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620410	1-EG104H016	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620420	1-EG104H017	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620480	1-EG104H025	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
620530	1-EG104H031	HGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620540	1-EG104H034	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620590	1-EG104H039	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620600	1-EG104H040	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620660	1-EG104H047	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620780	1-EG104H061	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620830	1-EG105H002	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620840	1-EG105H003	HGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620890	1-EG105H008	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620900	1-EG105H009	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620950	1-EG105H015	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
620960	1-EG105H016	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621010	1-EG105H024	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621020	1-EG105H025	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621070	1-EG105H031	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621190	1-EG105H045	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621200	1-EG105H046	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621250	1-EG105H052	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621310	1-EG105H060	DOUBLE H&VGUIDE	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621320	1-EG105H061	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621610	1-EG107H024	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
621790	1-EG108H017	DVSPRGTF514CA2860 CB HA3460 HB	F-A	F1.30-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
622010	1-EG153H010	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
622310	1-EG153H040	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
622310	1-EG153H040	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
622320	1-EG153H041	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
622670	1-EG154H020	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
623220	1-EG155H011	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
623410	1-EG169H007	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
627290	1-EG325H010	VGUIDE	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
629560	1-FC004H008	ANCHOR	F-A	F1.20-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
629620	1-FC004H014	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630010	1-FD002H023	STRUT	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630040	1-FD004H001	DVSPRGTGS9 CA1180 CB1300W HA1130 HB1250W	F-A	F1.20-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630050	1-FD006H001	SVSPRGTBS12CA2270 CB HA2158 HB	F-A	F1.20-C	VT-3	Reject	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Notification# 20210445 was generated due to Scrapping marks and possible misalignment Hanger was evaluated under #70042341 and found to be within specifications.
630060	1-FD006H004	STRUT	F-A	F1.20-A	VT-3	Reject	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Notification# 20210440 was generated due to Misalignment. Hanger was evaluated under #70043519 and found to be within specifications.
630070	1-FD006H006	DOUBLE STRUT	F-A	F1.20-B	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630080	1-FD006H008	SVSPRGTBS13CA2560 CB HA2860 HB	F-A	F1.20-C	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630090	1-FD006H011	STRUT	F-A	F1.20-A	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630100	1-FD006H012	STRUT	F-A	F1.20-A	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
630110	1-FD006H013	STRUT	F-A	F1.20-A	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630120	1-FD006H014	STRUT	F-A	F1.20-A	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630130	1-FD006H017	STRUT	F-A	F1.20-A	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630140	1-FD006H019	DVSPRGTB13CA2620 CB2505 HA2470 HB2355	F-A	F1.20-C	VT-3	Accept	Examination added to RFO-12 outage as per engineering request as stated in notification# 20209944 Examination Satisfactory as documented in Notification# 20210440
630290	1-GJ003H053	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630300	1-GJ003H063	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630350	1-GJ003H068	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630410	1-GJ003H074	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630420	1-GJ003H075	STRUT	F-A	F1.30-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630530	1-GJ003H090	DOUBLE STRUT	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630610	1-GJ010H070	ANCHOR	F-A	F1.30-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
630720	1-GJ010H084	DVSPRGTB8 CA671 CB HA690 HB	F-A	F1.30-C	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
635640	1-FC003H019	RIGID RESTRAINT	F-A	F1.10-B	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
636020	1-AB021H001	BUMPER	F-A	F1.20-A	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
700000	SUPPRESSION CHAMBER	SUPPRESSION CHAMBER	A-E	TS4621D	VT	Accept	Examination Performed by PSEG Personnel with No Recordable Indications. Notification # 20208611 Lateral Restraint bolting rusted.
750000	VSL-HC-SUPRT-0000	TORUS SUPPORT COLUMNS	F-A	F1.40-J	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751000	VSL-HC-SUPRT-1000	VENT HEADER BRING & SUPPORTS	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751100	VSL-HC-SUPRT-1100	VENT HEADER & DOWNCOMER SUPPORTS	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751200	VSL-HC-SUPRT-1200	VENT HEADER SUPPORT COLUMN	F-A	F1.40-J	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751300	VSL-HC-SUPRT-1300	RING GIRDER STIFFNER BEAM - MITERED JOIN	F-A	F1.40-L	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

**Hope Creek Nuclear Generating Station
ISI Program Long Term Plan
RFO#12 ISI Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
751400	VSL-HC-SUPRT-1400	MITERED JOINT RING GIRDER & COLUMNS	F-A	F1.40-J	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751500	VSL-HC-SUPRT-1500	MID CYLINDER RING GIRDER & COLUMN	F-A	F1.40-J	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751600	VSL-HC-SUPRT-1600	TORUS - PENETRATION NOZZLE	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751700	VSL-HC-SUPRT-1700	TORUS - PIPING SUPPORTS	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751800	VSL-HC-SUPRT-1800	PENETRATION P208 STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
751900	VSL-HC-SUPRT-1900	PENETRATION P210 STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752000	VSL-HC-SUPRT-2000	PENETRATION P212A STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752100	VSL-HC-SUPRT-2100	PENETRATION P212B STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752200	VSL-HC-SUPRT-2200	PENETRATION P213A STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752300	VSL-HC-SUPRT-2300	PENETRATION P213B STIFFENING SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752400	VSL-HC-SUPRT-2400	PENETRATION J207 SUPPORT	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.
752700	VSL-HC-SUPRT-2700	TORUS - SPRAY HDR SUPPORTS - RING GIRDER	F-A	F1.40-K	VT-3	Accept	Examination Performed by PSEG Personnel with No Recordable Indications.

ENCLOSURE 4

(Pages - 7)

**Form OAR-1, Table 1
HOPE CREEK GENERATING STATION
RFO#12 IWE EXAMINATION RESULTS**

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
820300	BLT-HC-DRYWELL HEAD BOLTING	BOLTING - DRYWELL HEAD	E-A	E1.11	VT-1	Accept	Pre-Service VT-1 visual examination performed on 2 bolts heat #52202
827100	PEN-HC-P19	ACCESSIBLE SURFACE AREAS- PEN-P19	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking. No degradation noted. Approximately 3' of penetration visible.
827200	PEN-HC-P20	ACCESSIBLE SURFACE AREAS- PEN-P20	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. Approximately 3' of penetration visible. No degradation noted.
827800	PEN-HC-P25	ACCESSIBLE SURFACE AREAS- PEN-P25	E-A	E1.11	VT-G	*	Inaccessible, concrete. Fig. 090, Type C.
827900	PEN-HC-P26	ACCESSIBLE SURFACE AREAS- PEN-P26	E-A	E1.11	VT-G	*	Inaccessible, concrete, Fig. 090 Type C.
829540	PEN-HC-P32	ACCESSIBLE SURFACE AREAS- PEN-P32 SPARE	E-A	E1.11	VT-G	*	Inaccessible, concrete, Fig. 090 Type C.
831100	PEN-HC-J11	ACCESSIBLE SURFACE AREAS- PEN-J11	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
831200	PEN-HC-J12	ACCESSIBLE SURFACE AREAS- PEN-J12	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
831300	PEN-HC-J13	ACCESSIBLE SURFACE AREAS- PEN-J13	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
831400	PEN-HC-J14	ACCESSIBLE SURFACE AREAS- PEN-J14	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust, approximately 3' of penetration visible. No degradation noted.
831500	PEN-HC-J15	ACCESSIBLE SURFACE AREAS- PEN-J15	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
831600	PEN-HC-J16	ACCESSIBLE SURFACE AREAS- PEN-J16	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
831700	PEN-HC-J17	ACCESSIBLE SURFACE AREAS- PEN-J17	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
831800	PEN-HC-J18	ACCESSIBLE SURFACE AREAS- PEN-J18	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
831900	PEN-HC-J19	ACCESSIBLE SURFACE AREAS- PEN-J19	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
832000	PEN-HC-J20	ACCESSIBLE SURFACE AREAS- PEN-J20	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
832100	PEN-HC-J21	ACCESSIBLE SURFACE AREAS- PEN-J21	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
832200	PEN-HC-J22	ACCESSIBLE SURFACE AREAS- PEN-J22	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
832300	PEN-HC-J23	ACCESSIBLE SURFACE AREAS- PEN-J23	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. Approximately 3' of penetration visible. No degradation noted.
832400	PEN-HC-J24	ACCESSIBLE SURFACE AREAS- PEN-J24	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
832500	PEN-HC-J25	ACCESSIBLE SURFACE AREAS- PEN-J25	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
832600	PEN-HC-J26	ACCESSIBLE SURFACE AREAS- PEN-J26	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
832700	PEN-HC-J27	ACCESSIBLE SURFACE AREAS- PEN-J27	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
832800	PEN-HC-J28	ACCESSIBLE SURFACE AREAS- PEN-J28	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
832900	PEN-HC-J29	ACCESSIBLE SURFACE AREAS- PEN-J29	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833000	PEN-HC-J30	ACCESSIBLE SURFACE AREAS- PEN-J30	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833100	PEN-HC-J31	ACCESSIBLE SURFACE AREAS- PEN-J31	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833200	PEN-HC-J32	ACCESSIBLE SURFACE AREAS- PEN-J32	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
833300	PEN-HC-J33	ACCESSIBLE SURFACE AREAS- PEN-J33	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833400	PEN-HC-J34	ACCESSIBLE SURFACE AREAS- PEN-J34	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833500	PEN-HC-J35	ACCESSIBLE SURFACE AREAS- PEN-J35	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
833600	PEN-HC-J36	ACCESSIBLE SURFACE AREAS- PEN-J36	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
833700	PEN-HC-J37	ACCESSIBLE SURFACE AREAS- PEN-J37	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833800	PEN-HC-J38	ACCESSIBLE SURFACE AREAS- PEN-J38	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
833900	PEN-HC-J39	ACCESSIBLE SURFACE AREAS- PEN-J39	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust, approximately 3' of penetration visible. No degradation noted.
834000	PEN-HC-J40	ACCESSIBLE SURFACE AREAS- PEN-J40	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. No degradation noted. Approximately 3' of penetration visible.
838100	PEN-HC-P37A VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
838200	PEN-HC-P37B VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
838300	PEN-HC-P37C VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37C	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
838400	PEN-HC-P37D VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
838500	PEN-HC-P37E VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37E	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
838600	PEN-HC-P37F VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37F	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
838700	PEN-HC-P37G VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37G	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
838800	PEN-HC-P37H VENT LINE	ACCESSIBLE SURFACE AREAS- PEN-P37H	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
840100	VNT-HC-A VNT LN EXTERNAL SURF	VENT LINE A - 22 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
840200	VNT-HC-B VNT LN EXTERNAL SURF	VENT LINE B - 67 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
840300	VNT-HC-C VNT LN EXTERNAL SURF	VENT LINE C - 112 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
840400	VNT-HC-D VNT LN EXTERNAL SURF	VENT LINE D - 157 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
840500	VNT-HC-E VNT LN EXTERNAL SURF	VENT LINE E - 202 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
840600	VNT-HC-F VNT LN EXTERNAL SURF	VENT LINE F - 247 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
840700	VNT-HC-G VNT LN EXTERNAL SURF	VENT LINE G - 292 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
840800	VNT-HC-H VNT LN EXTERNAL SURF	VENT LINE H - 337 DEG BETWEEN DW & TORUS	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
850200	VSL-HC-SUPP CHMBR INT SURF	ACCESSIBLE INTERNAL TORUS SURFACES	E-A	E1.11	VT-G	Accept	No degradation noted on coated surfaces, notification 20140378 light to medium rust. Order NUCR 70030988 acceptable.
850300	VSL-HC-SUPP CHMBR WETTED SURF	SUBMERGED INTERNAL TORUS SURFACES	E-A	E1.12	VT-G	Accept	Underwater Examinations Performed by Underwater Construction Corporation
851100	PEN-HC-P201	ACCESSIBLE SURFACE AREAS- PEN-P201	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
851200	PEN-HC-P202	ACCESSIBLE SURFACE AREAS- PEN-P202	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
851300	PEN-HC-P203	ACCESSIBLE SURFACE AREAS- PEN-P203	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
851400	PEN-HC-P204	ACCESSIBLE SURFACE AREAS- PEN-P204	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
851500	PEN-HC-P205 SPARE	ACCESSIBLE SURFACE AREAS- PEN-P205	E-A	E1.11	VT-G	Accept	OD uncoated area light to dark rust, no scaling or flaking, no degradation noted. ID coated RF12.
851600	PEN-HC-P206 SPARE	ACCESSIBLE SURFACE AREAS- PEN-P206	E-A	E1.11	VT-G	Accept	OD uncoated area light to dark rust. No scaling or flaking. No degradation noted. ID coated RF12.
851700	PEN-HC-P207	ACCESSIBLE SURFACE AREAS- PEN-P207	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
851800	PEN-HC-P208	ACCESSIBLE SURFACE AREAS- PEN-P208	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
851900	PEN-HC-P209	ACCESSIBLE SURFACE AREAS- PEN-P209	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
852000	PEN-HC-P210	ACCESSIBLE SURFACE AREAS- PEN-P210	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
852100	PEN-HC-P211A	ACCESSIBLE SURFACE AREAS- PEN-P211A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
852200	PEN-HC-P211B	ACCESSIBLE SURFACE AREAS- PEN-P211B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
852300	PEN-HC-P211C	ACCESSIBLE SURFACE AREAS- PEN-P211C	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
852400	PEN-HC-P211D	ACCESSIBLE SURFACE AREAS- PEN-P211D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
852500	PEN-HC-P212A	ACCESSIBLE SURFACE AREAS- PEN-P212A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
852600	PEN-HC-P212B	ACCESSIBLE SURFACE AREAS- PEN-P212B	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
852700	PEN-HC-P213A	ACCESSIBLE SURFACE AREAS- PEN-P213A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
852800	PEN-HC-P213B	ACCESSIBLE SURFACE AREAS- PEN-P213B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
852900	PEN-HC-P214A	ACCESSIBLE SURFACE AREAS- PEN-P214A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
853000	PEN-HC-P214B	ACCESSIBLE SURFACE AREAS- PEN-P214B	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
853100	PEN-HC-P216A	ACCESSIBLE SURFACE AREAS- PEN-P216A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853200	PEN-HC-P216B	ACCESSIBLE SURFACE AREAS- PEN-P216B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853300	PEN-HC-P216C	ACCESSIBLE SURFACE AREAS- PEN-P216C	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853400	PEN-HC-P216D	ACCESSIBLE SURFACE AREAS- PEN-P216D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853500	PEN-HC-P217A	ACCESSIBLE SURFACE AREAS- PEN-P217A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
853600	PEN-HC-P217B	ACCESSIBLE SURFACE AREAS- PEN-P217B	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
853700	PEN-HC-P219	ACCESSIBLE SURFACE AREAS- PEN-P219	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
853750	PEN-HC-P220	ACCESSIBLE SURFACE AREAS- PEN-P220	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
853800	PEN-HC-P221A DRAIN COVER A	ACCESSIBLE SURFACE AREAS- PEN-P221A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853810	BLT-HC-P221A BOLTING	DRAIN COVER BOLTING PEN-P221A	E-A	E1.11	VT-G	Accept	8 - 3/4" dia. studs, 16 nuts, inspected inplace. No unacceptable flaws/wear noted.
853900	PEN-HC-P221B DRAIN COVER B	ACCESSIBLE SURFACE AREAS- PEN-P221B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
853910	BLT-HC-P221B BOLTING	DRAIN COVER BOLTING PEN-P221B	E-A	E1.11	VT-G	Accept	8 - 3/4" dia. studs, 16 nuts, inspected inplace. No unacceptable flaws/wear noted.
854000	PEN-HC-P221C DRAIN COVER C	ACCESSIBLE SURFACE AREAS- PEN-P221C	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
854010	BLT-HC-P221C BOLTING	DRAIN COVER BOLTING PEN-P221C	E-A	E1.11	VT-G	Accept	8 - 3/4" dia. studs, 16 nuts, inspected inplace. No unacceptable flaws/wear noted.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
854100	PEN-HC-P221D DRAIN COVER D	ACCESSIBLE SURFACE AREAS- PEN-P221D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
854110	BLT-HC-P221D BOLTING	DRAIN COVER BOLTING PEN-P221D	E-A	E1.11	VT-G	Accept	8 - 3/4" dia. studs, 16 nuts, inspected in place. No unacceptable flaws/wear noted.
854200	PEN-HC-P222	ACCESSIBLE SURFACE AREAS- PEN-P222	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
854300	PEN-HC-P223	ACCESSIBLE SURFACE AREAS- PEN-P223	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
854400	PEN-HC-P224 SPARE	ACCESSIBLE SURFACE AREAS- PEN-P224	E-A	E1.11	VT-G	Accept	Coated RF12, coating acceptable.
854500	PEN-HC-P226 SPARE	ACCESSIBLE SURFACE AREAS- PEN-P226	E-A	E1.11	VT-G	Accept	OD uncoated area light to dark rust, no scaling or flaking; no degradation noted, ID coated RF12.
854600	PEN-HC-P227	ACCESSIBLE SURFACE AREAS- PEN-P227	E-A	E1.11	VT-G	Accept	OD uncoated area light to dark rust. No scaling or flaking. No degradation noted.
854700	PEN-HC-P228	ACCESSIBLE SURFACE AREAS- PEN-P228	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
854800	PEN-HC-P229A VENT LINE A	ACCESSIBLE SURFACES- PEN-P229A & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
854900	PEN-HC-P229B VENT LINE B	ACCESSIBLE SURFACES- PEN-P229B & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855000	PEN-HC-P229C VENT LINE C	ACCESSIBLE SURFACES- PEN-P229C & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855100	PEN-HC-P229D VENT LINE D	ACCESSIBLE SURFACES- PEN-P229D & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855200	PEN-HC-P229E VENT LINE E	ACCESSIBLE SURFACES- PEN-P229E & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855300	PEN-HC-P229F VENT LINE F	ACCESSIBLE SURFACES- PEN-P229F & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855400	PEN-HC-P229G VENT LINE G	ACCESSIBLE SURFACES- PEN-P229G & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted. Bellows have protective cover, inaccessible.
855500	PEN-HC-P229H VENT LINE H	ACCESSIBLE SURFACES- PEN-P229H & BELLOWS	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted. Bellows have protective cover, inaccessible.
855600	PEN-HC-W201A	ACCESSIBLE SURFACE AREAS- PEN-W201A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
855700	PEN-HC-W201B	ACCESSIBLE SURFACE AREAS- PEN-W201B	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
855800	PEN-HC-W201C	ACCESSIBLE SURFACE AREAS- PEN-W201C	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
855900	PEN-HC-W201D	ACCESSIBLE SURFACE AREAS- PEN-W201D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking, no degradation noted.
856000	PEN-HC-W202A	ACCESSIBLE SURFACE AREAS- PEN-W202A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
856100	PEN-HC-W203A	ACCESSIBLE SURFACE AREAS- PEN-W203A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
856200	PEN-HC-J201	ACCESSIBLE SURFACE AREAS- PEN-J201	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, no scaling or flaking, no degradation noted.
856300	PEN-HC-J202	ACCESSIBLE SURFACE AREAS- PEN-J202	E-A	E1.11	VT-G	Accept	Uncoated area some light to dark rust. Approximately 3' of penetration visible. No degradation noted.
856400	PEN-HC-J203 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J203	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
856500	PEN-HC-J204 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J204	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
856600	PEN-HC-J205 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J205	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
856700	PEN-HC-J206	ACCESSIBLE SURFACE AREAS- PEN-J206	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
856800	PEN-HC-J207	ACCESSIBLE SURFACE AREAS- PEN-J207	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
856900	PEN-HC-J208	ACCESSIBLE SURFACE AREAS- PEN-J208	E-A	E1.11	VT-G	Accept	Uncoated area, some light to dark rust, approximately 3' of penetration visible, no degradation noted.
857000	PEN-HC-J209	ACCESSIBLE SURFACE AREAS- PEN-J209	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
857100	PEN-HC-J210	ACCESSIBLE SURFACE AREAS- PEN-J210	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
857200	PEN-HC-J211	ACCESSIBLE SURFACE AREAS- PEN-J211	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
857300	PEN-HC-J212	ACCESSIBLE SURFACE AREAS- PEN-J212	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
857400	PEN-HC-J213 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J213	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
857500	PEN-HC-J216 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J216	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
857600	PEN-HC-J217	ACCESSIBLE SURFACE AREAS- PEN-J217	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
857700	PEN-HC-J218 SPARE	ACCESSIBLE SURFACE AREAS- PEN-J218	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
857800	PEN-HC-J219	ACCESSIBLE SURFACE AREAS- PEN-J219	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
857900	PEN-HC-J220	ACCESSIBLE SURFACE AREAS- PEN-J220	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.

**Hope Creek Generating Station
ISI Program Long Term Plan
RFO-12 IWE Examination Results**

Sum#	Component ID	Description	ASME Category	ASME Item	NDE	Status	Comments
858000	PEN-HC-J221	ACCESSIBLE SURFACE AREAS- PEN-J221	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
858100	HCH-HC-C201A TORUS HATCH SURF	ACCESSIBLE SURFACE AREAS- HATCH C201A	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
858110	BLT-HC-C201A HATCH BOLTING	TORUS HATCH COVER BOLTING C201A	E-A	E1.11	VT-G	Accept	18 - 1 1/4" dia. bolts, 18 nuts, 36 washers inspected. No unacceptable flaws/wear noted.
858200	HCH-HC-C201B TORUS HATCH SURF	ACCESSIBLE SURFACE AREAS- HATCH C201B	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.
858210	BLT-HC-C201B HATCH BOLTING	TORUS HATCH COVER BOLTING C201B	E-A	E1.11	VT-G	Accept	18 - 1 1/4" dia bolts, 18 nuts, 36 washers, inspected. No unacceptable flaws/wear noted.
858300	HCH-HC-C201C TORUS HATCH SURF	ACCESSIBLE SURFACE AREAS- HATCH C201C	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
858310	BLT-HC-C201C HATCH BOLTING	TORUS HATCH COVER BOLTING C201C	E-A	E1.11	VT-G	Accept	18 - 1 1/4" dia bolts, 18 nuts, 36 washers, inspected inplace. No unacceptable flaws/wear noted.
858400	HCH-HC-C201D TORUS HATCH SURF	ACCESSIBLE SURFACE AREAS- HATCH C201D	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
858410	BLT-HC-C201D HATCH BOLTING	TORUS HATCH COVER BOLTING C201A	E-A	E1.11	VT-G	Accept	18 - 1 1/4" dia. bolts, 18 nuts, 36 washers, inspected inplace. No unacceptable flaws/wear noted.
858500	VSL-HC-SUPP-001	ACCESS EXT TORUS (054-080 /000-360 DEG)	E-A	E1.11	VT-G	Accept	Uncoated areas have light to medium rust, notification 20141327, NUCR 70031229 order closed with no action taken, previous identified condition still exists.
858700	VSL-HC-SUPP-002	ACCESS EXT TORUS (081-101 /000-090 DEG)	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust, no scaling or flaking, no degradation noted.
858705	VSL-HC-SUPP-002-AE-001	ARC STRIKE - TOP OF TORUS - 10 DEG.	E-C	E4.11	VT-G	Accept	No noted changes in existing arc strike by visual examination.
858900	VSL-HC-SUPP-003	ACCESS EXT TORUS (081-101 /091-180 DEG)	E-A	E1.11	VT-G	Accept	Uncoated area light to dark rust. No scaling or flaking. No degradation noted.
859100	VSL-HC-SUPP-004	ACCESS EXT TORUS (081-101 /181-270 DEG)	E-A	E1.11	VT-G	Accept	No noted growth in existing arc strike by visual examination.
859110	VSL-HC-SUPP-004-AE-001	ARC STRIKE - TDC OF TORUS 180 DEG.	E-C	E4.11	VT-G	Accept	No noted growth in existing arc strike by visual examination.
859111	VSL-HC-SUPP-004-AE-002	ARC STRIKE - TDC OF TORUS 201 DEG.	E-C	E4.11	VT-G	Accept	No noted changes in existing arc strike by visual examination.
859112	VSL-HC-SUPP-004-AE-003	ARC STRIKE - TDC OF TORUS 206 DEG.	E-C	E4.11	VT-G	Accept	No noted changes in existing arc strike by visual examination.
859113	VSL-HC-SUPP-004-AE-004	ARC STRIKE - TDC OF TORUS 225 DEG.	E-C	E4.11	VT-G	Accept	No noted changes in existing arc strike by visual examination.
859114	VSL-HC-SUPP-004-AE-005	ARC STRIKE - TDC OF TORUS 231 DEG.	E-C	E4.11	VT-G	Accept	No noted changes in existing arc strike by visual examination.
859300	VSL-HC-SUPP-005	ACCESS EXT TORUS (081-101 /271-360 DEG)	E-A	E1.11	VT-G	Accept	Uncoated area, light to dark rust. No scaling or flaking. No degradation noted.

ENCLOSURE 5

(Pages - 1)

**Form OAR-1, Table 1
HOPE CREEK GENERATING STATION
ISI LONG TERM PLAN INSERVICE INSPECTION
SUMMARY FOR SECOND INTERVAL**

Hope Creek Generating Station
ISI Program Long Term Plan
ISI Examination Summary For The Second Interval
ASME 1998 Code Edition - 2000 Addenda

Examination Category	Population	Total Required for Interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exam % Credited to Date for Interval	Remarks
			Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period		
B-A	40	35	3	9%	3	9%	3	8%	26%	See Note #1
B-D	68	68	18	26%	11	16%	25	37%	80%	See Note #2
B-E	3	3	0	0%	0	0%	0	0%	0%	See Note #1
B-F	29	29	11	38%	5	17%	0	0%	56%	See Note #4
B-G-1	10	8	2	25%	0	0%	0	0%	25%	See Note #1
B-G-2	108	17	3	18%	10	59%	0	0%	76%	
B-J	1199	302	109	36%	75	25%	0	0%	61%	See Note #4
B-K	61	11	3	27%	4	36%	3	27%	91%	
B-L-2	2	2	0	0%	0	0%	0	0%	0%	See Note#3 & Note #5
B-M-2	68	68	2	3%	1	1%	1	2%	6%	See Note#3 & Note #5
B-N-1	7	7	7	100%	0	0%	0	0%	100%	
B-N-2	67	67	0	0%	1	1%	16	24%	26%	See Note #1
B-O	1	1	0	0%	0	0%	0	0%	0%	See Note #1
B-P	1	1	1	100%	0	0%	0	0%	100%	
C-A	10	4	1	25%	3	75%	0	0%	100%	See Note #5
C-B	8	4	1	25%	2	50%	0	0%	75%	See Note #5
C-C	92	10	3	30%	3	30%	0	0%	60%	See Note #5
C-F-2	1333	93	35	38%	36	39%	0	0%	77%	See Note #4
C-G	52	6	2	33%	3	50%	0	0%	84%	See Note #5
C-H	42	42	40	96%	0	0%	0	0%	96%	
C-H/D-B	8	8	8	100%	0	0%	0	0%	100%	
D-A	312	42	12	29%	15	36%	14	33%	98%	
D-B	39	39	39	100%	0	0%	0	0%	100%	
F-A	2296	328	95	29%	106	32%	110	34%	95%	
R-A	2303	92	0	0%	0	0%	30	81%	81%	See Note #4

Notes

- | | |
|--|---|
| <p>1) Deferral Permissible
 B-A B-G-1
 B-E B-L-1
 B-N-2 B-O
 B-M-1 B-N-3</p> <p>2) Ref. Table IWB-2500-1, Exam Category B-D, Program (B) Note 2</p> <p>3) To be examined only if disassembled for maintenance, repair or volumetric examination.
 (Ref. Table IWB-2500-1, Category B-L-2 & B-M-2 Note 2)</p> | <p>4) Category R-A Risk Informed which replaces categories B-F, B-J, & C-F-2 was implemented 2-3-1 (RFO#12). Categories B-F, B-J, & C-F-2 percentage of exam completions are for the 1st & 2nd periods only. Thirty-seven (37) Category R-A exams are scheduled for the 3rd period of which thirty (30) have been completed. The percentage is for the 3rd period only.</p> <p>5) For Multiple Pumps, Valves, and Vessels of Similar Design, service, and function only one of the multiple components shall be selected for examination.</p> |
|--|---|

ENCLOSURE 6

(Pages - 1)

**Form OAR-1, Table 1
HOPE CREEK GENERATING STATION
IWE EXAMINATION SUMMARY FOR THE FIRST INTERVAL**

**Hope Creek Generating Station
ISI Program Long Term Plan
IWE Examination Summary for the First Interval**

ASEM 1998 Code Edition 1998 Addenda

Examination Category	Population	Total Required for Interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exam % Credited to Date for Interval	Remarks
			Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period		
E-A	318	954	300	31%	300	31%	0	0%	63%	See Note #1
E-C	6	18	6	33%	6	33%	0	0%	66%	See Note #1

Notes

- 1) Inaccessible components will be examined when accessible.

ENCLOSURE 7

(Pages - 2)

**Form OAR-1, Table 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS
THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE**

HCRFO#12

**TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE**

Examination Category	Item Number	Item Description	Flaw Characterization	Flaw or Relevant Condition Found: During Scheduled Section XI Examination or Test (Yes or No)
R-A	Sum# 100690	RPV1- N2KSE (OVERLAY)	Rejectable Indication measuring 0.75" in length. Ref. Notification# 20211152 100% Weld Overlay was Performed and Re-Examined	Yes See Notification# 20211152
A-E	Sum# 502010	IVVI-201	Indication at 20° on Dryer Support Ring Measured Length of .625" and .75"	Yes See Notification# 20211135
A-E	Sum# 502010	IVVI-201	The indication was previously measured to be approx. 2.25" in length on Dryer Support Ring (Ref: AR# 990301206) Additional growth was noted to approx. 2.87"	Yes See Notification# 20141548
A-E		Shroud head Bolts (IVVI-170)	Engineering Evaluation use-as-is of the shroud head bolts upper spring being compressed and installed 180 deg out of position. This indication was observed and evaluated during a previous outage.	Yes See Notification# 990225202
A-E		Steam Dryer Support Ring (IVVI-201)	Engineering Evaluation acceptable-as-is of a crack like indication on the steam dryer mid support ring @ 205 deg. This examination was a re-look of an indication that was identified during a previous outage. Additional growth was observed to be approx. 2.87" and new notification was generated.	Yes See Notification# 990301206 20141548

HCRFO#12

TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization	Flaw or Relevant Condition Found: During Scheduled Section XI Examination or Test (Yes or No)
A-E		Jet Pump #17 (IVVI-234)	Engineering Evaluation use-as-is of a crack like indication on the shroud side set screw. This indication was observed and evaluated during a previous outage	Yes See Notification# 971025088
A-E		Jet Pump #20 (IVVI-237)	Engineering Evaluation use-as-is of a crack like indication on the shroud side set screw. This indication was observed and evaluated during a previous outage	Yes See Notification# 971025105
A-E		Steam Dryer Assembly	Engineering Evaluation use-as-is of a crack like indication on the plate below seismic dryer support lug at 5 degrees.	Yes See Notification# 20080894
A-E		180 Degree Guide Rod	Engineering Evaluation use-as-is of a heavy scrape indication on the south side of the 180-degree guide rod.	Yes See Notification# 20080262

ENCLOSURE 8

(Pages - 2)

**Form OAR-1, Table 3
ABSTRACT OF REPAIRS, REPLACEMENTS OR
CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE**

HCRFO#12

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

Hope Creek Generating Station
(For the period 5/15/2003 TO 1/26/2005)

TABLE 3
Abstract of repairs, Replacements, or Corrective Measures
Required for Continued Service

Code Class	Repair Replacement, or Corrective Measure	Item Description	Description of work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair Replacement Plan Number Evaluation	
						RR Plan	Evaluation
1	Repair	Reactor Vessel Nozzle N2K H1BB	Repair by welding	Yes	12/19/04 *	** 80076353 60049736	70042785
2	Replacement	Turbine Exhaust Snubber H1FD -1-P-FD-006- H020	Replaced snubber extension tube	Yes	1/10/2005	60049900	70042455
3	Repair	Service Water Strainer Vessel H1EA -1A-F-509	Repair by welding	No	4/16/2004	60032899	70031727
3	Repair	Service Water Strainer Vessel H1EA -1C-F-509	Repair by welding	No	6/28/04	30085305	70038921
3	Repair	Service Water Lube Supply Header H1EA -10-T-543	Repair by welding	No	1/14/05	60049622	70042618

HCRFO#12

TABLE 3

Abstract of repairs, Replacements, or Corrective Measures Required for Continued Service

Code Class	Repair Replacement, or Corrective Measure	Item Description	Description of work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair Replacement Plan Number RR Plan	Repair Replacement Plan Number Evaluation
3	Repair	Service Water Spool Piece 1-EA-033	Repair by welding	No	12/22/04	60027891	70035411

* Areva/Framatome NR-1 completion date. ANII final approval awaiting receipt of the SE from the USNRC.

**Work performed by Areva/Framatome ANP per PO 4500273464.