PSEG Nuclear LLC
P.O. Box 236, Hancocks Bridge, New Jersey 08038-0236

PSEG Nuclear LLC

FEB 12 2001

LRN-01-0060

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

Gentlemen:

INSERVICE INSPECTION ACTIVITIES - 90 DAY REPORT
ELEVENTH REFUELING OUTAGE
SALEM GENERATING STATION UNIT 2
DOCKET NO. 50-311
FACILITY OPERATING LICENSE NO. DPR-75

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit 2 during the eleventh refueling outage. This report is submitted in accordance with Section 4.0.5 of the Technical Specifications for the Salem Generating Station Unit 2 and Article IWA-6220(c) and IWA-6230 of Section XI of the ASME Boiler and Pressure Vessel Code 1986 Edition.

The enclosures to this letter are as follows:

- Enclosure 1: Form NIS-1, "Owners Data Report for Inservice Inspection"
- Enclosure 2: ISI RFO Exam Results (S2RFO#11, Rev. 2.)"
- Enclosure 3: ISI RFO Flywheel Results (S2RFO#11, Rev. 0)"
- Enclosure 4: ISI RFO IWE/IWL Results (S2RFO#11, Rev. 0.)"
- Enclosure 5: Form NIS-2, "Owners Report for Repairs and Replacements."

Should you have any questions regarding this request, please contact Mr. Howard G. Berrick at 856-339-1862.

Sincerely,

for G. Salamon
Manager - Licensing

A047

Enclosures (**5**)

FEB 1 2 2001

Document Control Desk
LRN-01-0060

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

Mr. R. Fretz
Licensing Project Manager - Salem
U. S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop 8B2
Rockville, MD 20852

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 Community Affairs - Bureau of Boiler and Pressure Vessel Compliance
P. O. Box 814
Trenton, NJ 08625-0814

Document Control Desk
LRN-01-0060

FEB 1 2 2001

HGB/

BC (All w/o enclosures except as noted)

Vice President - Operations
Vice President – Technical Support
Director - Engineering
Director - QA/NT/EP
Program Manager - Nuclear Review Board (N38)
Manager – Quality Assurance
Manager – Materials/Chemistry
Supervisor – ISI/IST
J. Keenan, Esq. (N21)
D. Kinley (ANII) (X06) (w/ enclosures)
M. Oliveri (X07)
T. Roberts (X06) (w/ enclosures)
NBU RM (N64) (w/ enclosures)
Files No. 1.2.1 (Salem) (w/ enclosures)

Document Control Desk
LRN-01-0060

ENCLOSURE 1
FORM NIS-1
OWNER DATA REPORT FOR INSERVICE INSPECTION

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
#2 Reactor Vessel	Combustion Engineering	67210 Head 67101 Vessel	N/A	20765
#21 Steam Generator	Westinghouse Tampa Div. P.O. Box 19218, Tampa, FL 33616	1201	N/A	68-43
#22 Steam Generator	Westinghouse Tampa Div. P.O. Box 19218, Tampa, FL 33616	1202	N/A	68-44
#23 Steam Generator	Westinghouse Tampa Div. P.O. Box 19218, Tampa, FL 33616	1004	N/A	68-11
#24 Steam Generator	Westinghouse Tampa Div. P.O. Box 19218, Tampa, FL 33616	1204	N/A	68-52
Pressurizer	Delta Southern	1211	N/A	68-48
Reactor Coolant Filter	Pall Trinity Micro. Corp.	N/A	N/A	N/A
#21 & #22 Residual Heat Removal Heat Exchanger	Engineers & Fabricators Inc.	#21 (S-15860-A) #22 (S-15860-D)	N/A	N/A
Boron Injection Tank	Westinghouse Electric Corp.	U/2-70-07-30717-6	N/A	N/A
#23 Head Tank	Pullman Kellogg	N/A	N/A	N/A
Chemical and Volume & Control Piping System	United Engineers & Constructors (UE&C) 30 South 17th St., Phila. PA 19101	N/A	N/A	N/A

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Containment Spray Piping System	UE&C	N/A	N/A	N/A
Main Steam Piping System	UE&C	N/A	N/A	N/A
Pressurizer Relief Piping System	UE&C	N/A	N/A	N/A
Pressurizer Spray Piping System	UE&C	N/A	N/A	N/A
Reactor Coolant Piping System	UE&C	N/A	N/A	N/A
Residual Heat Removal Piping System	UE&C	N/A	N/A	N/A
Steam Generator Feed Water Piping System	UE&C	N/A	N/A	N/A
Safety Injection Piping System	UE&C	N/A	N/A	N/A

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations

An inservice examination (ISI) of selected Class 1, Class 2, Class 3, Class MC and Class CC components of Public Service Electric and Gas Company's (PSEG) Salem Generating Station, Unit 2, was performed by PSEG, Magnaflux Quality Services (MQS), and Framatome Technologies (FTI) personnel during the Eleventh Refueling Outage (October 06, 2000 to November 15, 2000). These examinations constituted the Eleventh Refueling Outage (2nd Period, 3rd Outage) at Salem 2 during the Second 10-year Inspection Interval of operation.

Exams were performed in accordance with ASME Section XI 1986 Edition and 1998 Addition, 1998 Addenda and the Salem Unit 2 Inservice Inspection Program Long Term Plan.

PSI and ISI was performed utilizing visual (VT), magnetic particle (MT), liquid penetrant (PT), manual ultrasonic (UT), and radiography (RT) nondestructive examination techniques.

This report also contains augmented examinations required by the Salem Technical Specifications, Regulatory Guides, Circulars and Bulletins issued by the United States Nuclear Regulatory Commission and Public Service Electric and Gas.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.1 ISI Section XI Volumetric & Surface Examinations performed by FTI, and MQS

Framatome Technologies and Magnaflux Quality Services under the direction of the PSEG ISI Group, conducted Thirty five (35) manual ultrasonic, Thirty Seven (37) liquid penetrant, Five (5) magnetic particle examinations.

Class 1

Vessels
- Rx Vessel Head
- Pressurizer

Piping
- Reactor Coolant
- Safety Injection
- Residual Heat Removal
- Chemical and Volume Control
- Pressurizer Relief & Spray

Class 2

Vessels
- Steam Generator
- Reactor Coolant Filter
- Residual Heat removal Heat Exchanger
- Boron Injection Tank

Piping
- Feed Water
- Main Steam
- Containment Spray
- Residual Heat Removal

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations
    - Chemical and Volume Control

11. Abstract of Examinations (Cont.)

11.1 ISI Section XI Volumetric & Surface Examinations performed by FTI, and MQS (Cont'd)

The following was identified during the course of these examinations:

- 6" Pipe to Elbow weld 6-SJ-1222-8 (WinISI Sum# 175000) was found with a PT indication (Ref. Notification# 20043770). After surface buffing to determine indication relevancy, the indication was found to be non recordable.

There were no other indications identified.

11.2 ISI Section XI Visual examinations on valves and bolting

PSEG's ISI Group conducted Two (2) Class 1 bolting and One (1) Class 1 valve internal exams.

The following Items were examined:

Valve 2-PR4 (WinISI # 052350) A VT-3 examination was performed on the Valve Body Internals.

Valve 2-PR4 (WinISI # 255600) A VT-1 examination was performed on the Bonnet Bolting.

Flange 6-PR-1204-1-FB (WinISI Sun# 052300) A VT-1 was performed on the Flange Bolting.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.2 ISI Section XI Visual examinations on valves and bolting (Cont'd)

ISI Section XI examinations were conducted on the following systems:

- Safety Injection
- Residual Heat Removal
- Reactor Coolant

There were no unacceptable indications identified.

11.3 ISI Section XI System Leakage Examinations

PSEG's ISI Group conducted Fifty Six (56) System Pressure Tests during a System Functional or Inservice Test, on Nuclear Class 1, 2, and 3, in accordance with ASME Section XI.

A system Leakage exam was performed in accordance with ASME Section XI on all Class 1 Systems. The system leakage test was performed with the Reactor Coolant System in Mode 3 (normal operating temperature and pressure) with the insulation installed. No pressure boundary leakage was detected.

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

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11. 3 ISI Section XI System Leakage Examinations (Cont'd)

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

- Auxiliary FeedWater
- Component Cooling
- Containment Spray
- Chemical Volume & Control
- Demineralized Water
- Fire Protection
- Main Steam
- Reactor Coolant
- Station Air
- Spent Fuel Cooling
- Safety Injection
- Sampling
- Service Water
- Ventilation Control
- Waste Liquid

11.4 RCP Flywheel Examination per USNRC Regulatory Guide 1.14

Framatome Technologies (FTI) under the direction of the ISI Group performed an in-place UT examination on Reactor Coolant Pump Flywheel # 21 (S/N 1S-76P917), Flywheel #22 (S/N 4S-75P790), Flywheel #23 (S/N 3S-76P917) And Flywheel #24 (S/N 2S-76917) The Flywheels are tracked by the RCP Motor serial number and original pump lacation.

There were no unacceptable indications identified.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.5 NRC Bulletin 88-08 "Thermal Stresses in Piping Connected to the Reactor Coolant System" Augmented Examinations

Framatome Technologies under the direction of the PSEG ISI Group performed augmented ultrasonic and dye penetrant examinations on a total of Seven (7) components, broken down as follows:

NRC Bulletin 88-08 "Thermal Stresses in Piping Connected to the Reactor Coolant System" Augmented Examinations				
ITEM NO.	WinISI Sum#	COMPONENT IDENTIFICATION	WORK ORDER#	EXAMINATION AREA
1.	034500	3-CV-1241-13	50000262	VALVE TO ELBOW
2.	034600	3-CV-1241-14	50000262	ELBOW TO BRANCH
3.	035300	3-CV-1231-7	50000262	PIPE TO ELBOW
4.	035400	3-CV-1231-8	50000262	ELBOW TO PIPE
5.	036000	3-CV-1231-14	50000262	PIPE TO VALVE
6.	040900	2-CV-1275-43	50000262	VALVE TO PIPE
7.	041000	2-CV-1275-44	50000262	PIPE TO BRANCH

There are no unacceptable indications identified.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.6 Augmented System Leakage tests per NUREG 0578 "TMI Lessons Learned"

PSEG's ISI Group conducted twenty seven (27) System Leakage Tests in accordance with NUREG 0578 on the following systems:

- Safety Injection
- Chemical and Volume Control
- Sampling
- Waste Gas
- Residual Heat Removal
- Containment Spray
- Boron Recovery
- Waste Liquid

There were no unacceptable indications identified.

11.7 Augmented Bolted Connection Exams per ISI Relief Request RR-B7

PSEG's ISI Group conducted eighty seven (87) Class 1 bolted connection VT-2's in accordance with the ISI Long Term Plan Program Relief Request RR-B7.

The following was identified during the course of these examinations:

11.7 Augmented Bolted Connection Exams per ISI Relief Request RR-B7 (Cont'd)				
ITEM NO.	WinISI Sum#	COMPONENT IDENTIFICATION	NOTIFICATION #	DISCREPANT CONDITION DESCRIPTION
1.	250410	21-PMP-NUTS-1-24	20043168	Dried Boron found on 25% of main flange connection.
2.	255150	2-CV-79 BOLTING	20043281	Boron deposits found on bolted connection.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11.7 Augmented Bolted Connection Exams per ISI Relief Request RR-B7 (Cont'd)				
ITEM NO.	WinISI Sum#	COMPONENT IDENTIFICATION	NOTIFICATION #	DISCREPANT CONDITION DESCRIPTION
3.	259600	23-SJ-388 BOLTING	20043163	Boron deposits found on bolted connection.

11. Abstract of Examinations (Cont.)

11.8 Preservice Examinations on Various Bolting Material Replacements

Two bolted connections were replaced as identified below:

11.8 Preservice Examinations on Various Bolting Material Replacements (Cont'd)					
ITEM NO.	WinISI Sum#	COMPONENT DESCRIPTION	PSEG DCP NO.	PSEG CJP NO.	PSEG W.O.#
1.	023200	24-STG-IMB (Replaced (1) damaged studs on S/G # 24 In-Board Manway)	N/A	S-00-177	50004228
2.	257950	2-RH-26 bonnet-to-body bolting replacement,	2EO-2563-1	S-97-096	970415188

The applicable (PSI) examinations were performed with no unacceptable indications identified.

11.9 ISI Section XI Visual examination of components supports (Code Case N-491)

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

There were no Component Supports scheduled this outage.

11. Abstract of Examinations (Cont.)

11.10 Preservice Examinations on Various Component Supports and their Associated Integral Attachments due to Repair/ Replacement / Modifications

Four component supports and the associated integral attachments was repaired / replaced or modified as identified below:

11.10 Preservice Examinations on Four Component Supports and the Associated Integral Attachments due to Repair/ Replacement / Modifications.					
ITEM NO.	WinISI Sum#	COMPONENT SUPPORT IDENTIFICATION	PSEG DCP NO.	PSEG CJP NO.	PSEG W.O.#
1.	722405	2-AFSA-27A	N/A	S-99-250	990124059
2.	722730	SWPS-34	N/A	S-00-133	60012653
3.	732960	2-AFG-297	N/A	S-99-146	60000449
4.	732970	2-AFG-298	N/A	S-99-146	60000449

The applicable (PSI) examinations were performed with no unacceptable indications identified.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.11 Preservice Examinations on Various Piping welds due to Repair/ Replacement / Modifications

Twelve piping welds were repaired / replaced or modified as identified below:

11.11 Preservice Examinations on Various Piping welds due to Repair/ Replacement / Modifications (Cont'd)

ITEM NO.	WinISI Sum#	COMPONENT DESCRIPTION	PSEG DCP NO.	PSEG CJP NO.	PSEG W.O.#
1.	330220	14-BF-2241-12R1	80008148	N/A	50000262
2.	330230	14-BF-2241-13R1	80008148	N/A	50000262
3.	330260	16-BF-2241-1R2	80008148	N/A	50000262
4.	330570	14-BF-2231-19R1	80008148	N/A	50000262
5.	330580	14-BF-2231-20R1	80008148	N/A	50000262
6.	330610	16-BF-2231-1R2	80008148	N/A	50000262
7.	330870	14-BF-2221-15R1	80008148	N/A	50000262
8.	330880	14-BF-2221-16R1	80008148	N/A	50000262
9.	330910	16-BF-2221-1R1	80008148	N/A	50000262

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11.11 Preservice Examinations on Various Piping welds due to Repair/ Replacement / Modifications (Cont'd)

ITEM NO.	WinISI Sum#	COMPONENT DESCRIPTION	PSEG DCP NO.	PSEG CJP NO.	PSEG W.O.#
10.	331170	14-BF-2211-15R1	80008148	N/A	50000262
11.	331180	14-BF-2211-16R1	80008148	N/A	50000262
12.	331210	16-BF-2211-1R1	80008148	N/A	50000262

The applicable (PSI) examinations were performed with no unacceptable indications identified.

11. Abstract of Examinations (Cont.)

11.12 Erosion / Corrosion UT Thickness Program

In response to NRC Bulletin 87-01 and Engineering Directive MEC-94-1071, one hundred and fifty Six (156) components were scheduled for UT thickness examinations.

The following Components were replaced, due to the results of the erosion/corrosion UT examinations performed.

11.11 Erosion / Corrosion UT Thickness Program (Cont'd)

ITEM NO.	SYSTEM	COMPONENT ID	COMPONENT DESCRIPTION
1.	Steam Generator Feedwater	(N-53) 2-SGF-49A-L2	14" Elbow

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11.11 Erosion / Corrosion UT Thickness Program (Cont'd)			
ITEM NO.	SYSTEM	COMPONENT ID	COMPONENT DESCRIPTION
2.	Steam Generator Feedwater	(N-54) 2-SGF-35A-L2	14" Elbow
3.	Steam Generator Feedwater	(N-55) 2-SGF-66-L2	14" Elbow
4.	Steam Generator Feedwater	(N-56) 2-SGF-21-L2	14" Elbow

11. Abstract of Examinations (Cont.)

11.12 Erosion / Corrosion UT Thickness Program Cont.

As a result of these repairs / replacements, PSEG Engineering judgement, and procedural requirements for readings less than 70% of nominal wall, an examination expansion of Twenty-Nine (29) components was performed. This increased the total number of examinations to one hundred and eighty five (185) components. The following is a break down of these examinations.

a. Four (4) components were replaced.
b. One hundred and eighty one (181) were acceptable for continued service, based on minimum wall design

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

requirements, with one component (N-23) requiring evaluation performed under DRSE 70011504.

c. No components required a weld build-up.

There were no other unacceptable indications identified.

11.13 Functional Testing of Selected Hydraulic and Mechanical Snubbers per Technical Specification 4.7.9 (c)

HYDRAULIC SNUBBERS (FIRST TEST SAMPLE)

Hydraulic snubbers were tested using the Technical Specification 4.7.9(c), 10% sample plan by Wyle Laboratories using the API in-place snubber test machine and the Wyle Laboratories model 150 snubber test machine as follows:

- Two (2) S/G 1,000 Kip Rexnords
- One (1) MSIV 200 Kip Paul Monroe

The Two (2) S/G 1,000 Kip Rexnords that failed their previous functional test were retested this outage with satisfactory results.

11. Abstract of Examinations (Cont.)

11.13 Functional Testing of Selected Hydraulic and Mechanical Snubbers per Technical Specification 4.7.9 (c) (Cont'd)

MECHANICAL SNUBBERS (FIRST TEST SAMPLE)

Mechanical snubbers were tested using the Technical Specification 4.7.9(c), 10% sample plan using the Wyle Laboratories model 150 snubber test machine as follows:

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

- One (1) Lisega small snubber
- Twelve (12) mechanical medium (PSA-1, 3 and 10)
- Four (2) mechanical small (PSA-1/4 and 1/2)

One mechanical small snubber failed the functional test, which was documented under notification N1-20043701. .

HYDRAULIC AND MECHANICAL EXPANDED SNUBBER TEST SAMPLE

Due to Mechanical Small snubber test failures the following expanded snubber test samples were tested using the Wyle Laboratories model 150 snubber test machine.

- One expanded samples totaling Two (2) (PSA-1/4 and 1/2) Snubbers .

PSEG Engineering performed a stress evaluation under Order no. 70011461 on the failed snubber locations and concluded that the piping and components to which the snubbers were
attached were not impaired due to in-operability of the snubbers.

11. Abstract of Examinations (Cont.)

11.14 ISI section XI Visual Examination Of Containment Integrity.

PSEG's ISI Group Conducted 159 IWE (Class MC) and 159 IWL (Class CC) Visual Examinations As Required Through 10 CFR 50.55A Rule Making And NRC Secy.-96-080 Using The 1998 Edidition,1998 Addenda of Asme section XI.

There were no unacceptable indications identified.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11.15 Steam Generator Overview

During the Salem Unit 2 11th Refueling Outage in October of 2000 Framatome Technologies Incorporated (FTI) conducted Eddy Current examinations of 21 through 24 steam generators. The scope of the inspection was delineated in the 2R11 Steam Generator Tubing Degradation Assessment. This document identified the active and potential degradation mechanisms affecting the tubing in the Salem Unit 2 Steam Generators, identified the inspection scope and techniques to be used, and provided structural limits for each damage mechanism for assessing tube integrity requirements. The base eddy current examination scope met Salem Unit 2 Technical Specification requirements. A summary of the base scope follows:

- Full-length bobbin coil inspection of 100% of the in-service tubes in each steam generator.
- Rotating Coil (+ Point) exam of a 100% of the row 2 short radius U-bends and 20% of the row 3 short radius U-bends (07C-07H) in each steam generator.
- Rotating Coil (+ Point) exam of 100% of the Hot Leg (HL) WEXTEX Top of Tubesheet (TTS) transition regions in each steam generator.
- Rotating Coil (+ Point) exam of 100% of the ≥1-volt dented HL Tube Support Plate (TSP) intersections, based on 2R10 bobbin coil data, in the defined "critical area" for each steam generator.
- Rotating Coil (+ Point) exam of 20% of the ≥2 volt HL free span dings based on 2R10 bobbin coil data.

11. Abstract of Examinations (Cont.)

11.15 Steam Generator Overview (Cont.)

- Rotating Coil (+ Point) examination of previous Suspect Ligament Indications identified from the 2R10 bobbin coil data.
- Special Interest Rotating Coil (+ Point) examinations as delineated in the 2R10 Steam Generator Tubing Degradation Assessment or as required based on the 2R11 bobbin coil data.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

To ensure the resolution process was properly performed and that field calls were properly reported, PSEG Nuclear, LLC utilized an independent QDA Level III per the requirements of EPRI PWR Steam Generator Examination Guidelines, Rev. 5.

11.16 Bobbin Coil

The majority of the bobbin coil inspections were performed with a 0.720" diameter MULC probe. Both standard and replaceable feet bobbin probes were used. A 0.700" diameter beaded shaft probe was used for the low row inspections as required.

11.17 Rotating Coil (+ Point)

A 0.720" diameter 3-Coil +Point probe was utilized for the HL TTS, HL Dented TSP, HL Ding, and Special Interest RC inspections. This probe contained a 0.115" diameter mid range pancake coil, mid range +Point coil and a 0.080" high frequency pancake coil. A 0.680" diameter single coil magnetically biased +Point probe was used for the low row (Row 2 and 3) u-bend inspections

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.18 Results

The following table summarizes the number of tubes plugged by steam generator for the degradation found during 2R11.

Modes of Degradation	SG 21	SG 22	SG 23	SG 24	TOTAL
Primary Water Stress Corrosion Cracking (PWSCC) @ HL TTS (Axial)	15	16	3	26	60
Outside Diameter Stress Corrosion Cracking (ODSCC) @ HL TTS (Axial)	2	2	0	0	4
ODSCC @ HL TTS (Volumetric)	1	1	1	0	3
Anti Vibration Bar (AVB) WEAR	0	1	4	0	5
Cold Leg Thinning	1	1	1	3	6
PWSCC @ HL TSP (Axial)	2	0	0	1	3
PWSCC LOW ROW U-BENDS (Circumferential)	0	0	5	0	5
Loose Part Indication	0	1	0	0	1
Unacceptable Data Quality – Permeability Variations	9	11	0	7	27
Unacceptable Data Quality – Low Row Ubends	1	0	3	1	5

TOTAL INDICATIONS					**119**
TOTAL TUBES PLUGGED	**31**	**33**	**17**	**37**	**118**

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.19 PWSCC at the HL TTS and TSP Region

To address PWSCC the following inspections were performed during 2R11:

- Rotating Coil (+ Point) exam of 100% of the HL WEXTEX TTS transition regions in each steam generator
- Rotating Coil (+ Point) exam of 100% of the ≥1-volt dented HL TSP intersections, based on 2R10 bobbin coil data, in the defined Critical Area (C-A) for each steam generator. The C-A for each steam generator was defined as the first three HL (01H – 03H) TSP's at intersections that contained dents with voltage measurements of ≥ 1 volt. The buffer zone[1] for each steam generator was defined as the fourth HL (04H) TSP at intersections that contained dents with voltage measurements of ≥ 1 volt. Conservatively, 100% of the 04H ≥ 1 volt dented TSP intersections were inspected with rotating coil, which exceeded the EPRI Guideline requirements for buffer zone inspections.

Axial PWSCC was identified in the hot leg tubesheet during 2R11. A total of 60 tubes were plugged for this damage mechanism. All of the tubes with indications were subject to an historical review for detection, sizing, and growth rates for condition monitoring/operational assessment.

Three tubes were plugged for axial PWSCC indications at dented tube support elevations as identified in the table below:

SG	Tube ID	Indication	TSP Location	Bobbin Dent Voltage	RPC Voltage
21	R2C13	SAI	01H –0.21"	1.75 volts	.44 volts
21	R5C8	SAI	01H +0.00"	2.01 volts	1.11 volts
24	R20C45	SAI[2]	02H +0.08"	1.31 volts	.43 volts

A review of the bobbin coil data for the above indications did not identify the tube support locations to be distorted.

[1] In accordance with Rev 5 of the EPRI PWR Steam Generator Examination Guidelines, the buffer zone is a tube population (equal to 20% of the C-A tube population) immediately adjacent to the defined C-A.

[2] Tube was also plugged due for an SAI indication at the HL TTS attributed to PWSCC.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.20 ODSCC at the HL TTS

Secondary side IGA/SCC was first reported during 2R5 (1990). No TTS ODSCC was reported during the 2R10; therefore this mechanism was classified as potential for 2R11. The following inspections were performed during 2R11 to address this mechanism.

- 100% of the in-service tubes in each steam generator were inspected full length with bobbin coil.
- 100% of the in-service tubes in each steam generator were inspected with Rotating Coil (Plus-Point™) at the hot leg top of tube sheet region. Because this damage mechanism can be related to sludge pile impurities, the (+) TTS inspection area encompasses the average sludge depth found during previous outages.
- 100% of WEXTEX expansion anomalies including No Tube Expansions[3] (NTE's) and Expansion Transition Locations[4] (ETL's).

A total of seven tubes were plugged for HL TTS ODSCC during 2R11, four tubes for axial indications and three tubes for volumetric indications. For one of the tubes, the indication was found in the open crevice region of the ETL. These four tubes were subject to historical reviews for detection, sizing, and growth rates for condition monitoring/operational assessment.

11.21 AVB Wear

This mechanism has been attributed to vibration of the tube against the anti-vibration bars. The bobbin coil technique was used for detection and sizing of AVB wear. A total of five tubes were plugged for this damage mechanism.

[3] NTE is a condition where no WEXTEX tube expansion exists therefore an open crevice exists

[4] ETL is a condition where the tubesheet expansion is below the tubesheet secondary face and an open crevice in that area exists.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.22 Cold Leg Thinning

Thinning at the cold leg tube support plates occurs in the outer periphery tubes at the lower tube support plates. The bobbin coil technique was used for detection and sizing of cold leg thinning. A total of six tubes were plugged for this damage mechanism.

11.23 Low Row U-bend Indications

A rotating coil (+ Point) examination of 100% of the row 2 short radius U-bends and 20% of the row 3 short radius U-bends from the seventh cold leg TSP to the seventh HL TSP (07C-07H) in each steam generator was performed during 2R11. Five tubes in steam generator 23 were found to contain inside diameter single circumferential indication (SCI) at either the HL or CL tangent region[5] of the U-bend. No indications were reported in Row 3 therefore base scope expansions were not required.

A review was performed on the 2R10 +point u-bend data for these tubes. All indications were present in the 2R10 data, and did not exhibit any noticeable change in signal phase or amplitude from last outage.

11.24 Loose Parts

All bobbin coil was analyzed for potential loose part indications. One tube was plugged and stabilized for potential loose part wear.

[5] Four of the indications were reported in the HL tangent region and one in the CL tangent region.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.25 Data Quality

Data quality is an important parameter influencing the overall performance of a steam generator tube examination system as it has an effect on probability of detection of degradation, sizing uncertainties, axial and azimuthal location uncertainties and orientation uncertainties. Through these uncertainties, data quality also becomes a key factor in data repeatability from one inspection to another.

During 2R11, thirty-two tubes were removed from service due to data quality concerns:

- 27 tubes removed from service due to unacceptable noise caused by tubing characteristics (permeability variations).
- 5 tubes removed from service due to probe skipping or stalling in the low row u-bend region.

11.26 Manufacturer's Burnish Marks (MBM's)

MBM's were identified during the bobbin coil examination. All freespan indications indicative of an MBM type signal were compared to history data to identify any significant changes in the signal characteristics. Indications **not** exhibiting change based on the parameters of the freespan flow chart were left in the eddy current database with a "MBH" code. Signal changes meeting the parameters of the freespan flow chart were identified with an "MBI" code that required supplemental +Point examination for characterization. Locations that did not confirm to be crack-like when inspected with +Point were subsequently changed to an "MBS" code for data tracking purposes.

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

11. Abstract of Examinations (Cont.)

11.27 Freespan Differential (FSD)

As compared to the MBM signal, freespan differential signals exhibit sharper signal characteristics, which could be indicative of damage mechanisms such as IGA/SCC or pitting. These signals are also identified during the bobbin coil examinations. FSD signals are compared to the historical data to detect change in phase and voltage. If no change was noted, the indication was left in the database as with an "FSH" code. Signal changes meeting the parameters of the freespan flow chart were identified with an "FSI" code that required supplemental +Point examination for characterization. Four tubes were identified with "FSI" codes and none of these indications confirmed to be crack-like when examined with the +Point probe. These locations were subsequently changed to FSS codes for data tracking purposes.

11.28 Suspect Ligament Cracking

An automated data analysis system was used to screen all steam generator bobbin coil data for breached and/or cracked tube supports. All suspect signals were examined with the +Point probe for further characterization. For these types of indications, PSEG's threshold for repair is a missing section of tube support measuring >145 degrees. Based on +point results, none of the tubes with suspect ligament cracks (SLC's) were repaired.

•

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Public Service Electric & Gas Co., 80 Park Plaza, Newark, NJ 07101
2. Plant: Salem Generating Station P.O. Box E, Hancock's Bridge, NJ 08038
3. Plant Unit: Unit 2 (Facility Operating License DPR-75)
4. Owner's Certificate of Authorization (if required) N/A.
5. Commercial Service Date 10/13/81. 6. National Board Number for Unit N/A.
7. Components inspected : (See pages 1 & 2) 8. Exam Dates 05/28/99 to 11/15/00
9. Inspection Interval from 06/10/92 to 01/03/05
10. Applicable Edition of ASME Section XI 1986. And 1998 Edition 1998 Addenda (IWE/IWL)
11. Abstract of Examinations

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

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

Date 2/8 2001 Signed PSEG By
Owner

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of New Jersey and employed by Factory Mutual Insurance Company, have inspected the components described in this Owner's Report during the period May 28, 1999 to November 15, 2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB11207 IBNA + NJ1020
National Board, State, Province, and Endorsement

Date February 08 2001

Document Control Desk
LRN-01-0060

ENCLOSURE 2
ISI REFUELING OUTAGE EXAM RESULTS FOR S2RFO#11, REV. 2

PSE&G

ISI

PUBLIC SERVICE ELEC. & GAS

SALEM NUCLEAR GENERATING STATION UNIT 2

ISI RFO EXAM RESULTS FILE (S2RFO#11, REV .2)
CSAKFPJHN0ZTDRMLEB STATUS COMPONENTS
SECOND INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

January 4, 2001
REVISION 00

Prepared By: _____ Date 1-4-01

Peer Review: _____ Date 2/2/01

ANII Review: _____ Date 2-5-01
FACTORY MUTUAL
INSURANCE COMPANY

RESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	LONGITUDINAL WELDS (REF. DWG. NO. A-5)							
010100	2-PZR-LONG A LONGITUDINAL WELD SHELL A	B-B B2.12	UT0L UT45S UT60S	54-ISI-130-33 54-ISI-130-33 54-ISI-130-33	X X X	- - -	- - -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. EXAMINATION PERFORMED AS PER WESTINGHOUSE NUCLEAR SAFETY ADVISORY LETTER # NSAL-00-002 NO INDICATIONS NOTED IN RADIUS OF TUBESHEET TO SHELL. CODE CASE 509 APPLIED. **5-CSCL-42-SAM**
	NOZZLE-TO-SAFE END WELDS (REF. DWG. NO. A-5 SH 1)							
011800	6-PR-1205-1 NOZZLE TO SAFE-END	B-F B5.40	PT UT30L	54-ISI-240-39 54-ISI-121-02	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. ID/OD RATIO REQUIRES THE USE OF A <30 DEGREE TRANSDUCER. UNABLE TO ACCURATLY DEFINE WELD AREA, EXAM WAS LIMITED TO BEST EFFORT. NO LIMITATION CALCULATION WAS ABLE TO BE PERFORMED. **6-SS-XX-1.5-64**
	WELDED SUPPORTS (REF. DWG. NO. A-5)							
012200	2-PZR-SKIRT	B-K B10.10	UT45S	54-ISI-136-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **PL-1.5-CS-65-SAM**
	BOLTING (REF. DWG. NO. A-5 SH 1)							
012500	2-PZR-MB 1-16 MANWAY BOLTS	B-G-2 B7.20	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.

TEAM GENERATORS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-6 SH 1)							
022800	24-STG-OMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	OUTLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-7 SH 1)							
022900	23-STG-OMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	OUTLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-8 SH 1)							
023000	22-STG-OMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	OUTLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-9 SH 1)							
023100	21-STG-OMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	OUTLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-6 SH 1)							
023200	24-STG-IMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	INLET MANWAY BOLTING	B7.30	VT-1	SHRAISZZ0116Q	X	-	-	NDE. DURING DISASSEMBLY STUD #8 WAS NOTED TO BE DAMAGED, AND WAS REPLACED. UNDER W/O# 50004228 A VT-1 WAS PERFORMED ~~PRIER~~ TO INSTALLATION. Add-2-5-00 Paul
	BOLTING (REF. DWG. NO. A-7 SH 1)							

TEAM GENERATORS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-7 SH 1)							
023300	23-STG-IMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	INLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-8 SH 1)							
023400	22-STG-IMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	INLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.
	BOLTING (REF. DWG. NO. A-9 SH 1)							
023500	21-STG-IMB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	INLET MANWAY BOLTING	B7.30	-	-	-	-	-	NDE.

HEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	3-CV-1241 (REF. DWG. NO. A-12 SH 1)							
034500	3-CV-1241-13	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	VALVE 2CV80 TO ELBOW	B9.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-836-03	X	-	-	APPLIES. **3-SS-160-.451-30-SAM**
			UT70S	54-ISI-836-03	X	-	-	
034600	3-CV-1241-14	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO BRANCH	B9.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
	CONNECTION		UT45S	54-ISI-836-03	X	-	-	APPLIES. **3-SS-160-.451-30-SAM**
			UT70S	54-ISI-836-03	X	-	-	
	3-CV-1231 (REF. DWG. NO. A-13 SH 1)							
035300	3-CV-1231-7	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO ELBOW	B9.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-836-03	X	-	-	APPLIES. **3-SS-160-.451-30-SAM**
035400	3-CV-1231-8	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO PIPE	B9.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-836-03	X	-	-	APPLIES. **3-SS-160-.451-30-SAM**
036000	3-CV-1231-14	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO VALVE 2CV274	B9.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-836-03	X	-	-	APPLIES. LIMITATIONS: EXAMINED
			UT45S	54-ISI-836-03	X	-	-	(UT) 75% OF CODE REQUIRED VOLUME,
								DUE TO VALVE CONFIGURATION.
								3-SS-160-.451-30-SAM
	2-CV-1275 (REF. DWG. NO. A-15 SHT 2)							

HEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-CV-1275 (REF. DWG. NO. A-15 SHT 2)							
040900	2-CV-1275-43 VALVE 2CV76 TO PIPE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
			UT45S	54-ISI-121-02	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-121-02	X	-	-	APPLIES. **1.5-SS-COUP-111-SAM**
041000	2-CV-1275-44 PIPE TO BRANCH CONNECTION	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
			UT45S	54-ISI-121-02	X	-	-	PERFORM NDE. NRC BULLETIN 88-08
			UT45S	54-ISI-121-02	X	-	-	APPLIES. **1.5-SS-COUP-111-SAM**

RESSURE RELIEF SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	6-PR-1205 (REF. DWG. NO. A-17 SH 1)							
051100	6-PR-1205-10FB FLANGE BOLTING (2PR5)	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	6-PR-1204 (REF. DWG. NO. A-18 SH 1)							
052300	6-PR-1204-10FB FLANGE BOLTING (2PR4)	B-G-2 B7.50	VT-2 VT-1	SCRAISZZ0006Q SHRAISZZ0116Q	X X	- -	- -	00RF - ORDER# 50000262 TO PERFORM VT-2. PERFORM PSI BASELINE IAW S-00-092 / 50003280 (REPLACED BOLTING).
	6-PR-1204 [PSE&G #6"-2PS1035] (REF. DWG. NO. A-18)							
052350	2PR4 VALVE BODY ON LINE 6-PR-120	B-M-2 B12.50	VT-3	SHRAISZZ0116Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. VALVE WAS REMOVED UNDER CJP# S-00-092, FOR TESTING. VT-3 PERFORMED UNDER W/O 50003280. **VALVE GROUP # 1**
	6-PR-1203 (REF. DWG. NO. A-19 SH 1)							
053700	6-PR-1203-10FB FLANGE BOLTING (2PR3)	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.

EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	27.5-RC-1230 (REF. DWG. NO. A-38)							
084400	27.5-RC-1230-1	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PUMP TO PIPE	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. **2.312-SS-37-SAM
			UT60S	54-ISI-836-03	X	-	-	(ALT#01)**

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	10-SJ-1241 (REF. DWG. NO. A-63)							
161050	10-SJ-1241-11	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO ELBOW	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								10-SS-160-1.119-22-SAM
	10-SJ-1221 (REF. DWG. NO. A-65)							
162850	10-SJ-1221-3	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO ELBOW	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								10-SS-160-1.119-22-SAM
162900	10-SJ-1221-4	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO PIPE	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								10-SS-160-1.119-22-SAM
	10-SJ-1211 (REF. DWG. NO. A-66)							
164550	10-SJ-1211-9	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO PIPE	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								10-SS-160-1.119-22-SAM
164600	10-SJ-1211-10	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO ELBOW	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								10-SS-160-1.119-22-SAM
	6-SJ-1232 (REF. DWG. NO. A-76)							
172900	6-SJ-1232-4	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO ELBOW	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								6-SS-160-.764-25-SAM

ESIDUAL HEAT REMOVAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	6-RH-1231 (REF. DWG. NO. A-77)							
174300	6-RH-1231-16	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO VALVE 23SJ156	B9.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. A-E TO SATISFY PSE&G
			UT45S	54-ISI-836-03	X	-	-	ENGR'G IAW PR# 971001364, CRCA# 5
								(ONE TIME ONLY). IGSCC QUALIFIED
								INDIVIUAL TO PERFORM UT EXAM.
								6-SS-160-.764-25-SAM

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	6-SJ-1222 (REF. DWG. NO. A-79)							
175000	6-SJ-1222-8	B-J	PT(1)	54-ISI-240-39	-	-	X	(PT) EXAM REVEALED (3) UNACCEPTABLE
	PIPE TO ELBOW	B9.11	UT45S	54-ISI-836-03	X	-	-	INDICATIONS DOCUMENTED ON
			UT45S	54-ISI-836-03	X	-	-	NOT.#20043770 AND EVAL.# 80018505. FULL VOLUME (UT) NO RECORDABLE INDICATIONS WERE NOTED. BLENDING PERFORMED UNDER W/O 60012926, FINAL (PT) (UT THICKNESS) PERFORMED BY MQS AND FOUND ACCEPTABLE **6-SS-160-.764-25-SAM**
	2-SJ-1249 (REF. DWG. NO. A-89 SH 1)							
184200	2-SJ-1249-2FB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	FLANGE BOLTING	B7.50	-	-	-	-	-	NDE.
	2-SJ-1249 (REF. DWG. NO. A-89 SHT 1)							
184654	2-SJ-1249-11C	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	PIPE TO ORIFICE	B9.40						PERFORM NDE.
184655	2-SJ-1249-11D	B-J	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ORIFICE TO PIPE	B9.40						PERFORM NDE.
	2-SJ-1247 (REF. DWG. NO. A-91 SH 1)							
186700	2-SJ-1247-4FB	B-G-2	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM
	FLANGE BOLTING (NEAR, 24SJ138)	B7.50	-	-	-	-	-	NDE.
	2-SJ-1239 (REF. DWG. NO. A-92 SH 1)							

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-SJ-1239 (REF. DWG. NO. A-92 SH 1)							
188000	2-SJ-1239-2FB FLANGE BOLTING (NEAR, 23SJ143)	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1237 (REF. DWG. NO. A-93 SH 1)							
189800	2-SJ-1237-7FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
190318	2-SJ-1237-17E PIPE TO ORIFICE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
190320	2-SJ-1237-17F ORIFICE TO PIPE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1229 (REF. DWG. NO. A-94 SH 1)							
191000	2-SJ-1229-2FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1228 (REF. DWG. NO. A-96 SH 1)							
193350	2-SJ-1228-2FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1219 (REF. DWG. NO. A-98 SH 1)							

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-SJ-1219 (REF. DWG. NO. A-98 SH 1)							
196500	2-SJ-1219-2FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1218 (REF. DWG. NO. A-99 SH 1)							
198350	2-SJ-1218-5FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	2-SJ-1218 (REF. DWG. NO. A-99 SHT 1)							
198606	2-SJ-1218-10C PIPE TO ORIFICE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
198608	2-SJ-1218-10D ORIFICE TO PIPE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	1.5-SJ-1242 (REF. DWG. NO. A-101 SH 1)							
200450	1.5-SJ-1242-8FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	1.5-SJ-1232 (REF. DWG. NO. A-103 SH 1)							
202700	1.5-SJ-1232-10FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	1.5-SJ-1222 (REF. DWG. NO. A-105 SH 1)							

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	1.5-SJ-1222 (REF. DWG. NO. A-105 SH 1)							
204280	1.5-SJ-1222-5E PIPE TO ORIFICE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
204285	1.5-SJ-1222-5F PIPE TO ORIFICE	B-J B9.40	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
204700	1.5-SJ-1222-13FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	1.5-SJ-1212 (REF. DWG. NO. A-107 SH 1)							
206950	1.5-SJ-1212-8FB FLANGE BOLTING	B-G-2 B7.50	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.

REACTOR COOLANT PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	NUTS, BUSHINGS & WASHERS (REF. DWG. NO. A-109 SH 1)							
250110	24-PMP-NUTS 1-24	B-G-1 B6.200	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
250210	23-PMP-NUTS 1-24	B-G-1 B6.200	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
250310	22-PMP-NUTS 1-24	B-G-1 B6.200	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
250410	21-PMP-NUTS 1-24	B-G-1 B6.200	VT-2(1) VT-3(2)	SCRAISZZ0006Q SCRAISZZ00030	- X	- -	X -	00RF - 1) ORDER# 50000262 TO PERFORM NDE. BORIC ACID WAS FOUND ON 25% OF THE FLANGED CONNECTION (NOTIF.# 20043168) 2) UNDER ORDER# 60012562 PERFORM VT-3 OF THE REMOVED BOLT CLOSEST TO THE LEAK.

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-10 SH 1)							
255050	2CV2 BOLTING ON LINE 3-CV-1243 (FIG. A-10)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
255100	2CV277 BOLTING ON LINE 3-CV-1243 (FIG. A-10)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-12 SH 1)							
255150	2CV79 BOLTING ON LINE 3-CV-1241 (FIG. A-12)	B-G-2 B7.70	VT-2(1) VT-3(2)	SCRAISZZ0006Q SCRAISZZ00030	- X	- -	X -	00RF - (1) ORDER# 50000262 TO PERFORM NDE. VT-2 FOUND DRIED BORON AT FLANGE BOLTING (NOTIF.# 20043281). 2) UNDER W/O 60012870 PERFORMED VT-3 OF THE BOLT CLOSEST TO THE LEAK.
255200	2CV275 BOLTING ON LINE 3-CV-1241 (FIG. A-12)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
255250	2CV80 BOLTING ON LINE 3-CV-1241 (FIG. A-12)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-13 SH 1)							
255300	2CV77 BOLTING ON LINE 3-CV-1231 (FIG. A-13)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-13 SH 1)							
255350	2CV274 BOLTING ON LINE 3-CV-1231 (FIG. A-13)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
255400	2CV78 BOLTING ON LINE 3-CV-1231 (FIG. A-13)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-15 SH 1)							
255450	2CV75 BOLTING ON LINE 2-CV-1275 (FIG. A-15 SHT 1)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-17 SH 1)							
255550	2PR5 BOLTING ON LINE 6-PR-1205 (FIG. A-17)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-18 SH 1)							
255600	2PR4 BOLTING ON LINE 6-PR-1204 (FIG. A-18)	B-G-2 B7.70	VT-2 VT-1	SCRAISZZ0006Q SHRAISZZ0116Q	X X	- -	- -	00RF - ORDER# 50000262 TO PERFORM VT-2. PERFORM PSI BASELINE IAW S-00-092 / 50003280 (REPLACED BOLTING).
	BOLTING (REF. DWG. NO. A-19 SH 1)							
255650	2PR3 BOLTING ON LINE 6-PR-1203 (FIG. A-19)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-20 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-20 SH 1)							
255675	2PR7 BOLTING ON LINE 3-PR-1207 (FIG. A-20)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
255700	2PR2 BOLTING ON LINE 3-PR-1207 (FIG. A-20)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
	BOLTING (REF. DWG. NO. A-24 SH 1)							
255725	2PR6 BOLTING ON LINE 3-PR-1206 (FIG. A-24)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
255750	2PR1 BOLTING ON LINE 3-PR-1206 (FIG. A-24)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
	BOLTING (REF. DWG. NO. A-26 SH 2)							
255800	2PS28 BOLTING ON LINE 4-PS-1231 (FIG. A-26 SHT 2)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
255850	2PS3 BOLTING ON LINE 4-PS-1231 (FIG. A-26 SHT 2)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
	BOLTING (REF. DWG. NO. A-26 SH 3)							
255900	2PS29 BOLTING ON LINE 4-PS-1231 (FIG. A-26 SHT 3)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - NDE. ORDER# 50000262 TO PERFORM
	BOLTING (REF. DWG. NO. A-28 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-28 SH 1)							
255950	2PS24 BOLTING ON LINE 4-PS-1211 (FIG. A-28)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
255975	2PS1 BOLTING ON LINE 4-PS-1211 (FIG. A-28)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
256000	2PS25 BOLTING ON LINE 4-PS-1211 (FIG. A-28)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-61 SH 1)							
257850	2RH1 BOLTING ON LINE 14-RH-1211 (FIG. A-61)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
257900	2RH2 BOLTING ON LINE 14-RH-1211 (FIG. A-61)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-62 SH 1)							
257950	2RH26 BOLTING ON LINE 12-RH-1251 (FIG. A-62)	B-G-2 B7.70	VT-2(1) VT-1(2)	SCRAISZZ0006Q SCRAISZZ0116Q-	X X	- -	- -	00RF - 1) ORDER# 50000262 TO PERFORM NDE. 2) PERFORM PSI BASELINE EXAM PER W/O 970415188 / S-97-096 / 2EO-2563-01 (REPLACEMENT OF BOLTING MATERIALS).
	BOLTING (REF. DWG. NO. A-63 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-63 SH 1)							
258000	24SJ54 BOLTING ON LINE 10-SJ-1241 (FIG. A-63)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
258050	24SJ55 BOLTING ON LINE 10-SJ-1241 (FIG. A-63)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
258100	24SJ56 BOLTING ON LINE 10-SJ-1241 (FIG. A-63)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-64 SH 1)							
258150	23SJ54 BOLTING ON LINE 10-SJ-1231 (FIG. A-64)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
258200	23SJ55 BOLTING ON LINE 10-SJ-1231 (FIG. A-64)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
258250	23SJ56 BOLTING ON LINE 10-SJ-1231 (FIG. A-64)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-65 SH 1)							
258300	22SJ54 BOLTING ON LINE 10-SJ-1221 (FIG. A-65)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X - -	- - -		00RF - ORDER# 50000262 TO PERFORM NDE.

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-65 SH 1)							
258350	22SJ55 BOLTING ON LINE 10-SJ-1221 (FIG. A-65)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
258400	22SJ56 BOLTING ON LINE 10-SJ-1221 (FIG. A-65)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-66 SH 1)							
258450	21SJ54 BOLTING ON LINE 10-SJ-1211 (FIG. A-66)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
258500	21SJ55 BOLTING ON LINE 10-SJ-1211 (FIG. A-66)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
258550	21SJ56 BOLTING ON LINE 10-SJ-1211 (FIG. A-66)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-67 SH 1)							
258600	22SJ49 BOLTING ON LINE 8-SJ-1262 (FIG. A-67 SHT 1)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-69 SH 1)							
258650	21SJ49 BOLTING ON LINE 8-SJ-1252 (FIG. A-69 SHT 1)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-71 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-71 SH 1)							
258700	24RH27 BOLTING ON LINE 8-SJ-1245 (FIG. A-71)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-62 SH 1)							
258750	23RH27 BOLTING ON LINE 8-RH-1235 (FIG. A-62)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-73 SH 1)							
258800	24SJ43 BOLTING ON LINE 6-SJ-1242 (FIG. A-73)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-74 SH 1)							
258850	24SJ156 BOLTING ON LINE 6-SJ-1241 (FIG. A-74)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-76 SH 1)							
258900	23SJ43 BOLTING ON LINE 6-SJ-1232 (FIG. A-76)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-77 SH 1)							
258950	23SJ156 BOLTING ON LINE 6-RH-1231 (FIG. A-77)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-79 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-79 SH 1)							
259000	22SJ43 BOLTING ON LINE 6-SJ-1222 (FIG. A-79)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-80 SH 1)							
259050	22SJ156 BOLTING ON LINE 6-SJ-1221 (FIG. A-80)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-81 SH 1)							
259100	21SJ43 BOLTING ON LINE 6-SJ-1212 (FIG. A-81)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-99 SH 2)							
259150	21SJ156 BOLTING ON LINE 6-SJ-1211 (FIG. A-99)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-84 SH 1)							
259200	2SJ13 BOLTING ON LINE 4-SJ-1295 (FIG. A-84)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-85 SH 1)							
259250	2SJ135 BOLTING ON LINE 4-SJ-1294 (FIG. A-85)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-84 SH 1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	GEO M	OTH ER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-84 SH 1)							
259300	2SJ12 BOLTING ON LINE 4-SJ-1293 (FIG. A-84)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-86 SH 1)							
259350	22SJ40 BOLTING ON LINE 4-SJ-1282 (FIG. A-86)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-87 SH 1)							
259400	21SJ40 BOLTING ON LINE 4-SJ-1272 (FIG. A-87)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-84 SH 1)							
259450	2SJ150 BOLTING ON LINE 3-SJ-1292 (FIG. A-84)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-107 SH1)							
259500	21SJ388 BOLTING ON LINE 1.5-SJ-1212 (FIG. A-107)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-105 SH1)							
259550	22SJ388 BOLTING ON LINE 1.5-SJ-1222 (FIG. A-105)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.
	BOLTING (REF. DWG. NO. A-103 SH1)							

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOLTING (REF. DWG. NO. A-103 SH1)							
259600	23SJ388 BOLTING ON LINE 1.5-SJ-1232 (FIG. A-103)	B-G-2 B7.70	VT-2(1) VT-3(2)	SCRAISZZ0006Q SHRAISZZ0003Q	- X	- -	X -	00RF - 1) ORDER# 50000262 TO PERFORM NDE. VT-2 FOUND DRIED BORON AT FLANGE BOLTING (NOTIF.# 20043163). 2) UNDER W/O 60012865 PERFORMED VT-3 OF THE BOLT CLOSEST TO THE LEAK.
	BOLTING (REF. DWG. NO. A-101 SH1)							
259650	24SJ388 BOLTING ON LINE 1.5-SJ-1242 (FIG. A-101)	B-G-2 B7.70	VT-2 -	SCRAISZZ0006Q -	X -	- -	- -	00RF - ORDER# 50000262 TO PERFORM NDE.

TEAM GENERATORS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. B-3)							
272000	22-STG-TCSC TRANSITION CONE TO SHELL C	C-A C1.10	UT0L	54-ISI-130-33	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. PERFORM AUGMENTED EXAM PER 90-04, ENHANCED UT & VT TECHNIQUES, INCLUDING A LARGER EXAM AREA. (UT) EXAMINATION REVEALED FIVE (5) GEOMETRIC INDICATIONS OUTSIDE AREA OF INTEREST DUE TO WELDED PADS ON ID. **PL-3-CS-51-SAM**
			UT45S	54-ISI-130-33	-	X	-	
			UT45S	54-ISI-130-33	-	X	-	
			UT60S	54-ISI-130-33	-	X	-	

LETDOWN HEAT EXCHANGERS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. B-8)							
275210	2-LHEX-1 FLANGE TO SHELL	C-A C1.10	UT0L	54-ISI-121-02	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **PL-SS-.750-85-SAM**
			UT45S	54-ISI-121-02	X	-	-	
			UT60S	54-ISI-121-02	X	-	-	
			UT60RL	54-ISI-121-02	X	-	-	
275220	2-LHEX-2 SHELL TO HEAD	C-A C1.20	UT45S	54-ISI-121-02	-	X	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. UT. 45 SHEAR EXAMINATION NOTED ONE (1) GEOMETRIC INDICATION. **PL-SS-.750-85-SAM**
			UT0L	54-ISI-121-02	X	-	-	

REGENERATIVE HEAT EXCHANGER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. B-10)							
275310	2-RHE-2 SHELL TO TUBE SHEET	C-A C1.30	UT45S	54-ISI-121-02	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. EXAMINATION PERFORMED AS PER WESTINGHOUSE NUCLEAR SAFETY ADVISORY LETTER# NSAL-00-002 NO INDICATIONS NOTED IN RADIUS OF TUBE SHEET TO SHELL. **9.5-SS-X-.750-86-SAM**
275320	2-RHE-3 SHELL TO TUBE SHEET	C-A C1.30	UT45S	54-ISI-121-02	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. EXAMINATION PERFORMED AS PER WESTINGHOUSE NUCLEAR SAFETY ADVISORY LETTER# NSAL-00-002 NO INDICATIONS NOTED IN RADIUS OF TUBE SHEET TO SHELL. **9.5-SS-X-.750-86-SAM**

ESIDUAL HEAT REMOVAL HEAT EXCHANGER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	NOZZLE WELDS (REF. DWG. NO. B-11 SH 1)							
275400	21-RHRHEX-OUT	C-B	UT45S	54-ISI-121-02	-	X	-	00RF - FTI UNDER ORDER# 50000262
	NOZZLE-TO-SHELL WELD	C2.21	UT60S	54-ISI-121-02	-	X	-	TO PERFORM UT ONLY. THE PT EXAM
			UT60RL	54-ISI-121-02	-	X	-	WAS PERFORMED DURING S1RFO#10. (UT
			UT0L	54-ISI-121-02	-	X	-	45S AND 60S) EXAM NOTED TWO (2) GEOMETRIC INDICATIONS. **PL-SS-.750-85-SAM**

EEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	14-BF-2241 (REF. DWG. NO. B-13)							
330220	14-BF-2241-12R1 PIPE TO ELBOW	C-F-2 C5.51	MT UT45S	SHRAISZZ0201Q 54-ISI-835-03	X X	- -	- -	00RF - PSI BASELINE PER DCP# 80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
330230	14-BF-2241-13R1 ELBOW TO REDUCER	C-F-2 C5.51	MT UT45S	SHRAISZZ0201Q 54-ISI-835-03	X X	- -	- -	00RF - PSI BASELINE PER DCP# 80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
	16-BF-2241 (REF. DWG. NO. B-13)							
330260	16-BF-2241-1R2 REDUCER TO NOZZLE	C-F-2 C5.51	MT UT45S	SHRAISZZ0201Q 54-ISI-835-03	X X	- -	- -	00RF - PSI BASELINE PER DCP# 80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CO **16-CS-XXX-1.0-116-SAM**
	16-BF-2241 (REF. DWG. NO. B-13 SH 1)							

EEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	16-BF-2241 (REF. DWG. NO. B-13 SH 1)							
330261	16-BF-2241-1R2	A-E	-	-	-	-	-	00RF - NO AUGMENTED VOLUMETRIC
	REDUCER TO NOZZLE	IN93-20	-	-	-	-	-	EXAMS ARE REQUIRED DURING S2RFO#11, DUE TO FW NOZZLE MODIFICATION IAW DCP# 80008148. **16-CS-XXX-1.0-116-SAM**
	14-BF-2231 (REF. DWG. NO. B-14)							
330570	14-BF-2231-19R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	PIPE TO ELBOW	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
330580	14-BF-2231-20R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	ELBOW TO REDUCER	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
	16-BF-2231 (REF. DWG. NO. B-14)							
330610	16-BF-2231-1R2	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	REDUCER TO NOZZLE	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI COD **16-CS-XXX-1.0-116-SAM**
	16-BF-2231 (REF. DWG. NO. B-14 SH 1)							

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	16-BF-2231 (REF. DWG. NO. B-14 SH 1)							
330611	16-BF-2231-1R2	A-E	-	-	-	-	-	00RF - NO AUGMENTED VOLUMETRIC
	REDUCER TO NOZZLE	IN93-20	-	-	-	-	-	EXAMS ARE REQUIRED DURING S2RFO#11, DUE TO FW NOZZLE MODIFICATION IAW DCP# 80008148. **16-CS-XXX-1.0-116-SAM**
	14-BF-2221 (REF. DWG. NO. B-16)							
330870	14-BF-2221-15R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	PIPE TO ELBOW	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI COD **14-CS-80-.760-35-SAM**
330880	14-BF-2221-16R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	ELBOW TO REDUCER	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
	16-BF-2221 (REF. DWG. NO. B-16)							
330910	16-BF-2221-1R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	REDUCER TO NOZZLE	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **16-CS-XXX-1.0-116-SAM**
	16-BF-2221 (REF. DWG. NO. B-16 SH 1)							

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	16-BF-2221 (REF. DWG. NO. B-16 SH 1)							
330911	16-BF-2221-1R1 REDUCER TO NOZZLE	A-E IN93-20	- -	- -	- -	- -	- -	00RF - NO AUGMENTED VOLUMETRIC EXAMS ARE REQUIRED DURING S2RFO#11, DUE TO FW NOZZLE MODIFICATION IAW DCP# 80008148. **16-CS-XXX-1.0-116-SAM**
	14-BF-2211 (REF. DWG. NO. B-17)							
330945	14-BF-2211-3PL-1 THRU 2-FWG-21-15	C-C C3.20	-	-	-	-	-	00RF - THIS SUM# WAS REPLACED BY SUM# 503208, DUE TO EXTENSIVE LIMITATIONS.
331170	14-BF-2211-15R1 PIPE TO ELBOW	C-F-2 C5.51	MT UT45S	SHRAISZZ0201Q 54-ISI-835-03	X X	- -	- -	00RF - PSI BASELINE PER DCP# 80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
331180	14-BF-2211-16R1 ELBOW TO REDUCER	C-F-2 C5.51	MT UT45S	SHRAISZZ0201Q 54-ISI-835-03	X X	- -	- -	00RF - PSI BASELINE PER DCP# 80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **14-CS-80-.760-35-SAM**
	16-BF-2211 (REF. DWG. NO. B-17)							

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	16-BF-2211 (REF. DWG. NO. B-17)							
331210	16-BF-2211-1R1	C-F-2	MT	SHRAISZZ0201Q	X	-	-	00RF - PSI BASELINE PER DCP#
	REDUCER TO NOZZLE	C5.51	UT45S	54-ISI-835-03	X	-	-	80008148 (REPLACED W/ NEW 16" X 14" FORGING) NO CJP, DUE TO TURN KEY PROJECT. EXAMINE FULL VOLUME OF WELD, TO SATISFY POST STRESS RELIEVING. MQS PERFORMED (MT) EXAM WHICH SAFIFIED BOTH CONSTRUCTION CODE AND SECTION XI CODE **16-CS-XXX-1.0-116-SAM**
	16-BF-2211 (REF. DWG. NO. B-17 SH 1)							
331211	16-BF-2211-1R1	A-E	-	-	-	-	-	00RF - NO AUGMENTED VOLUMETRIC
	REDUCER TO NOZZLE	IN93-20	-	-	-	-	-	EXAMS ARE REQUIRED DURING S2RFO#11, DUE TO FW NOZZLE MODIFICATION IAW DCP# 80008148. **16-CS-XXX-1.0-116-SAM**

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	6-CV-2201 [PSE&G #6"-2SJ1110] (REF. DWG. NO. B-25)							
360850	6-CV-2201-5	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	TEE TO ELBOW	C5.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. CODE CASE N-524 APPLIES (UPSTEAM AND DOWNSTREAM). **6-SS-10-.140-45-SAM**

MAIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	32-MS-2241 [PSE&G #32"-2MS1017] (REF. DWG. NO. B-30 SHT 1)							
381400	32-MS-2241-1 NOZZLE TO REDUCER	C-F-2 C5.51	MT UT45S	54-ISI-270-37 54-ISI-835-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **PL-1.5-CS-65-SAM (ALT#01)**
	30-MS-2241 [PSE&G #30"-2MS1017] (REF. DWG. NO. B-30 SHT 1)							
381410	30-MS-2241-2 REDUCER TO ELBOW	C-F-2 C5.51	MT UT45S	54-ISI-270-37 54-ISI-835-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. THIS EXAM ALSO INCLUDES THE LONG SEAM UPSTREAM (381414 & 381418) IAW CODE CASE N-524. **PL-1.5-CS-65-SAM (ALT#01)**
381414	30-MS-2241-2LD-I LONGITUDINAL	C-F-2 C5.52	- -	- -	- -	- -	- -	00RF - IAW CODE CASE N-524, THIS EXAM WAS PERFORMED UNDER SUM# 381410.
381418	30-MS-2241-2LD-O LONGITUDINAL	C-F-2 C5.52	- -	- -	- -	- -	- -	00RF - IAW CODE CASE N-524, THIS EXAM WAS PERFORMED UNDER SUM# 381410.
	6-MS-2246 [PSE&G #6"-2MS1492] (REF. DWG. NO. B-38)							
384320	6-MS-2246-3 PIPE TO VALVE 24MS9	C-F-2 C5.51	MT UT45S UT45S	54-ISI-270-37 54-ISI-835-03 54-ISI-835-03	X X X	- - -	- - -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. LIMITATION: EXAMINED (UT) 79.19% OF CODE REQUIRED VOLUME, DUE TO VALVE CONFIGURATION. **6-CS-80-.432-49-SAM**

'RESSURIZER RELIEF SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	6-PR-2201 [PSE&G #6"-2PR1002] (REF. DWG. NO. B-53)							
501190	6-PR-2201-5	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO PIPE	C5.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. CODE CASE N-524 APPLIES UPSTREAM). **6-SS-40-.287-26-SAM**
501220	6-PR-2201-7	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	ELBOW TO PIPE	C5.11	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. CODE CASE N-524
			UT45S	54-ISI-836-03	X	-	-	APPLIES (UPSTREAM). **6-SS-40-.287-26-SAM**

ESIDUAL HEAT REMOVAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	8-RH-2273 [PSE&G #8"-2RH1016] (REF. DWG. NO. B-59)							
502450	8-RH-2273-5 ELBOW TO PIPE	C-F-1 C5.11	PT UT45S	54-ISI-240-39 54-ISI-836-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. CODE CASE N-524 APPLIES (UPSTREAM). **8-SS-40-.330-44-SAM**
502580	8-RH-2273-18 VALVE 21RH12 TO TEE	C-F-1 C5.11	PT UT45S UT70S	54-ISI-240-39 54-ISI-836-03 54-ISI-836-03	X X X	- - -	- - -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. CODE CASE N-524 APPLIES (DOWNSTEAM). LIMITATION: EXAMINED (UT) 51.39% OF THE CODE REQUIRED VOLUME, DUE TO THE VALVE TO TEE CONFIGURATION. **8-SS-40-.330-44-SAM**
	8-RH-2253 [PSE&G #8"-2RH1034] (REF. DWG. NO. B-60)							
502650	8-RH-2253-5 ELBOW TO PIPE	C-F-1 C5.11	PT UT45S	54-ISI-240-39 54-ISI-836-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. CODE CASE N-524 APPLIES (UPSTEAM). **8-SS-40-.330-44-SAM**
	8-RH-2226 [PSE&G #8"-2RH1003] (REF. DWG. NO. B-61)							
502890	8-RH-2226-9 ELBOW TO PIPE	C-F-1 C5.11	PT UT45S	54-ISI-240-39 54-ISI-836-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. CODE CASE N-524 APPLIES (UPSTREAM). **8-SS-40-.330-44-SAM**
503120	8-RH-2226-32 ELBOW TO PIPE	C-F-1 C5.11	PT UT45S	54-ISI-240-39 54-ISI-836-03	X X	- -	- -	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. CODE CASE N-524 APPLIES (UPSTREAM). **8-SS-40-.330-44-SAM**
	8-RH-2216 [PSE&G #8"-2RH1010] (REF. DWG. NO. B-63)							

RESIDUAL HEAT REMOVAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	8-RH-2216 [PSE&G #8"-2RH1010] (REF. DWG. NO. B-63)							
503405	8-RH-2216-10PL-1&2 PIPE LUG	C-C C3.20	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	3-CV-2258 (REF. DWG. NO. B-87 SHT 1)							
706460	3-CV-2258-25	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	TEE TO PIPE	C5.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE.
								3-SS-160-.451-30-SAM
	3-CV-2258 (REF. DWG. NO. B-87 SHT 2)							
706770	3-CV-2258-43	C-F-1	-	-	-	-	-	00RF - RESCEDULED TO RFO#12, DUE TO
	TEE TO REDUCER	C5.21	-	-	-	-	-	CONSOLIDATING EXAMINATIONS IN A
								DIFFICULT ACCESS AREA.
								3-SS-160-.451-30-SAM
	4-CV-2257 (REF. DWG. NO. B-88 SHT 1)							
707320	4-CV-2257-16	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	VALVE 2CV53 TO ELBOW	C5.21	UT45S	54-ISI-836-03	-	X	-	PERFORM NDE. (UT 45S) EXAM NOTED
			UT70L	54-ISI-836-03	X	-	-	ONE (1) GEOMETRIC INDICATION.
								4-SS-160-.553-28-SAM R
	3-CV-2259 (REF. DWG. NO. B-88 SHT 1)							
707620	3-CV-2259-14R1	C-F-1	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO
	VALVE 2CV55 TO PIPE	C5.21	UT45S	54-ISI-836-03	X	-	-	PERFORM NDE. PERFORM PSI TO
			UT70S	54-ISI-836-03	X	-	-	INCLUDE A INFO LAM CHECK (S2RFO#9
			UT0LAM	N/A	X	-	-	REV'D WELD WITH RT AS PSI EXAM)
								LIMITATION: EXAMINED (UT) 38.57%
								OF THE CODE REQUIRED VOLUME, DUE TO
								THE VALVE CONFIG.
								3-SS-160-.451-30-SAM
	3-CV-2251 (REF. DWG. NO. B-89 SHT 2)							

.HEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	3-CV-2251 (REF. DWG. NO. B-89 SHT 2)							
708600	3-CV-2251-28 BRANCH CONNECTION	C-F-1 C5.41	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	2-CV-2244 (REF. DWG. NO. B-90)							
709120	2-CV-2244-12 ELBOW TO PIPE	C-F-1 C5.30	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	2-CV-2224 (REF. DWG. NO. B-91)							
709320	2-CV-2224-9 ELBOW TO PIPE	C-F-1 C5.30	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	3-CV-2256 (REF. DWG. NO. B-95 SHT 1)							
709960	3-CV-2256-6 PIPE TO VALVE 2CV73	C-F-1 C5.21	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **3-SS-160-.451-30-SAM**
			UT45S	54-ISI-836-03	X	-	-	
			UT70S	54-ISI-836-03	X	-	-	
	3-CV-2255 (REF. DWG. NO. B-95 SHT 1)							
710190	3-CV-2255-12 PIPE TO VALVE 2CV72	C-F-1 C5.21	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **3-SS-160-.451-30-SAM**
			UT45S	54-ISI-836-03	X	-	-	
			UT70S	54-ISI-836-03	X	-	-	
	2-CV-2212 (REF. DWG. NO. B-102 SH 1)							
711890	2-CV-2212-3 VALVE 2CV137 TO PIPE	C-F-1 C5.30	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	2-CV-2217 (REF. DWG. NO. B-102 SH 3)							

.HEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-CV-2217 (REF. DWG. NO. B-102 SH 3)							
712510	2-CV-2217-40 PIPE TO ELBOW	C-F-1 C5.30	PT	54-ISI-240-39	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.

;ORON INJECTION TANK

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. B-119)							
715180	2-BIT-A LOWER HEAD	C-A C1.20	-	-	-	-	-	00RF - RESCHEDULED TO S2RFO#12, DUE TO PAINT REMOVAL DIFFICULTIES. SEVERAL OTHER EXAMS ON THE BIT ARE REQUIRED IN S2RFO#12, REQUIRING THE SAME SUPPORT. POSSIBLE SCHEDULING OF CHEMICAL REMOVAL OF THE PAINT. **PL-CSCL-3.0-76-SAM-R/5-CSCL-42-SAM**
	BOLTING (REF. DWG. NO. B-119)							
715220	2-BIT-STUD-1 THRU 16 MANWAY STUDS	C-D C4.10	VT-3	SHRAISZZ0003Q	X	-	-	00RF - PERFORMED VT-3 DUE TO BORIC ACID LEAK ON BIT FLANGE CONNECTION FOUND OUTSIDE ASME SECTION XI EXAMINATIONS. **2.563-8-12-MSIV-82-SAM**

UXILIARY FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-2-AF-2118 (REF. DWG. NO. AF-2-2/3)							
722405	2-AFSA-27A ANCHOR	F-A F1.30-A	VT-3	SCRAISZZ0150Q	X	-	-	00RF - PSI BASELINE PERFORMED PER CM990124059 / S99-250 (REPLACEMENT OF DAMAGED U-BOLT).

,ERVICE WATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	30-2-SW-141 (REF. DWG. NO. SW-1-7M)							
722730	SWPS-34 SUPPORT	F-A F1.30-M	VT-3	SHRAISZZ0150Q	X	-	-	00RF - 10/25/00 VT-3 PRESERVICE EXAM PERFORMED UNDER W/O # 60012653 AND CJP # S-00-133 ON SUPPORT ONLY.

AUXILIARY FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	2-2-AF-P-2021 (REF. DWG. NO. AF-2-2/5)							
732960	2-AFG-297 HGUIDE	F-A F1.30-N	VT-3	SHRAISZZ0150Q	X	-	-	00RF - PSI BASELINE PERFORMED PER S-99-146 / 60000449 (REPLACED DAMAGED U-BOLT).
	2-2-AF-P-2022 (REF. DWG. NO. AF-2-2/5)							
732970	2-AFG-298 HGUIDE	F-A F1.30-N	VT-3	SHRAISZZ0150Q	X	-	-	00RF - PSI BASELINE PERFORMED PER S-99-146 / 60000449 (REPLACED DAMAGED U-BOLT).

(PV (UPPER INTERNALS REMOVED)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	VESSEL INTERIOR (REF. DWG. NO. V-004)							
931000	IVVI-100 UPPER INTERNALS TO LOWER INTERNALS KEYS	B-N-3 B13.70	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.

PV (CORE BARREL INPLACE OR REMOVED)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	VESSEL INTERIOR (REF. DWG. NO. V-002)							
932000	IVVI-200 RPV STUD AREA	B-N-1 B13.10	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	VESSEL INTERIOR (REF. DWG. NO. V-001)							
932100	IVVI-202 CORE BARREL-TO-FLG MATING SURFACES	B-N-1 B13.10	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	VESSEL INTERIOR (REF. DWG. NO. V-002)							
932150	IVVI-203 VESSEL HEAD ALIGNING KEYS (PINS)	B-N-1 B13.10	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
932250	IVVI-205 IRRADIATION SPECIMEN PLUGS (FLG AREA)	B-N-1 B13.10	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.

PV (CORE BARREL INTER. REMOVED OR INPLACE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	VESSEL INTERIOR (REF. DWG. NO. V-009)							
933000	IVVI-300 BAFFLE PANEL BOLTS	A-E VII	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
933050	IVVI-301 DEBRIS SCAN ON CORE BARREL DISTR. PLATE	B-N-1 B13.10	VT-3	54-ISI-364-00	-	-	X	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. VT-3 EXAMINATION NOTED FIVE (5) FORIEGN OBJECTS IN VARIOUS LOCATIONS. OBJECTS WERE REMOVED AND EXAMINATION WAS ACCEPTABLE .
	VESSEL INTERIOR (REF. DWG. NO. V-001, 008)							
933100	IVVI-302 CIRC WELD ABOVE CORE BARREL SHROUD	B-N-3 B13.70	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	VESSEL INTERIOR (REF. DWG. NO. V-009, 010)							
933250	IVVI-305 TOP OF FORMERS (0 TO 360 DEG.) PLAN VIEW	B-N-3 B13.70	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.
	VESSEL INTERIOR (REF. DWG. NO. V-001)							
933300	IVVI-306 INSIDE CORE BARREL TOP FLG-TO-SHELL WELD	B-N-3 B13.70	VT-3	54-ISI-364-00	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE.

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CLASS 1 SYSTEMS (REF. DWG. NO. N/A)							
950000	SPT-2-RC-001 ALL CLASS 1 SYSTEMS	B-P	VT-2	SCRAISZZ0006Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-2 EXAMINATION NOTED LEAKING END CAPS AT VALVES 21-CV-102, 21 THRU 24 CV-291 AND 21 THRU 24 CV-292 ALL WERE TIGHTENED BY MAINTENENCE GROUP AND EXAM WAS ACCEPTABLE. **PERFORMED IN MODE 3.**
	#21 AFW PUMP AND PIPING BOUNDED BY 21AF3... (REF. DWG. NO. N/A)							
950050	SPT-2-AF-001 (AF) AUXILIARY FEED WATER SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 2AF3, 2AF42 & 21-24AF86 (REF. DWG. NO. N/A)							
950150	SPT-2-AF-003 (AF) AUXILIARY FEED WATER SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	FEED WATER FOR 21-24 S/G'S (REF. DWG. NO. N/A)							
950225	SPT-2-BF-001 (BF) BOILER FEED SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. VT-2 EXAMINATION PERFORMED ON STEAM GENERATORS #21, #22, #23, AND #24 **PERFORMED IN MODE 3.**
	BOUNDED BY 21 & 22CA330 & 21 & 22CA543 (REF. DWG. NO. N/A)							
950250	SPT-2-CA-001 (CA) CONTROL AIR	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 2CA1714 & AIRLOCK DOOR SEALS (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 2CA1714 & AIRLOCK DOOR SEALS (REF. DWG. NO. N/A)							
950260	SPT-2-CA-002 (CA) CONTROL AIR	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 2CA1715 & AIRLOCK DOOR SEALS (REF. DWG. NO. N/A)							
950270	SPT-2-CA-003 (CA) CONTROL AIR	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 2CC911 & 2CC313 INSIDE OF CONTAINMENT (REF. DWG. NO. N/A)							
950500	SPT-2-CC-005 (CC) COMPONENT COOLING SYSTEM	C-H/D-B	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY #2 CONTROL RM A/C UNIT, #2 EXPANSION... (REF. DWG. NO. N/A)							
950550	SPT-2-CH-001 (CH) CHILLED WATER SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #2 ECAC & MS RAD MONITORS FOR THE S/G (REF. DWG. NO. N/A)							
950600	SPT-2-CH-002 (CH) CHILLED WATER SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY 2CS900, 2CS901, 2CS902 & 2CS903 (REF. DWG. NO. N/A)							
950800	SPT-2-CS-004 (CS) CONTAINMENT SPRAY SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BORIC ACID RECIRC. (100' & 120'), VCT ROOM... (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BORIC ACID RECIRC. (100' & 120'), VCT ROOM... (REF. DWG. NO. N/A)							
950850	SPT-2-CV-001 (CVC) CHEMICAL VOLUME CONTROL SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1-3**
	CVC PIPING (REF. DWG. NO. N/A)							
950900	SPT-2-CV-002 (CVC) CHEMICAL VOLUME CONTROL SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	#23 CENTRIFUGAL CHARGING PUMP (REF. DWG. NO. N/A)							
951100	SPT-2-CV-006 (CVC) CHEMICAL VOLUME CONTROL SYSTEM	C-H	-	-	-	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. 23 CHARGING PUMP IS ABANDONED IN PLACE, NO SPT. REQUIRED AT HIS TIME. **PERFORMED IN MODE 3.**
	BOUNDED BY 21-24 S/G BLOWDOWN LINES TO 21-24GB4 (REF. DWG. NO. N/A)							
951250	SPT-2-GB-001 (GB) GENERATOR BLOWDOWN SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	#21-24 S/G MAIN STEAM PIPING (REF. DWG. NO. N/A)							
951300	SPT-2-MS-001 (MS) MAIN STEAM SYSTEM	C-H/D-B	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 OR 3.**
	BOUNDED BY THE RWST & PUMP SUCTION PIPING (REF. DWG. NO. N/A)							
951800	SPT-2-SJ-001 (SJ) SAFETY INJECTION SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 21-24 ACCUMULATOR & 2SJ60 (REF. DWG. NO. N/A)							

'RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 21-24 ACCUMULATOR & 2SJ60 (REF. DWG. NO. N/A)							
951850	SPT-2-SJ-002 (SJ) SAFETY INJECTION SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 21 & 22 SJ44 TO SUCTION OF RHR PUMPS (REF. DWG. NO. N/A)							
951900	SPT-2-SJ-003 (SJ) SAFETY INJECTION SYSTEM	D-A *D1.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 21SS93 & 21SS94 (REF. DWG. NO. N/A)							
952450	SPT-2-SS-005 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 3.**
	BOUNDED BY 22SS93 & 22SS94 (REF. DWG. NO. N/A)							
952500	SPT-2-SS-006 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 3.**
	BOUNDED BY 23SS93 & 23SS94 (REF. DWG. NO. N/A)							
952550	SPT-2-SS-007 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5.**
	BOUNDED BY 24SS93 & 24SS94 (REF. DWG. NO. N/A)							
952600	SPT-2-SS-008 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 3.**
	BOUNDED BY 21VC17 & 21VC19 (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 21VC17 & 21VC19 (REF. DWG. NO. N/A)							
952650	SPT-2-SS-009 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 21VC18 & 21VC20 (REF. DWG. NO. N/A)							
952700	SPT-2-SS-010 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 22VC17 & 22VC19 (REF. DWG. NO. N/A)							
952800	SPT-2-SS-012 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 23SS181 & 23SS182 (REF. DWG. NO. N/A)							
952850	SPT-2-SS-013 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 21SS181 & 21SS182 (REF. DWG. NO. N/A)							
952900	SPT-2-SS-014 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 23SS184 & 23SS185 (REF. DWG. NO. N/A)							
952950	SPT-2-SS-015 (SS) SAMPLING SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY S.W. INTAKE DISCH. HDRS BAYS 1 & 2 (REF. DWG. NO. N/A)							

'RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY S.W. INTAKE DISCH. HDRS BAYS 1 & 2 (REF. DWG. NO. N/A)							
953050	SPT-2-SW-001 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #23 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953100	SPT-2-SW-002 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #22 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953150	SPT-2-SW-003 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #21 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953200	SPT-2-SW-004 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #26 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953250	SPT-2-SW-005 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #25 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953300	SPT-2-SW-006 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #24 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY #24 S.W. PUMP & STRAINER (REF. DWG. NO. N/A)							
953350	SPT-2-SW-007 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #21 & 22 S.W HEADERS (REF. DWG. NO. N/A)							
953400	SPT-2-SW-008 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #21 RHR PUMP ROOM COOLER (REF. DWG. NO. N/A)							
953500	SPT-2-SW-010 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY #21 CCW PUMP ROOM COOLER (REF. DWG. NO. N/A)							
953650	SPT-2-SW-013 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #2 AFW PUMP ROOM COOLER (REF. DWG. NO. N/A)							
953700	SPT-2-SW-014 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY 2A EMERG. DIESEL GENERATOR SW VALVES (REF. DWG. NO. N/A)							
953750	SPT-2-SW-015 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5.**
	BOUNDED BY 2B EMERG. DIESEL GENERATOR SW VALVES (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 2B EMERG. DIESEL GENERATOR SW VALVES (REF. DWG. NO. N/A)							
953800	SPT-2-SW-016 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5.**
	BOUNDED BY 2C EMERG. DIESEL GENERATOR SW VALVES (REF. DWG. NO. N/A)							
953850	SPT-2-SW-017 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY 21SW23 & 22SW23 (REF. DWG. NO. N/A)							
953900	SPT-2-SW-018 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #22 CCW HEAT EXCHANGER (REF. DWG. NO. N/A)							
953950	SPT-2-SW-019 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #22 CCW PUMP ROOM COOLER (REF. DWG. NO. N/A)							
954000	SPT-2-SW-020 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1.**
	BOUNDED BY #22 RHR ROOM COOLER (REF. DWG. NO. N/A)							
954050	SPT-2-SW-021 (SW) SERVICE WATER SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 2VC7 & 2VC8 (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 2VC7 & 2VC8 (REF. DWG. NO. N/A)							
954750	SPT-2-VC-002 (VC) CONTAINMENT VENTILATION SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 2VC9 & 2VC10 (REF. DWG. NO. N/A)							
954850	SPT-2-VC-004 (VC) CONTAINMENT VENTILATION SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5.**
	BOUNDED BY 2VC13 & 2VC14 (REF. DWG. NO. N/A)							
954950	SPT-2-VC-006 (VC) CONTAINMENT VENTILATION SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 2VC3 & 2VC4 (REF. DWG. NO. N/A)							
955000	SPT-2-VC-007 (VC) CONTAINMENT VENTILATION SYSTEM	C-H	\VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 21-24 WGDT, 21 & 22 WGC... (REF. DWG. NO. N/A)							
955050	SPT-2-WG-001 (WG) WASTE GAS SYSTEM	D-B D2.10	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	BOUNDED BY 2WL98, 99 & 108 (REF. DWG. NO. N/A)							
955100	SPT-2-WL-001 (WL) WASTE LIQUID SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
	BOUNDED BY 2WL12 & 2WL13 (REF. DWG. NO. N/A)							

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	BOUNDED BY 2WL12 & 2WL13 (REF. DWG. NO. N/A)							
955250	SPT-2-WL-004 (WL) WASTE LIQUID SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 5.**
	BOUNDED BY 2WL16 & 2WL17 (REF. DWG. NO. N/A)							
955300	SPT-2-WL-005 (WL) WASTE LIQUID SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THUR 5.**
	BOUNDED BY 2WR80 & 2WR81 (REF. DWG. NO. N/A)							
955350	SPT-2-WR-001 (WR) WASTE RECOVERY SYSTEM	C-H	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 3.**
	(REF. DWG. NO. N/A)							
958010	NR-SPT-2-BR-001 (BR) BORON RECOVERY	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005844 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958020	NR-SPT-2-CS-001 (CS) CONTAINMENT SPRAY	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - PERFORM NR-SPT AS PER W/O# 30005849. **PERFORMED IN MODE 1 THRU 5**
958030	NR-SPT-2-CS-002 (CS) CONTAINMENT SPRAY	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - PERFORM NR-SPT AS PER W/O# 30005857. **PERFORMED IN MODE 1 THRU 5**

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	(REF. DWG. NO. N/A)							
958040	NR-SPT-2-CV-001 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005862 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958050	NR-SPT-2-CV-002 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005872 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958060	NR-SPT-2-CV-003 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958070	NR-SPT-2-CV-004 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005898 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958080	NR-SPT-2-CV-005 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005872 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958090	NR-SPT-2-CV-006 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958100	NR-SPT-2-CV-007 (CV) CHEMICAL & VOLUME CONTROL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005913 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958110	NR-SPT-2-RH-001 (RH) REHEAT REMOVAL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - NDE (VT-2) PERFORMED UNDER WORK ORDER# 30005918. **PERFORMED IN MODE 1 THRU 5**

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	(REF. DWG. NO. N/A)							
958120	NR-SPT-2-RH-002 (RH) REHEAT REMOVAL	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005925 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958130	NR-SPT-2-SI-001 (SJ) SAFETY INJECTION	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - PERFORM VT-2 UNDER W\O# 30005931. **PERFORMED IN MODE 1 THRU 5**
958140	NR-SPT-2-SI-002 (SJ) SAFETY INJECTION	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - PERFORMED VT-A UDER W/O# 30005944 **PERFORMED IN MODE 1 THRU 5**
958150	NR-SPT-2-SI-003 (SJ) SAFETY INJECTION	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - PERFORMED VT-2 UNDER W/O# 30005948. **PERFORMED IN MODE 1 THRU 5**
958160	NR-SPT-2-SS-001 (SS) SAMPLING SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005952 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958170	NR-SPT-2-SS-002 (SS) SAMPLING SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	-	-	X	00RF - ORDER# 30005958 TO PERFORM NDE. THE FOLLOWING NOTIF. WERE WRITTEN ON LEAKS: 20038719 & 20038720. **PERFORMED IN MODE 1 THRU 5**

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	(REF. DWG. NO. N/A)							
958180	NR-SPT-2-SS-003 (SS) SAMPLING SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - VT-2 WAS PERFORMED UNDER W/O # 30005962.. **PERFORMED IN MODE 1 THRU 5**
958190	NR-SPT-2-SS-004 (SS) SAMPLING SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	-	-	X	00RF - ORDER# 30005966 TO PERFORM NDE. THE FOLLOWING NOTIF. WERE WRITTEN DUE TO LEAKS: 20038761, 20038762, 20038763, & 20038764. **PERFORMED IN MODE 1 THRU 5**
958200	NR-SPT-2-WG-001 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005971 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958210	NR-SPT-2-WG-002 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005974 TO PREFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958220	NR-SPT-2-WG-003 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005979 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958230	NR-SPT-2-WG-004 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005983 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**
958240	NR-SPT-2-WG-005 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - NDE (VT-2) EXAMINATION FOR W/O# 30005988 WAS ENCOMPASSED AND PERFORMED UNDER SPT-2-WG-001 SUM# 955050 ON 07/31/2000. **PERFORMED IN MODE 1 THRU 5**

RESSURE TEST

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	(REF. DWG. NO. N/A)							
958250	NR-SPT-2-WG-006 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	**PERFORMED IN MODE 1 THRU 5**
958260	NR-SPT-2-WG-007 (WG) WASTE GAS SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	**PERFORMED IN MODE 1 THRU 5**
958270	NR-SPT-2-WL-001 (WL) WASTE LIQUID SYSTEM	A-E NR0578	VT-2	SCRAISZZ0006Q	X	-	-	00RF - ORDER# 30005997 TO PERFORM NDE. **PERFORMED IN MODE 1 THRU 5**

IS-1 (90 DAY REPORT)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	NIS-1 (90 DAY REPORT)	(REF. DWG. NO.)						
999010	NIS-1 (90 DAY REPORT)	A-A		--				
	NIS-1 (90 DAY REPORT)	ASME						

Document Control Desk
LRN-01-0060

ENCLOSURE 3
ISI RFO FLYWHEEL RESULTS
S2RFO#11, REV. 0

PSE&G

ISI

PUBLIC SERVICE ELEC. & GAS

SALEM NUCLEAR GENERATING STATION UNIT 2

ISI RFO FLYWHEEL RESULTS FILE (S2RFO#11, REV. 0)
XCSAYKFPJHN0ZTDRMLEB STATUS COMPONENTS
SECOND INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

December 12, 2000
REVISION 00

Prepared By: _____ Date 12-12-00

Peer Review: _____ Date 2/2/01

ANII Review: _____ Date 2-5-01

FACTORY MUTUAL
INSURANCE COMPANY

SALEM COMMON RCP FLYWHEELS UNIT C
INSERVICE INSPECTION SUMMARY
SECOND INTERVAL, THIRD PERIOD, SECOND OUTAGE (00RF)
CLASS RCP FLY PERIOD CMPL COMPONENTS

CP MOTOR FLYWHEEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	REACTOR COOLANT (REF. DWG. NO.)							
004000	4S-75P790 (#22) RCP MOTOR POSITION	A-E RG1.14	UT45S	54-ISI-117-20	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **42-SAM / 50-SAM**
005000	1S-76P917 (#21) RCP MOTOR POSITION	A-E RG1.14	UT45S	54-ISI-117-20	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. LOCATION - #21 RCP. **42-SAM / 50-SAM**
006000	2S-76P917 (#24) RCP MOTOR POSITION	A-E RG1.14	UT45S	54-ISI-117-20	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **42-SAM / 50-SAM**
007000	3S-76P917 (#23) RCP MOTOR POSITION	A-E RG1.14	UT45S	54-ISI-117-20	X	-	-	00RF - FTI UNDER ORDER# 50000262 TO PERFORM NDE. **42-SAM / 50-SAM**

Document Control Desk
LRN-01-0060

ENCLOSURE 4
ISI RFO IWE / IWL RESULTS
S2RFO#11, REV. 0

PSE&G

ISI

PUBLIC SERVICE ELEC. & GAS

SALEM NUCLEAR GENERATING STATION UNIT 2

ISI RFO IWE/IWL RESULTS FILE(S2RFO#11, REV.0)
XCSAYKFPJHN0ZTDRMLEB STATUS COMPONENTS
SECOND INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

January 25, 2001
REVISION 00

Prepared By: _____ Date 1-25-01

Peer Review: _____ Date 2/2/01

ANII Review: _____ Date 2-5-01

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-001)							
820000	LNR-S2-QUAD-000A-078 QUADRANT "A" FROM 78' TO 100'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
820100	LNR-S2-QUAD-000B-078 QUADRANT "B" FROM 78' TO 100'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
820200	LNR-S2-QUAD-000C-078 QUADRANT "C" FROM 78' TO 100'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING # 20044613 FOR EFFLORENSCENE
820300	LNR-S2-QUAD-000D-078 QUADRANT "D" FROM 78' TO 100'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING # 20044613 FOR EFFLORENSCENE

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-001)							
820400	LNR-S2-QUAD-000A-100 QUADRANT "A" FROM 100' TO 130'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
820500	LNR-S2-QUAD-000B-100 QUADRANT "B" FROM 100' TO 130'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
820600	LNR-S2-QUAD-000C-100 QUADRANT "C" FROM 100' TO 130'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
820700	LNR-S2-QUAD-000D-100 QUADRANT "D" FROM 100' TO 130'	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-001)							
820800	LNR-S2-QUAD-000A-130 QUADRANT "A" FROM 130' TO 218'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
820900	LNR-S2-QUAD-000B-130 QUADRANT "B" FROM 130' TO 218'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821000	LNR-S2-QUAD-000C-130 QUADRANT "C" FROM 130' TO 218'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821100	LNR-S2-QUAD-000D-130 QUADRANT "D" FROM 130' TO 218'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821200	LNR-S2-QUAD-000A-218 QUADRANT "A" FROM 218' TO 288'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821300	LNR-S2-QUAD-000B-218 QUADRANT "B" FROM 218 'TO 288'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821400	LNR-S2-QUAD-000C-218 QUADRANT "C" FROM 218' TO 288'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
821500	LNR-S2-QUAD-000D-218 QUADRANT "D" FROM 218' TO 288'	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT MOISTURE BARRIER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL LOWER LINER MOISTURE BARRIER (REF. DWG. NO. E-001)							
821600	MBR-S2-QUAD-000A-078 QUAD "A" MOIST BAR @ 78' EL. 0/90 DEG	E-A E1.30	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
821700	MBR-S2-QUAD-000B-078 QUAD "B" MOIST BAR @ 78' EL. 270/0 DEG	E-A E1.30	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
821800	MBR-S2-QUAD-000C-078 QUAD "C" MOIST BAR @ 78' EL. 180/270 DE	E-A E1.30	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING
	CONT. VESSEL LOWER LINER MOISTURE BARRIER (REF. DWG. NO. E-002)							
821900	MBR-S2-QUAD-000D-078 QUAD "D" MOIST BAR @ 78' EL. 90/180 DEG	E-A E1.30	VT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED THE FOLLOWING CONDITIONS AND MAINTENANCE TO BE PERFORMED UNDER THE FOLLOWING NOTIFICATIONS. # 20044616 FOR PAINT BLISTERING # 20044615 FOR LIGHT TO HEAVY RUSTING

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-024)							
822000	PEN-S2-M-01 QUADRANT "A" MECH PEN AT 108' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822100	PEN-S2-M-02 QUADRANT "B" MECH PEN AT 108' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822200	PEN-S2-M-03 QUADRANT "D" MECH PEN AT 108' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822300	PEN-S2-M-04 QUADRANT "C" MECH PEN AT 108' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822400	PEN-S2-M-05 QUADRANT "A" MECH PEN AT 107' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822500	PEN-S2-M-06 QUADRANT "B" MECH PEN AT 96' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822600	PEN-S2-M-07 QUADRANT "D" MECH PEN AT 96' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
822700	PEN-S2-M-08 QUADRANT "C" MECH PEN AT 96' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-024)							
822800	PEN-S2-M-09 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-023)							
822900	PEN-S2-M-10 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823000	PEN-S2-M-11 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-020)							
823100	PEN-S2-M-12 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823200	PEN-S2-M-13 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823300	PEN-S2-M-14 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823400	PEN-S2-M-15 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-023)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-023)							
823500	PEN-S2-M-16 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823600	PEN-S2-M-17 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823700	PEN-S2-M-18 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-019)							
823800	PEN-S2-M-19 QUADRANT "D" MECH PEN AT 124' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
823900	PEN-S2-M-20 QUADRANT "D" MECH PEN AT 124' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-021)							
824000	PEN-S2-M-21 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
824100	PEN-S2-M-22 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-021)							
824200	PEN-S2-M-23 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
824300	PEN-S2-M-24 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
824400	PEN-S2-M-25 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
824500	PEN-S2-M-26 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
824600	PEN-S2-M-27 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-036)							
824700	PEN-S2-M-28 QUADRANT "A" MECH PEN AT 70' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
824800	PEN-S2-M-29 QUADRANT "D" MECH PEN AT 70' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-036)							
824900	PEN-S2-M-30 QUADRANT "A" MECH PEN AT 50' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	-	PENETRATION IS INACCESSIBLE DUE TO SJ44 VALVE ROOM COVER. NOTIFICATION #20046204 WAS WRITTEN. EXAM TO BE PERFORMED ONLY WHEN ROOM COVER IS REMOVED.
825000	PEN-S2-M-31 QUADRANT "D" MECH PEN AT 50' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	-	-	-	PENETRATION IS INACCESSIBLE DUE TO SJ44 VALVE ROOM COVER. NOTIFICATION #20046204 WAS WRITTEN. EXAM TO BE PERFORMED ONLY WHEN ROOM COVER IS REMOVED.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
825100	PEN-S2-M-32 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
825200	PEN-S2-M-33 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
825300	PEN-S2-M-34 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
825400	PEN-S2-M-35 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

SECOND INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS M XCSAYKFPJHN0ZTDRMLEB STATUS COMPONENTS

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
825500	PEN-S2-M-36 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
825600	PEN-S2-M-37 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-034)							
825700	PEN-S2-M-38 QUADRANT "D" FUEL TRANS TUBE AT 91' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
825800	PEN-S2-M-39 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
825900	PEN-S2-M-40 QUADRANT "D" MECH PEN AT 124' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826000	PEN-S2-M-41 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826100	PEN-S2-M-42 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
826200	PEN-S2-M-43 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826300	PEN-S2-M-44 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826400	PEN-S2-M-45 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-018)							
826500	PEN-S2-M-46 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826600	PEN-S2-M-47 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826700	PEN-S2-M-48 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
826800	PEN-S2-M-49 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-018)							
826900	PEN-S2-M-50 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827000	PEN-S2-M-51 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827100	PEN-S2-M-52 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827200	PEN-S2-M-53 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827300	PEN-S2-M-54 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827400	PEN-S2-M-55 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827500	PEN-S2-M-56 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
827600	PEN-S2-M-57 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-021)							
827700	PEN-S2-M-58 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
827800	PEN-S2-M-59 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
827900	PEN-S2-M-60 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-018)							
828000	PEN-S2-M-61 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-023)							
828100	PEN-S2-M-62 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-023)							
828200	PEN-S2-M-63 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-034)							
828300	PEN-S2-M-64 QUADRANT "D" FUEL TRANS TUBE AT 91' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. THIS COMPONENT IS LOCATED INSIDE A WALL AND IS INACCESSABLE.
828400	PEN-S2-M-65 QUADRANT "D" MECH PEN AT 91' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-018)							
828500	PEN-S2-M-66 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-021)							
828600	PEN-S2-M-67 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
828700	PEN-S2-M-68 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-021)							
828800	PEN-S2-M-69 QUADRANT "D" MECH PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-022)							
828900	PEN-S2-M-70 QUADRANT "D" MECH PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
829000	PEN-S2-M-71 QUADRANT "D" MECH PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
829200	PEN-S2-E-01 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
829300	PEN-S2-E-02 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
829400	PEN-S2-E-03 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
829500	PEN-S2-E-04 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
829600	PEN-S2-E-05 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
829700	PEN-S2-E-06 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
829800	PEN-S2-E-07 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
829900	PEN-S2-E-08 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
830000	PEN-S2-E-09 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
830100	PEN-S2-E-10 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
830200	PEN-S2-E-11 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
830300	PEN-S2-E-12 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
830400	PEN-S2-E-13 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
830500	PEN-S2-E-14 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
830600	PEN-S2-E-15 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
830700	PEN-S2-E-16 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
830800	PEN-S2-E-17 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
830900	PEN-S2-E-18 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
831000	PEN-S2-E-19 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
831100	PEN-S2-E-20 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
831200	PEN-S2-E-21 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
831300	PEN-S2-E-22 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
831400	PEN-S2-E-23 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
831500	PEN-S2-E-24 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
831600	PEN-S2-E-25 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
831700	PEN-S2-E-26 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
831800	PEN-S2-E-27 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
831900	PEN-S2-E-28 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
832000	PEN-S2-E-29 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
832100	PEN-S2-E-30 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
832200	PEN-S2-E-31 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
832300	PEN-S2-E-32 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
832400	PEN-S2-E-33 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
832500	PEN-S2-E-34 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
832600	PEN-S2-E-35 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
832700	PEN-S2-E-36 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
832800	PEN-S2-E-37 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
832900	PEN-S2-E-38 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
833000	PEN-S2-E-39 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
833100	PEN-S2-E-40 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
833200	PEN-S2-E-41 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
833300	PEN-S2-E-42 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
833400	PEN-S2-E-43 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
833500	PEN-S2-E-44 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
833600	PEN-S2-E-45 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
833700	PEN-S2-E-46 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
833800	PEN-S2-E-47 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
833900	PEN-S2-E-48 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834000	PEN-S2-E-49 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
834100	PEN-S2-E-50 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
834200	PEN-S2-E-51 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834300	PEN-S2-E-52 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834400	PEN-S2-E-53 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834500	PEN-S2-E-54 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834600	PEN-S2-E-55 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
834700	PEN-S2-E-56 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
834800	PEN-S2-E-57 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
834900	PEN-S2-E-58 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
835000	PEN-S2-E-59 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
835100	PEN-S2-E-60 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
835200	PEN-S2-E-61 QUADRANT "A" ELECT PEN AT 85' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
835300	PEN-S2-E-62 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
835400	PEN-S2-E-63 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-030)							
835500	PEN-S2-E-64 QUADRANT "A" ELECT PEN AT 90' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-029)							
835600	PEN-S2-E-65 QUADRANT "A" ELECT PEN AT 88' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-055)							
835700	ALK-S2-100-AIRLOCK QUADRANT "D" AIRLOCK AT 100' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
835800	ALK-S2-130-AIRLOCK QUADRANT "D" AIRLOCK AT 130' EL.	E-A E1.11	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-017)							
835900	HCH-S2-130-EQ.HATCH QUADRANT "C" EQUIPMENT HATCH AT 130' EL.	E-A E1.11	ýVT-G	SHRAISZZ0004Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-3 EXAM NOTED A 1/32" GOUGE ON THE INNER EQUIPMENT HATCH COVER. MAINT. TO PERFORM CORRECTIVE ACTION UNDER NOTIFICATION # 20044617.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. 205392)							
836000	PNL-S2-242-2 EMBEDDED LEAK CHASE CHANNEL PANEL 242-2	E-A AE-01	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **REF.EVAL: S-C-SEE-1032-0**

CONTAINMENT VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. 205392)							
836100	PNL-S2-243-2 EMBEDDED LEAK CHASE CHANNEL PANEL 243-2	E-A AE-01	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **REF.EVAL: S-C-SEE-1032-0**
836200	PNL-S2-244-2 EMBEDDED LEAK CHASE CHANNEL PANEL 244-2	E-A AE-01	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE. **REF.EVAL: S-C-SEE-1032-0**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. 211294)							
836300	PNL-S2-343-2 TUBING FROM FUEL XFER TUBE TO PNL 343-2	E-A AE-02	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. E-066)							
836400	ALK-S2-100-TUBING 100 AIRLOCK TEST TUBING	E-A AE-03	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.
836500	ALK-S2-130-TUBING 130 AIRLOCK TEST TUBING	E-A AE-03	VT-G	SHRAISZZ0004Q	X	-	-	00RF - ORDER# 50000262 TO PERFORM NDE.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
900000	CON-S2-QUAD-000A-01 CONCRETE SURFACES QUAD "A" CYL ROW 01	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900100	CON-S2-QUAD-000A-02 CONCRETE SURFACES QUAD "A" CYL ROW 02	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900200	CON-S2-QUAD-000A-03 CONCRETE SURFACES QUAD "A" CYL ROW 03	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900300	CON-S2-QUAD-000A-04 CONCRETE SURFACES QUAD "A" CYL ROW 04	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
900400	CON-S2-QUAD-000A-05 CONCRETE SURFACES QUAD "A" CYL ROW 05	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900500	CON-S2-QUAD-000A-06 CONCRETE SURFACES QUAD "A" CYL ROW 06	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SLIGHT SURFACE EROSION AND SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900600	CON-S2-QUAD-000A-07 CONCRETE SURFACES QUAD "A" CYL ROW 07	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE PROTRUDING FROM WALL NOTED ON NOTI # 20044414
900700	CON-S2-QUAD-000A-08 CONCRETE SURFACES QUAD "A" CYL ROW 08	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
900800	CON-S2-QUAD-000A-09 CONCRETE SURFACES QUAD "A" CYL ROW 09	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
900900	CON-S2-QUAD-000A-10 CONCRETE SURFACES QUAD "A" CYL ROW 10	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901000	CON-S2-QUAD-000A-11 CONCRETE SURFACES QUAD "A" CYL ROW 11	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901100	CON-S2-QUAD-000A-12 CONCRETE SURFACES QUAD "A" CYL ROW 12	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901200	CON-S2-QUAD-000A-13 CONCRETE SURFACES QUAD "A" CYL ROW 13	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
901300	CON-S2-QUAD-000A-14 CONCRETE SURFACES QUAD "A" CYL ROW 14	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901400	CON-S2-QUAD-000A-15 CONCRETE SURFACES QUAD "A" CYL ROW 15	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901500	CON-S2-QUAD-000A-16 CONCRETE SURFACES QUAD "A" CYL ROW 16	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901600	CON-S2-QUAD-000A-17 CONCRETE SURFACES QUAD "A" CYL ROW 17	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901700	CON-S2-QUAD-000A-18 CONCRETE SURFACES QUAD "A" CYL ROW 18	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
901800	CON-S2-QUAD-000A-19 CONCRETE SURFACES QUAD "A" CYL ROW 19	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
901900	CON-S2-QUAD-000A-20 CONCRETE SURFACES QUAD "A" CYL ROW 20	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902000	CON-S2-QUAD-000A-21 CONCRETE SURFACES QUAD "A" CYL ROW 21	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902100	CON-S2-QUAD-000A-22 CONCRETE SURFACES QUAD "A" CYL ROW 22	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902200	CON-S2-QUAD-000A-23 CONCRETE SURFACES QUAD "A" CYL ROW 23	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
902300	CON-S2-QUAD-000A-24 CONCRETE SURFACES QUAD "A" CYL ROW 24	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902400	CON-S2-QUAD-000A-25 CONCRETE SURFACES QUAD "A" CYL ROW 25	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902500	CON-S2-QUAD-000B-01 CONCRETE SURFACES QUAD "B" CYL ROW 01	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A STUD PROTRUDING FROM WALL AS NOTED ON NOTIFICATION# 20044414.
902600	CON-S2-QUAD-000B-02 CONCRETE SURFACES QUAD "B" CYL ROW 02	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A STUD PROTRUDING FROM WALL AS NOTED ON NOTIFICATION# 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
902700	CON-S2-QUAD-000B-03 CONCRETE SURFACES QUAD "B" CYL ROW 03	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A STUD PROTRUDING FROM WALL AS NOTED ON NOTIFICATION# 20044414.
902800	CON-S2-QUAD-000B-04 CONCRETE SURFACES QUAD "B" CYL ROW 04	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
902900	CON-S2-QUAD-000B-05 CONCRETE SURFACES QUAD "B" CYL ROW 05	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903000	CON-S2-QUAD-000B-06 CONCRETE SURFACES QUAD "B" CYL ROW 06	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
903100	CON-S2-QUAD-000B-07 CONCRETE SURFACES QUAD "B" CYL ROW 07	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903200	CON-S2-QUAD-000B-08 CONCRETE SURFACES QUAD "B" CYL ROW 08	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903300	CON-S2-QUAD-000B-09 CONCRETE SURFACES QUAD "B" CYL ROW 09	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903400	CON-S2-QUAD-000B-10 CONCRETE SURFACES QUAD "B" CYL ROW 10	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
903500	CON-S2-QUAD-000B-11 CONCRETE SURFACES QUAD "B" CYL ROW 11	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903600	CON-S2-QUAD-000B-12 CONCRETE SURFACES QUAD "B" CYL ROW 12	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903700	CON-S2-QUAD-000B-13 CONCRETE SURFACES QUAD "B" CYL ROW 13	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
903800	CON-S2-QUAD-000B-14 CONCRETE SURFACES QUAD "B" CYL ROW 14	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
903900	CON-S2-QUAD-000B-15 CONCRETE SURFACES QUAD "B" CYL ROW 15	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904000	CON-S2-QUAD-000B-16 CONCRETE SURFACES QUAD "B" CYL ROW 16	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904100	CON-S2-QUAD-000B-17 CONCRETE SURFACES QUAD "B" CYL ROW 17	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904200	CON-S2-QUAD-000B-18 CONCRETE SURFACES QUAD "B" CYL ROW 18	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
904300	CON-S2-QUAD-000B-19 CONCRETE SURFACES QUAD "B" CYL ROW 19	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904400	CON-S2-QUAD-000B-20 CONCRETE SURFACES QUAD "B" CYL ROW 20	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904500	CON-S2-QUAD-000B-21 CONCRETE SURFACES QUAD "B" CYL ROW 21	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904600	CON-S2-QUAD-000B-22 CONCRETE SURFACES QUAD "B" CYL ROW 22	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
904700	CON-S2-QUAD-000B-23 CONCRETE SURFACES QUAD "B" CYL ROW 23	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904800	CON-S2-QUAD-000B-24 CONCRETE SURFACES QUAD "B" CYL ROW 24	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
904900	CON-S2-QUAD-000B-25 CONCRETE SURFACES QUAD "B" CYL ROW 25	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
905000	CON-S2-QUAD-000C-01 CONCRETE SURFACES QUAD "C" CYL ROW 01	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
905100	CON-S2-QUAD-000C-02 CONCRETE SURFACES QUAD "C" CYL ROW 02	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905200	CON-S2-QUAD-000C-03 CONCRETE SURFACES QUAD "C" CYL ROW 03	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905300	CON-S2-QUAD-000C-04 CONCRETE SURFACES QUAD "C" CYL ROW 04	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905400	CON-S2-QUAD-000C-05 CONCRETE SURFACES QUAD "C" CYL ROW 05	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
905500	CON-S2-QUAD-000C-06 CONCRETE SURFACES QUAD "C" CYL ROW 06	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905600	CON-S2-QUAD-000C-07 CONCRETE SURFACES QUAD "C" CYL ROW 07	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905700	CON-S2-QUAD-000C-08 CONCRETE SURFACES QUAD "C" CYL ROW 08	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
905800	CON-S2-QUAD-000C-09 CONCRETE SURFACES QUAD "C" CYL ROW 09	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
905900	CON-S2-QUAD-000C-10 CONCRETE SURFACES QUAD "C" CYL ROW 10	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
906000	CON-S2-QUAD-000C-11 CONCRETE SURFACES QUAD "C" CYL ROW 11	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
906100	CON-S2-QUAD-000C-12 CONCRETE SURFACES QUAD "C" CYL ROW 12	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
906200	CON-S2-QUAD-000C-13 CONCRETE SURFACES QUAD "C" CYL ROW 13	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
906300	CON-S2-QUAD-000C-14 CONCRETE SURFACES QUAD "C" CYL ROW 14	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
906400	CON-S2-QUAD-000C-15 CONCRETE SURFACES QUAD "C" CYL ROW 15	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413. ALSO A PIPE/STUD PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
906500	CON-S2-QUAD-000C-16 CONCRETE SURFACES QUAD "C" CYL ROW 16	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
906600	CON-S2-QUAD-000C-17 CONCRETE SURFACES QUAD "C" CYL ROW 17	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
906700	CON-S2-QUAD-000C-18 CONCRETE SURFACES QUAD "C" CYL ROW 18	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
906800	CON-S2-QUAD-000C-19 CONCRETE SURFACES QUAD "C" CYL ROW 19	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
906900	CON-S2-QUAD-000C-20 CONCRETE SURFACES QUAD "C" CYL ROW 20	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907000	CON-S2-QUAD-000C-21 CONCRETE SURFACES QUAD "C" CYL ROW 21	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
907100	CON-S2-QUAD-000C-22 CONCRETE SURFACES QUAD "C" CYL ROW 22	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907200	CON-S2-QUAD-000C-23 CONCRETE SURFACES QUAD "C" CYL ROW 23	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907300	CON-S2-QUAD-000C-24 CONCRETE SURFACES QUAD "C" CYL ROW 24	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907400	CON-S2-QUAD-000C-25 CONCRETE SURFACES QUAD "C" CYL ROW 25	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
907500	CON-S2-QUAD-000D-01 CONCRETE SURFACES QUAD "D" CYL ROW 01	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907600	CON-S2-QUAD-000D-02 CONCRETE SURFACES QUAD "D" CYL ROW 02	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907700	CON-S2-QUAD-000D-03 CONCRETE SURFACES QUAD "D" CYL ROW 03	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907800	CON-S2-QUAD-000D-04 CONCRETE SURFACES QUAD "D" CYL ROW 04	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
907900	CON-S2-QUAD-000D-05 CONCRETE SURFACES QUAD "D" CYL ROW 05	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
908000	CON-S2-QUAD-000D-06 CONCRETE SURFACES QUAD "D" CYL ROW 06	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
908100	CON-S2-QUAD-000D-07 CONCRETE SURFACES QUAD "D" CYL ROW 07	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908200	CON-S2-QUAD-000D-08 CONCRETE SURFACES QUAD "D" CYL ROW 08	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908300	CON-S2-QUAD-000D-09 CONCRETE SURFACES QUAD "D" CYL ROW 09	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
908400	CON-S2-QUAD-000D-10 CONCRETE SURFACES QUAD "D" CYL ROW 10	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908500	CON-S2-QUAD-000D-11 CONCRETE SURFACES QUAD "D" CYL ROW 11	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908600	CON-S2-QUAD-000D-12 CONCRETE SURFACES QUAD "D" CYL ROW 12	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908700	CON-S2-QUAD-000D-13 CONCRETE SURFACES QUAD "D" CYL ROW 13	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
908800	CON-S2-QUAD-000D-14 CONCRETE SURFACES QUAD "D" CYL ROW 14	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
908900	CON-S2-QUAD-000D-15 CONCRETE SURFACES QUAD "D" CYL ROW 15	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909000	CON-S2-QUAD-000D-16 CONCRETE SURFACES QUAD "D" CYL ROW 16	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909100	CON-S2-QUAD-000D-17 CONCRETE SURFACES QUAD "D" CYL ROW 17	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
909200	CON-S2-QUAD-000D-18 CONCRETE SURFACES QUAD "D" CYL ROW 18	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909300	CON-S2-QUAD-000D-19 CONCRETE SURFACES QUAD "D" CYL ROW 19	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909400	CON-S2-QUAD-000D-20 CONCRETE SURFACES QUAD "D" CYL ROW 20	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909500	CON-S2-QUAD-000D-21 CONCRETE SURFACES QUAD "D" CYL ROW 21	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
909600	CON-S2-QUAD-000D-22 CONCRETE SURFACES QUAD "D" CYL ROW 22	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909700	CON-S2-QUAD-000D-23 CONCRETE SURFACES QUAD "D" CYL ROW 23	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909800	CON-S2-QUAD-000D-24 CONCRETE SURFACES QUAD "D" CYL ROW 24	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.
909900	CON-S2-QUAD-000D-25 CONCRETE SURFACES QUAD "D" CYL ROW 25	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY NOTED ON NOTI # 20044413. ALSO A BOLT PROTRUDING FROM WALL NOTED ON NOTI # 20044414.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
910000	CON-S2-QUAD-000D-078 CONCRETE SURFACES QUAD-D ELECT PEN AREA	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED MOISTURE SEAL TORN 2-3" AREA ON FLOOR APPROX. 8' SOUTH OF N/E CORNER, AND A HOLE APPROX. 5.X3. AT FUEL HANDLING PENETRATION WALL. MAINT. TO PERFORM REPAIRS UNDER NOTIFICATION # 20044416.
910100	CON-S2-QUAD-000C-078 CONCRETE SURFACES QUAD-C MECH PEN AREA	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED LIGHT TO MEDIUM RUST BY COVER 2PC62D BY SLEEVE 2DR29. 78' ELECTRICAL PENN. N/E CORNER ON FLOOR STEEL UNDER MOISTURE BARRIER MAINT TO PERFORM REPAIRS UNDER NOTIFICATION# 20044417.
910200	CON-S2-QUAD-000A-26 CONCRETE SURFACES QUAD "A" DOME ROW 26	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
910300	CON-S2-QUAD-000A-27 CONCRETE SURFACES QUAD "A" DOME ROW 27	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
910400	CON-S2-QUAD-000A-28 CONCRETE SURFACES QUAD "A" DOME ROW 28	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
910500	CON-S2-QUAD-000A-29 CONCRETE SURFACES QUAD "A" DOME ROW 29	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
910600	CON-S2-QUAD-000A-30 CONCRETE SURFACES QUAD "A" DOME ROW 30	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
910700	CON-S2-QUAD-000A-31 CONCRETE SURFACES QUAD "A" DOME ROW 31	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
910800	CON-S2-QUAD-000A-32 CONCRETE SURFACES QUAD "A" DOME ROW 32	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
910900	CON-S2-QUAD-000A-33 CONCRETE SURFACES QUAD "A" DOME ROW 33	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911000	CON-S2-QUAD-000A-34 CONCRETE SURFACES QUAD "A" DOME ROW 34	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911100	CON-S2-QUAD-000A-35 CONCRETE SURFACES QUAD "A" DOME ROW 35	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911200	CON-S2-QUAD-000A-36 CONCRETE SURFACES QUAD "A" DOME ROW 36	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911300	CON-S2-QUAD-000A-37 CONCRETE SURFACES QUAD "A" DOME ROW 37	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
911400	CON-S2-QUAD-000A-38 CONCRETE SURFACES QUAD "A" DOME ROW 38	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911500	CON-S2-QUAD-000A-39 CONCRETE SURFACES QUAD "A" DOME ROW 39	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911600	CON-S2-QUAD-000A-40 CONCRETE SURFACES QUAD "A" DOME ROW 40	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911700	CON-S2-QUAD-000A-41 CONCRETE SURFACES QUAD "A" DOME ROW 41	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
911800	CON-S2-QUAD-000A-42 CONCRETE SURFACES QUAD "A" DOME ROW 42	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
911900	CON-S2-QUAD-000A-43 CONCRETE SURFACES QUAD "A" DOME ROW 43	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912000	CON-S2-QUAD-000A-44 CONCRETE SURFACES QUAD "A" DOME ROW 44	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912100	CON-S2-QUAD-000A-45 CONCRETE SURFACES QUAD "A" DOME ROW 45	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912200	CON-S2-QUAD-000A-46 CONCRETE SURFACES QUAD "A" DOME ROW 46	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912300	CON-S2-QUAD-000B-26 CONCRETE SURFACES QUAD "B" DOME ROW 26	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
912400	CON-S2-QUAD-000C-26 CONCRETE SURFACES QUAD "C" DOME ROW 26	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912500	CON-S2-QUAD-000D-26 CONCRETE SURFACES QUAD "D" DOME ROW 26	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912600	CON-S2-QUAD-000B-27 CONCRETE SURFACES QUAD "B" DOME ROW 27	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912700	CON-S2-QUAD-000C-27 CONCRETE SURFACES QUAD "C" DOME ROW 27	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
912800	CON-S2-QUAD-000D-27 CONCRETE SURFACES QUAD "D" DOME ROW 27	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
912900	CON-S2-QUAD-000B-28 CONCRETE SURFACES QUAD "B" DOME ROW 28	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913000	CON-S2-QUAD-000C-28 CONCRETE SURFACES QUAD "C" DOME ROW 28	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913100	CON-S2-QUAD-000D-28 CONCRETE SURFACES QUAD "D" DOME ROW 28	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913200	CON-S2-QUAD-000B-29 CONCRETE SURFACES QUAD "B" DOME ROW 29	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913300	CON-S2-QUAD-000C-29 CONCRETE SURFACES QUAD "C" DOME ROW 29	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
913400	CON-S2-QUAD-000D-29 CONCRETE SURFACES QUAD "D" DOME ROW 29	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913500	CON-S2-QUAD-000B-30 CONCRETE SURFACES QUAD "B" DOME ROW 30	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913600	CON-S2-QUAD-000C-30 CONCRETE SURFACES QUAD "C" DOME ROW 30	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913700	CON-S2-QUAD-000D-30 CONCRETE SURFACES QUAD "D" DOME ROW 30	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
913800	CON-S2-QUAD-000B-31 CONCRETE SURFACES QUAD "B" DOME ROW 31	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
913900	CON-S2-QUAD-000C-31 CONCRETE SURFACES QUAD "C" DOME ROW 31	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914000	CON-S2-QUAD-000D-31 CONCRETE SURFACES QUAD "D" DOME ROW 31	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914100	CON-S2-QUAD-000B-32 CONCRETE SURFACES QUAD "B" DOME ROW 32	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914200	CON-S2-QUAD-000C-32 CONCRETE SURFACES QUAD "C" DOME ROW 32	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914300	CON-S2-QUAD-000D-32 CONCRETE SURFACES QUAD "D" DOME ROW 32	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
914400	CON-S2-QUAD-000B-33 CONCRETE SURFACES QUAD "B" DOME ROW 33	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914500	CON-S2-QUAD-000C-33 CONCRETE SURFACES QUAD "C" DOME ROW 33	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914600	CON-S2-QUAD-000D-33 CONCRETE SURFACES QUAD "D" DOME ROW 33	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914700	CON-S2-QUAD-000B-34 CONCRETE SURFACES QUAD "B" DOME ROW 34	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
914800	CON-S2-QUAD-000C-34 CONCRETE SURFACES QUAD "C" DOME ROW 34	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
914900	CON-S2-QUAD-000D-34 CONCRETE SURFACES QUAD "D" DOME ROW 34	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915000	CON-S2-QUAD-000B-35 CONCRETE SURFACES QUAD "B" DOME ROW 35	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915100	CON-S2-QUAD-000C-35 CONCRETE SURFACES QUAD "C" DOME ROW 35	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915200	CON-S2-QUAD-000D-35 CONCRETE SURFACES QUAD "D" DOME ROW 35	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915300	CON-S2-QUAD-000B-36 CONCRETE SURFACES QUAD "B" DOME ROW 36	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
915400	CON-S2-QUAD-000C-36 CONCRETE SURFACES QUAD "C" DOME ROW 36	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915500	CON-S2-QUAD-000D-36 CONCRETE SURFACES QUAD "D" DOME ROW 36	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915600	CON-S2-QUAD-000B-37 CONCRETE SURFACES QUAD "B" DOME ROW 37	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915700	CON-S2-QUAD-000C-37 CONCRETE SURFACES QUAD "C" DOME ROW 37	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
915800	CON-S2-QUAD-000D-37 CONCRETE SURFACES QUAD "D" DOME ROW 37	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
915900	CON-S2-QUAD-000B-38 CONCRETE SURFACES QUAD "B" DOME ROW 38	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916000	CON-S2-QUAD-000C-38 CONCRETE SURFACES QUAD "C" DOME ROW 38	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916100	CON-S2-QUAD-000D-38 CONCRETE SURFACES QUAD "D" DOME ROW 38	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
916200	CON-S2-QUAD-000B-39 CONCRETE SURFACES QUAD "B" DOME ROW 39	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916300	CON-S2-QUAD-000C-39 CONCRETE SURFACES QUAD "C" DOME ROW 39	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916400	CON-S2-QUAD-000D-39 CONCRETE SURFACES QUAD "D" DOME ROW 39	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916500	CON-S2-QUAD-000B-40 CONCRETE SURFACES QUAD "B" DOME ROW 40	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
916600	CON-S2-QUAD-000C-40 CONCRETE SURFACES QUAD "C" DOME ROW 40	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916600	CON-S2-QUAD-000D-40 CONCRETE SURFACES QUAD "D" DOME ROW 40	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916700	CON-S2-QUAD-000B-41 CONCRETE SURFACES QUAD "B" DOME ROW 41	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
916800	CON-S2-QUAD-000C-41 CONCRETE SURFACES QUAD "C" DOME ROW 41	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
916900	CON-S2-QUAD-000D-41 CONCRETE SURFACES QUAD "D" DOME ROW 41	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917000	CON-S2-QUAD-000B-42 CONCRETE SURFACES QUAD "B" DOME ROW 42	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917100	CON-S2-QUAD-000C-42 CONCRETE SURFACES QUAD "C" DOME ROW 42	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917200	CON-S2-QUAD-000D-42 CONCRETE SURFACES QUAD "D" DOME ROW 42	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
917300	CON-S2-QUAD-000B-43 CONCRETE SURFACES QUAD "B" DOME ROW 43	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917400	CON-S2-QUAD-000C-43 CONCRETE SURFACES QUAD "C" DOME ROW 43	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917500	CON-S2-QUAD-000D-43 CONCRETE SURFACES QUAD "D" DOME ROW 43	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917600	CON-S2-QUAD-000B-44 CONCRETE SURFACES QUAD "B" DOME ROW 44	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
917700	CON-S2-QUAD-000C-44 CONCRETE SURFACES QUAD "C" DOME ROW 44	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917800	CON-S2-QUAD-000D-44 CONCRETE SURFACES QUAD "D" DOME ROW 44	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
917900	CON-S2-QUAD-000B-45 CONCRETE SURFACES QUAD "B" DOME ROW 45	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
918000	CON-S2-QUAD-000C-45 CONCRETE SURFACES QUAD "C" DOME ROW 45	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

REINFORCED CONCRETE CONTAINMENT STRUCTURE

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CONT. VESSEL PRESSURE RETAINING BOUNDARY (REF. DWG. NO. L-001)							
918100	CON-S2-QUAD-000D-45 CONCRETE SURFACES QUAD "D" DOME ROW 45	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
918200	CON-S2-QUAD-000B-46 CONCRETE SURFACES QUAD "B" DOME ROW 46	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
918300	CON-S2-QUAD-000C-46 CONCRETE SURFACES QUAD "C" DOME ROW 46	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.
918400	CON-S2-QUAD-000D-46 CONCRETE SURFACES QUAD "D" DOME ROW 46	L-A L1.11	VT-G	SHRAISZZ0002Q	-	-	X	00RF - ORDER# 50000262 TO PERFORM NDE. VT-G EXAM NOTED AREAS OF SPALLING AND COATING CRACKING ON OUTSIDE SURFACE REQUIRING MAINT. UP KEEP ONLY AS NOTED ON NOTIFICATION # 20044413.

Document Control Desk
LRN-01-0060

ENCLOSURE 5
FORMS NIS-2 and NR-1

OWNER REPORT FOR REPAIRS AND REPLACEMENTS

Index of NIS-2 and NR-1 Forms

CJP NO	WORK ORDER	COMPONENT ID	WORK DESCRIPTION	ASME CLASS
*S00017	60006052	S2CVC-21CV157	REPLACE BONNET	2
*S00035	30004072	21SW58	REPLACE VALVE INKIND AND BOLTING IF REQ'	2
*S00090	CM980806227	S2SJ -21SJ136	REPLACE VALVE	1
*S99150	60001261	10008354	MACHINE BLIND FLANGE FOR TEMP. USE.	2
*S99152	60001261	10008367	MACHINE BLIND FLANGE FOR SERVICE WATER	2
*S99231	30003259	21MS46	REPLACE BOLTING	2
30078	30078	21-24 SG NOZZLE	STEAM GEN FD WTR NOZZLE REPLACE	1
PS00006	60010753	21RC6	RELOCATE TRANSMITTER	1
PS99004	970808200		REPLACE PIPING FOR NEW TRANSMITTERS	2
S00032	60002566	2RH42	REMOVE AND REPLACE SEAL WELD	1
S00042	980917219	21RH17	RECONSTRUCT CJP ANS REWELD VA. CANOPY	2
S00045	30004189	24SW72	REPLACE VALVE AND BOLTING IF REQUIRED	2
S00056	60004837	23MS18	REPLACE AND SEAL WELD BONNET	2
S00066	60006815	S2RC -2RCE2	21 STM GEN FD WTR NOZZLE-DOC VT-2 & PSI	1
S00068	60006816	S2RC -2RCE4	22 STM GEN FD WTR NOZZLE-VT-2 & PSI	1
S00069	60006817	S2RC -2RCE6	23 STM GEN FD WTR NOZZLE- VT-2 & PSI	1
S00070	60006818	S2RC -2RCE8	24 STM GEN FD WTR NOZZLE- VT-2 & PSI	1
S00085	990430193	2CC190	REPLACE BOLTING	2
S00086	60003002	23MS11	VALVE REPAIRED BY CROSBY / DOCUMENT VT-2	2
S00087	60003005	21MS13	REPAIRED BY CROSBY / TO DOCUMENT VT-2	2
S00088	60003003	23MS14	VALVE REPAIRED BY CROSBY / DOCUMENT VT-2	2
S00092	50003280	2PR4	REPLACE IN KIND	1
S00132	50016432	S2SJ -2ASISN105	SNUBBER FAILURE	2
S00138	60012788	22CV99	VA. CANOPY WELD, SMALL BORE PIPE,HGRS	2
S00139	60012789	23CV99	REPLACE VALVE IAW DCP	2
S00150	60001046	21MS171	REPLACE VALVE INTERNALS	1
S00151	60001044	24MS171	REPLACE VALVE INTERNALS	1
S00152	60001045	21MS169	REPLACE VALVE INTERNALS	1
S00153	60006819	22MS169	REPLACE VALVE INTERNALS	1

Friday, February 09, 2001

*Insufficient documentation to close package(s) at this time. Notification 20055980 written to address document control discrepancies.

CJP NO	WORK ORDER	COMPONENT ID	WORK DESCRIPTION	ASME CLASS
S00154	60001463	23MS169	REPLACE VALVE INTERNALS	1
S00177	50004228	S2DC -2RCE8	REPLACE STUD #8 24 S/G PRIMARY MANWAY	1
S97096	970415188	2RH26	REPLACE BOLTING	1
S98009	961213097	2CV47	REPLACE BONNET BOLTING	2
S99136	980925162	22SW58	REPAIR	2
S99148	30004103	24SW58	REPLACE PINS	2
S99244	30004206	25SW72	REPLACE VALVE IN KIND	2
S99254	30004152	22SW72	REPLACE VALVE WITH SPARE	2
S99256	30004206	SPARE VLV	REPAIR VALVE (N0020319) RETURN TO FOLIO	2
S99266	60004344	22SW72	REPAIR AND RETURN TO FOLIO	2

*Insufficient documentation to close package(s) at this time. Notification 20055980 written to address document control discrepancies.

FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by **PSEG Nuclear LLC** (name of NR certificate holder) **CJP S00-066 Rev. 1 WO 60006815** (P.O. no., job no., etc.)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

2. Owner **PSEG Nuclear LLC** (name)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

3. Name, address and identification of nuclear power plant **Salem Nuclear Generating Station Unit 2**

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

4. System **Steam Generator Feedwater, Nuclear Class 1, S2RC -2RCE2 (21 Steam Generator)**

5a. Items Which Required Repair, Modification, or Replacement Activities

	Identification							Construction Code				Activity
No.	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1.	21 S/G	*1	1201	68-43	NA	NA	1971	ASME III	1965 Ed, S66 Add	NA	1	Mod
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												

5b. Items Installed During Replacement Activities.

		Identification						Construction Code			
Type of Item	Installed or Replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
*2											

6. ASME Code Section XI applicable for inservice inspection: **1986** (edition) **NA** (addenda) **NA** (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) **NA** (addenda) **N416-1** (Code Case(s))

8. Construction Code used for repairs, modifications, or replacements: **III,NB,1989** (edition) **NA** (addenda) **NA** (Code Case(s))

9. Design Responsibilities **PSEG Nuclear LLC**

10. Test Conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ***3** psi Code Case(s) **NA**

11. Description of work **Replaced Steam Generator Feedwater Nozzle, and lower 45 degree elbow per CJP S00-066 Rev. 1, WO 60006815 and 60012626 and DCP 80008148**
(use of properly identified additional sheet(s) or sketch(es) is acceptable)

12. Remarks:

***1 Westinghouse**

***2 Work performed under WSI Job No. 30078, PSEG documentation for VT-2 System Leakage Test & Preservice Exam Copy of WSI completed NR-1 and N-2 forms attached**

***3 System Leakage test IAW Code Case N416-1, Test Pressure 1000 psig.**

CERTIFICATE OF COMPLIANCE

I, **R. Gibbs**, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. **36** to use the "NR stamp expires **October 3, 2003**

NR Certificate Holder **PSEG Nuclear LLC**
(name)

Date **11/28**, 20 **00** Signed _____ **CODE ASSURANCE SPECIALIST**
(authorized representative) (title)

CERTIFICATE OF INSPECTION

I, **Dallas W. Kinley III**, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of **New Jersey** and employed by **Factory Mutual Insurance Company** of **Johnston RI.** have inspected the repair, modification or replacement described in this report on **Nov 9**, 20 **00** and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Date **Nov 28**, 20 **00** Signed _____ Commissions **NB11207IBNA & NJ1020**
(inspector) (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐
TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Welding Services, Inc. (name of NR certificate holder) 30078 (P.O. no., job no., etc.)
2225 Skyland Ct. Norcross, Ga. 30071 (address)

2. Owner Public Service Electric and Gas (name)
80 Park Plaza, Newark, N.J. 07171 (address)

3. Name, address and identification of nuclear power plant Salem Unit 2 Artificial Island
Lower Alloways Creek New Jersey

4. System Steam Generator Feedwater

5a. Items Which Required Repair, Modification, or Replacement Activit

	Identification							Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	S/G#21	Westinghouse	1201	68-43	N/A	N/A	1971	ASME III	1965 Ed.	N/A	1	Mod
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

5b. Items Installed During Replacement Activities

Identification								Construction Code			
Type of Item	Installed or replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
Forging	Replaced	WSI	3791-01-1	N/A	N/A	N/A	2000	ASME III	1989 ED.	N/A	1
									No Add.		

6. ASME Code Section XI applicable for inservices inspection: 1986 (edition) None (addenda) N/A (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1986 (edition) None (addenda) N-416-1 (Code Case(s))

8. Construction Code used for repairs, modification, or replacements: III,NB,1989 (edition) None (addenda) (Code Case(s))

9. Design responsibilities Structural Integrity Associates

10. Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ** psi Code Case(s) _____

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3791-00-1 through 3791-01-1

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by N/A (when applicable) P.E. State N/A Reg. No. N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) SG Nozzle Fittings conform(s) to the rules for construction of the ASME Code, Section III, Division 1.
NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date 9-23-00 Name Welding Services Inc. (NPT Certificate Holder) Signed (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnson, RI have inspected these items described in this Data Report on 9-23-00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment describe this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 9-23-00 Signed (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Welding Services, Inc. 2225 Skyland Court, Norcross, GA 30071 (name and address of NPT Certificate Holder)
2. Manufactured for Public Service Electric & Gas, P.O. Box 236, Hancocks Bridge, NJ 08038 (name and address of Purchaser)
3. Location of installation Salem Nuclear Generating Station – Unit 2 (name and address)
4. Type: SID-00-007, R/1 (drawing no.) | SA 508, Gr 2. CL 1 (mat'l. spec. no.) | 80 Ksi (tensile strength) | N/A (CRN) | 2000 (year built)
5. ASME Code, Section III, Division 1: 1989 (edition) | none (addenda date) | 1 (class) | N/A (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A
7. Remarks: SA 508 Grade 2 Class 1 Gamma Plugs with SFA 5.18 ER70S-3 Weld Build-up. Heat # 24-2094 and 382032
8. Nom. Thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) 1" Nom. OD Length overall (ft & in.) 1.875"
9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	3977-PD-1	
(2)	3977-PD-2	
(3)	3977-PD-3	
(4)	3977-PD-4	
(5)	3977-PD-5	
(6)	3977-PD-6	
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure By Others psi. Temp. By Others °F Hydro. test pressure By Others (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3977-PD-1 through 3977-PD-6

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by Others (when applicable) P.E. State _____ Reg. No. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) conform(s) to the rules for construction of the ASME Code, Section III, Division 1. Gamma Plugs

NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date Oct. 6, 2000 Name Welding Services Inc. (NPT Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected these items described in this Data Report on Oct. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment describ in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or lr of any kind arising from or connected with this inspection.

Date Oct. 6, 2000 Signed _____ (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

as requ[illegible] by the Provisions of the ASME Code [illegible]les

1. Manufactured by Westinghouse Electric Corporation, Tampa Division, Tampa, Florida
(Name and address of Manufacturer)

2. Manufactured for Public Service Electric & Gas No. 2
(Name and address of Purchaser)

3. Type Vertical (Horiz. or Vert.) Kind Steam Gen (Tank, Jacketed, Heat Ex.) Vessel No. (1201) (Mfrs. Serial No.) ( ) (State & State No.) Nat'l Bd. No. 68-43 Yr. Built 1971

3a. Applicable ASME Code: Section III, Edition 1965, Addenda Date, S66, Case Nos.

Items 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-533 GrA CL 1 (Kind & Spec. No.) T.S. 80000 (Min. of range specified) Nominal Thickness * in. Corrosion Allowance .06 in. Diam * ft * in. Length * ft. * in.

5. Seams: Long Weld-Dbl Butt H.T.[1] Yes X.R. Complete Efficiency (If Class B) %

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

6. Heads (a) Material SA-533 GrA CL1 T.S. 80000 (b) Material T.S.

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top	3.62			2:1				Concave
(b)								

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or attach sketch)

7. Assy. Closure * Girth Weld-Dbl Butt; H.T.; X.R. Complete
Girth Weld (Describe as ogee & weld, bar, etc. If bar give dimensions, describe or sketch)

8. Constructed for design press.[2] 1085 psi at Max. temp 600 °F Charpy Impact 30 ft-lb at temp. of +10 °F. Pneumatic / Hydrostatic or Combination } Test Pressure 1356 psi @70°F min.

Items 9 and 10 to be completed for tube sections.

9. Tube Sheets: Stationary. Material SA-508 CL 2 (Kind & Spec. No.) Diam. 125.75 (Subject to press.) in. Thickness 21.03 in. Attachment See Item (Welded, Bolted)

Floating. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment

10. Tubes: Material SB-163 (Kind & Spec. No.) O.D. 7/8 in. Thickness .050 inches or gage Number 3388 Type * (Straight or U)

Items 11 to 14 incl. to be completed for primary chamber

11. Shell: Material (Kind & Spec. No.) T.S. (Min. of range specified) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

12. Seams: Long (Welded, Dbl., Single) H.T.[1] (Yes or No) X.R. Efficiency (If Class B) %

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

13. Heads: (a) Material T.S. (b) Material SA-216 Gr WCC T.S. 70000 (c) Material T.S.

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top, bottom, ends								
(b) Channel	5.19							
(c) Floating						62.81		Concave

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b) (c) Other fastening (Describe or attach sketch)

14. Constructed for specified design press.[2] 2485 psi at Max. temp 650 °F Charpy Impact 20 ft-lb at temp. of +10 °F Pneumatic / Hydrostatic or Combination } Test Pressure 3106 psi @70°F min.

[1] If Postweld Heat-Treated

[2] List other internal or external pressures with coincident temperature when applicable.

* See Dwg 1097J74

below to be completed for all vessels where applicable. 1201

15. Safety Valve Outlets: Number _____ Size _____ Location _____

16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Prim. Inlet	1	31" I.D.	Weld	SA-216	1.5"	SA-216	Integrally
Prim. Outlet	1	31" I.D.	End	Gr WCC	1.5"	Gr WCC	Cast
Steam Outlet	1	29" I.D.	Weld	SA-508	1.5"	Steel	Welded
Feedwater	1	14.75 I.D.	End	Cl 2	.625"	Steel	Welded

17. Inspection Manholes, No. 4 Size 16" Location (2) Chamber & (2) Upper Shell
Openings: Handholes, No. 2 Size 6" Location Stub Barrel Portion of Lower Shell
Threaded, No. _____ Size _____ Location _____

18. Supports: Skirt No (Yes or No) Lugs _____ (Number) Legs _____ (Number) Other X (Describe) Attached See Below (Where & How)
Four main supports are cast integral with the chamber.

19. Remarks: This N-1 form is to be signed off by the code inspector under certificate of sh inspection for everything listed except the hydrostatic test and subsequent inspection Field inspector must sign off for the latter items on certificate of field assembly inspection below. All other mfg. is specified on manufacturer's partial data forms N-2 filed at Westinghouse.

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Stress analysis report on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Design specifications certified by (W) Atomic Power Division Prof. Eng. W. Seth State Pa. Reg. No. 13331-E
Stress analysis report certified by (W) Atomic Power Division Prof. Eng. A. Lohmeier State Fla. Reg. No. 13436

We certify that the statements made in this report are correct and that all details of material, design, construction, and workmanship of this pressure vessel conform to the ASME Code for Nuclear Vessels Section III

Date March 5, 1971 Signed Westinghouse Electric Corporation (Manufacturer) By S. E. Weller

Certificate of Authorization Expires N-122 April 10, 1972

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Westinghouse Electric Corporation at Tampa, Florida

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by Lumbermens Mutual Casualty Co. of Chicago, Ill have inspected the pressure vessel described in this manufacturer's data report on March 5 1971, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the ASME Code for Nuclear Vessels.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date March 5 1971

L. T. Willey
Inspector's Signature

Commissions Nat'l Board 2653
Nat'l Board, State or Province and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of N. Y and employed by Lumbermens Mutual Casualty Co. Long Grove, Ill have compared the statements in this manufacturer's data report with the described pressure vessel and state that parts referred to as data items Steam Generator, not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the ASME Code for Nuclear Vessels. The described vessel was inspected and subjected to a hydrostatic test of 3106 psig primary side & 1356 psig secondary side.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date July 7 1978

Inspector's Signature

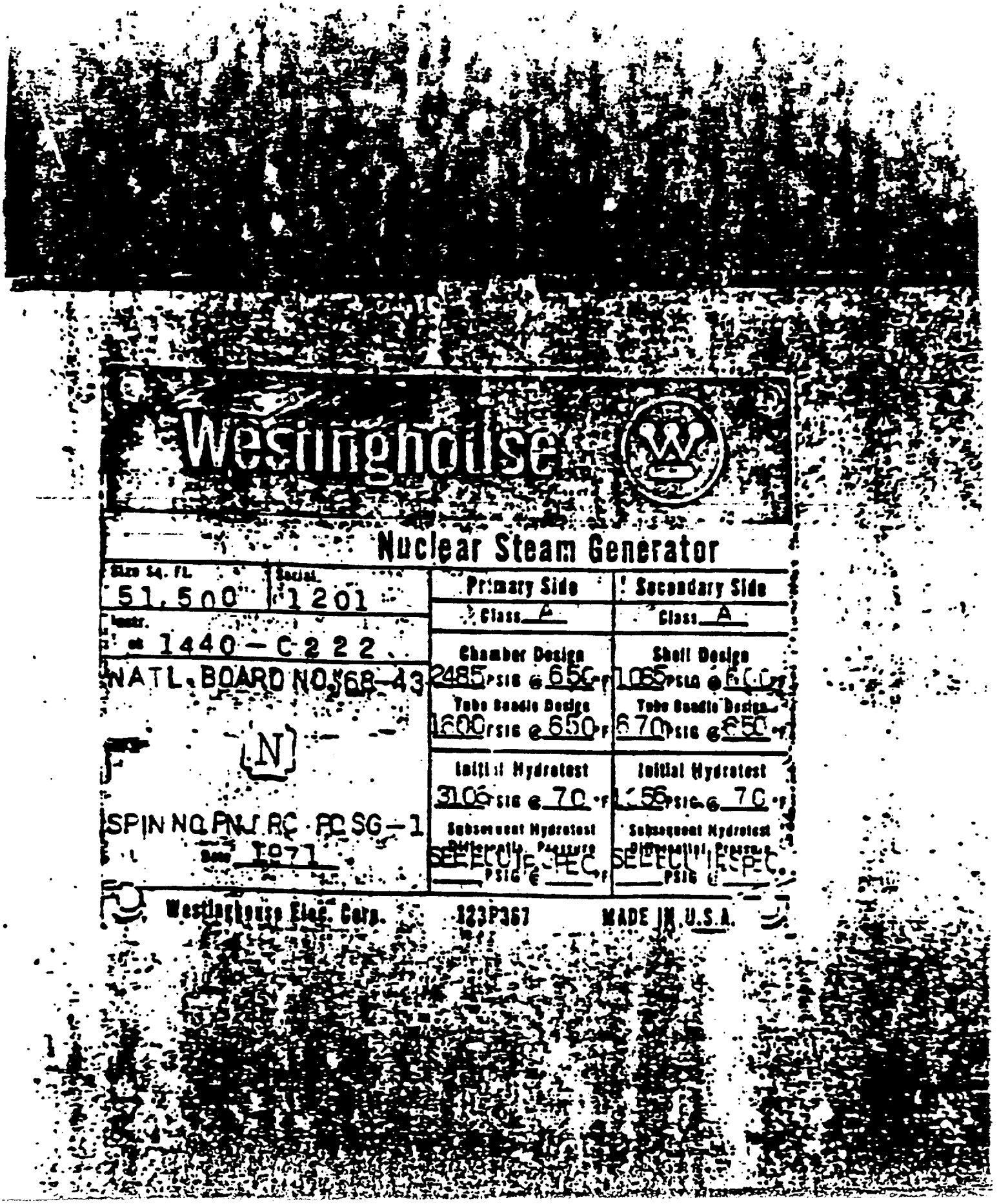
Commissions N.B. 5894
Nat'l Board, State or Province and No.

ed in U.S.A. (4/70)

This Form is obtainable from the ASME, 345 E. 47th St., New York, N.Y. 10017

Assy Closure by Westinghouse Code Case 1429

#4 Steam Generator



FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by **PSEG Nuclear LLC** (name of NR certificate holder) **CJP S00-068 Rev. 1 WO 60006816** (P.O. no., job no., etc.)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

2. Owner **PSEG Nuclear LLC** (name)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

3. Name, address and identification of nuclear power plant **Salem Nuclear Generating Station Unit 2**

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

4. System **Steam Generator Feedwater, Nuclear Class 1, S2RC -2RCE4 (22 Steam Generator)**

5a. Items Which Required Repair, Modification, or Replacement Activities

	Identification							Construction Code				Activity
No.	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd . No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1.	22 S/G	*1	1202	68-44	NA	NA	1971	ASME III	1965 Ed, S66 Add	NA	1	Mod
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
0.												
11.												
12.												

5b. Items Installed During Replacement Activities.

		Identification						Construction Code			
Type of Item	Installed or Replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
*2											

6. ASME Code Section XI applicable for inservice inspection: **1986** (edition) **NA** (addenda) **NA** (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) **NA** (addenda) **N416-1** (Code Case(s))

Construction Code used for repairs, modifications, or replacements: **III,NB,1989** (edition) **NA** (addenda) **NA** (Code Case(s))

9. Design Responsibilities **PSEG Nuclear LLC**

10. Test Conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ***3** psi Code Case(s) **NA**

11. Description of work **Replaced Steam Generator Feedwater Nozzle, and lower 45 degree elbow per CJP S00-068 Rev. 1, WO 60006816 and 60012627 and DCP 80008148**
(use of properly identified additional sheet(s) or sketch(es) is acceptable)

12. Remarks:
***1 Westinghouse**
***2 Work performed under WSI Job No. 30078, PSEG documentation for vt-2 System Leakage Test & Preservice Exam Copy of WSI completed NR-1 and N-2 forms attached**
***3 System Leakage test IAW Code Case N416-1, Test Pressure 1000 psig.**

CERTIFICATE OF COMPLIANCE

I, **R. Gibbs**, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. **36** to use the "NR stamp expires **October 3, 2003**

NR Certificate Holder **PSEG Nuclear LLC**
(name)

Date **11/28**, 20 **00** Signed _____ **Code Assurance Specialist**
(authorized representative) (title)

CERTIFICATE OF INSPECTION

I, **Dallas W. Kinley III**, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of **New Jersey** and employed by **Factory Mutual Insurance Company** of **Johnston RI.** have inspected the repair, modification or replacement described in this report on **Nov 9**, 20 **00** and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Date Nov 28, 20 00 Signed _____ Commissions **NB11207IBNA & NJ1020**
(inspector) (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐

TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Welding Services, Inc. (name of NR certificate holder) 30078 (P.O. no., job no., etc.)

2225 Skyland Ct. Norcross, Ga. 30071 (address)

2. Owner Public Service Electric and Gas (name)

80 Park Plaza, Newark, N.J. 07171 (address)

3. Name, address and identification of nuclear power plant Salem Unit 2 Artificial Island

Lower Alloways Creek New Jersey

4. System Steam Generator Feedwater

5a. Items Which Required Repair, Modification, or Replacement Activit

	Identification							Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	S/G#22	Westinghouse	1202	68-44	N/A	N/A	1971	ASME III	1965 Ed.	N/A	1	Mod
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

5b. Items Installed During Replacement Activities

	Identification							Construction Code			
Type of Item	Installed or replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
Forging	Replaced	WSI	881WHN-4	N/A	N/A	N/A	2000	ASME III	1989 ED.	N/A	1
									No Add.		

6. ASME Code Section XI applicable for inservices inspection: 1986 (edition) None (addenda) N/A (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1986 (edition) None (addenda) N-416-1 (Code Case(s))

8. Construction Code used for repairs, modification, or replacements: III,NB,1989 (edition) None (addenda) (Code Case(s))

9. Design responsibilities Structural Integrity Associates

10. Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ** psi Code Case(s) _____

11. Description of work Welding Services, Inc.
(use of properly identified additional sheet(s) or sketch(es) is acceptable)

Modified the Steam Generator No.22 Nozzle with an Integral thermal sleeve Forging and Gamma Plug

Reference PSEG Nuclear LLC Design Change Pkg. No. 80008148

Expanded Scope: 1. Replaced existing 14" Dia. 45 Deg. elbow (like in kind) in accordance with PSEG Work Order No. 60012627
Heat No. A80182
Heat Code 1708B
2. NDE examination and Post Weld Heat Treat on Gamma Plug performed at installation.

12. Remarks ** Pressure Test and Preservice Testing by others

Attached Form N-2 dated 9-18-00 Ref. S/N 881WNH-4
Attached Form N-2 dated 10-06-00 Ref. S/N 3977-PD-2

CERTIFICATE OF COMPLIANCE

I, Robert Acree, certify that to the best of my knowledge and belief the statements made in this report are Correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. 69 to use the "NR stamp expires Nov. 7, 2001

NR Certificate Holder Welding Services, Inc.
(name)

Date 11-3-00 Signed Bob Acree
(authorized representative)

QA SITE MGR.
(title)

CERTIFICATE OF INSPECTION

I, Dallas W. Kinley, holding a valid commision issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected the repair, modification or replacement described in this report 11-3-00 and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Date 11-3-00 Signed Dallas W. Kinley
(inspector)

Commissions NB 11207 IBNA + NT1020
(National Board (incl endorsements), jurisdiction, and no.)

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Welding Services Inc., 2225 Skyland Court, Norcross, Georgia 30071 (name and address of NPT Certificate Holder)

2. Manufactured for PSE&G, Salem Nuclear Station, Unit 2, End of Buttowood Rd., Hancocks Bridge, NJ 08038 (name and address of Purchaser)

3. Location of installation Salem Nuclear Station Unit 2 (same as above) (name and address)

4. Type: SID-00-001 R/1 (drawing no.) | SA508 cl. 1 (mat'l. spec. no.) | 80ksi (tensile strength) | N/A (CRN) | 2000 (year built)

5. ASME Code, Section III, Division 1: 1989 (edition) | no (addenda date) | 1 (class) | N/A (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A

7. Remarks: .PWHT and final UT of Gamma Pads to be performed in the field at installation. Note 1 : Final length to be determined At installation.

8. Nom. Thickness (in.) 0.750 Min. design thickness (in.) 0.750 Dia. ID (ft & in.) 14.02 Length overall (ft & in.) See note 1

9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	881WNH-3	
(2)	881WNH-4	
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure 1100 psi. Temp. 600 °F Hydro. test pressure N/A (when applicable) at temp. °F

Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 881WNH-3 through 881WNH-4

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by N/A (when applicable) P.E. State N/A Reg. No. N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) SG Nozzle Fittings conform(s) to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date 9-18-00 Name Welding Services Inc. (NPT Certificate Holder) Signed (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnson, RI have inspected these items described in this Data Report on 9-18-00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described s Data Report. Furthermore, neither the inspector nor his emp er shall be liable in any manner for any personal injury or property damage or loss or any kind arising from or connected with this inspection.

Date 9-18-00 Signed (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

CERTIFICATE HOLDER'S DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by: Welding Services, Inc. 2225 Skyland Court, Norcross, GA 30071 (name and address of NPT Certificate Holder)
2. Manufactured for: Public Service Electric & Gas, P.O. Box 236, Hancocks Bridge, NJ 08038 (name and address of Purchaser)
3. Location of installation: Salem Nuclear Generating Station – Unit 2 (name and address)
4. Type: SID-00-007, R/1 (drawing no.) | SA 508, Gr 2. CL 1 (matl. spec. no.) | 80 Ksi (tensile strength) | N/A (CRN) | 2000 (year built)
5. ASME Code, Section III, Division 1: 1989 (edition) | none (addenda date) | 1 (class) | N/A (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A
7. Remarks: .SA 508 Grade 2 Class 1 Gamma Plugs with SFA 5.18 ER70S-3 Weld Build-up. Heat # 24-2094 and 382032
8. Nom. Thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) 1" Nom. OD Length overall (ft & in.) 1.875"
9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	3977-PD-1	
(2)	3977-PD-2	
(3)	3977-PD-3	
(4)	3977-PD-4	
(5)	3977-PD-5	
(6)	3977-PD-6	
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure By Others psi. Temp. By Others °F Hydro. test pressure By Others (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00040) may be obtained from the Order Dept., ASME 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300. Reprint (7/91)

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3977-PD-1 through 3977-PD-6

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hesrera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by Others (when applicable) P.E. State _____ Reg. No. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) conform(s) to the rules for construction of the ASME Code, Section III, Division 1. Gamma Plugs

NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date Oct. 6, 2000 Name Welding Services Inc. (NPT Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected these items described in this Data Report on Oct. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the data shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment descrit in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or lr of any kind arising from or connected with this inspection.

Date Oct. 6, 2000 Signed _____ (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

...TURERS' DATA REPORT FOR NUC...AR VESSELS
As requi... by the Provisions of the ASME Code ...les

1. Manufactured by Westinghouse Electric Corporation, Tampa Division, Tampa, Florida
(Name and address of Manufacturer)

2. Manufactured for Public Service Electric & Gas No. 2
(Name and address of Purchaser)

3. Type Vertical (Horiz. or Vert.) Kind Steam Gen. Vessel No. (1202) ( ) Nat'l Bd. No. 68-44 Yr. Built 197
(Tank, Jacketed, Heat Ex.) (Mfrs. Serial No.) (State & State No.)

3a. Applicable ASME Code Section III Edition 1965, Addenda Date S66, Case Nos.

Items 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-533 Gr A CL 1 (Kind & Spec. No.) T.S. 80000 (Min. of range specified) Nominal Thickness * in. Corrosion Allowance .06 in. Diam * ft. * in. Length * ft. *

5. Seams: Long Weld-Dbl Butt H.T.[1] Yes X.R. Complete Efficiency (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

6. Heads (a) Material SA533 GrA CL 1 T.S. 80000 (b) Material T.S.

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top	3.62			2:1				Concave
(b)								

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or attach sketch)

7. Assy. Closure * ~~Girth~~ Girth Weld-Dbl Butt; H.T.; X.R. Complete
(Describe as ogee & weld, bar, etc. If bar give dimensions, describe or sketch)

8. Constructed for design press[2] 1085 psi at Max. temp 600 °F Charpy Impact 30 ft-lb at temp. of +10 °F. Pneumatic / Hydrostatic or Combination Test Pressure 1356 psi @70°F min.

Items 9 and 10 to be completed for tube sections.

9. Tube Sheets: Stationary. Material SA503 CL 2 (Kind & Spec. No.) Diam. 125.75 (Subject to press.) in. Thickness 21.03 in. Attachment See Item (Welded, Bolted)

Floating. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment

10. Tubes: Material SB-163 (Kind & Spec. No.) O.D. 7/8 in. Thickness .050 inches or gage Number 3388 Type U (Straight or U)

Items 11 to 14 incl. to be completed for primary chamber

11. Shell: Material (Kind & Spec. No.) T.S. (Min. of range specified) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

12. Seams: Long (Welded, Dbl., Single) H.T.[1] (Yes or No) X.R. Efficiency % (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

13. Heads: (a) Material T.S. (b) Material SA-216 Gr WCC T.S. 70000 (c) Material T.S.

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top, bottom, ends								
(b) Channel	5.19							
(c) Floating						62.81		Concave

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b) (c) Other fastening (Describe or attach sketch)

14. Constructed for specified design press[2] 2485 psi at Max. temp 650 °F Charpy Impact 20 ft-lb at temp. of +10 °F Pneumatic / Hydrostatic or Combination Test Pressure 3106 psi @70°F min.

[1] If Postweld Heat-Treated

[2] List other internal or external pressures with coincident temperature when applicable.

* See Dwg 1097J74

FORM N-1 (back)

Items below to be completed for all vessels where applicable. 1202

15. Safety Valve Outlets: Number _____ Size _____ Location _____

16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Prim. Inlet	1	31" I.D.	Weld	SA-216	1.5"	SA-216	Integrally
Prim. Outlet	1	31" I.D.	End	Gr WCC	1.5"	Gr WCC	Cast
Steam Outlet	1	29" I.D.	Weld	SA-508	1.5"	Steel	Welded
Feedwater	1	14.75 I.D.	End	Cl 2	.625"	Steel	Welded

17. Inspection Openings: Manholes, No. 4 Size 16" Location (2) Chamber & (2) Upper Shell
Handholes, No. 2 Size 6" Location Stub Barrel Portion of Lower Shell
Threaded, No. _____ Size _____ Location _____

18. Supports: Skirt No (Yes or No) Lugs _____ (Number) Legs _____ (Number) Other X (Describe) Attached See Below (Where & How)
Four main supports are cast integral with the chamber

19. Remarks: This N-1 form is to be signed off by the code inspector under certificate of s
inspection for everything listed except the hydrostatic test and subsequent inspectic
Field inspector must sign off for the latter items on certificate of ~~in~~field assembl
inspection below. All other mfg. is specified on manufacturer's parrial data forms
N-2 filed at Westinghouse.

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Stress analysis report on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Design specifications certified by (W) Atomic Power Division Prof. Eng. W. Seth State Pa. Reg. No. 13331-E
Stress analysis report certified by (W) Atomic Power Division Prof. Eng. A. Lohmeier State Fla. Reg. No. 13436

We certify that the statements made in this report are correct and that all details of material, design, construction, and workmanship of this ~~nuclear~~ vessel conform to the ASME Code ~~for Nuclear Vessels~~ Section III.

Date March 5 19 71 Signed Westinghouse Electric (Manufacturer) By S.S. Weber

Certificate of Authorization Expires N-122 April 10, 1972 Corporation

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Westinghouse Electric Corporation at Tampa, Florida

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____ have inspected the pressure vessel described in this manufacturer's data report on March 5 19 71, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the ASME Code for Nuclear Vessels.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date March 5 19 71

L. T. Willey
Inspector's Signature

Commissions Nat'l Board 2653
Nat'l Board, State or Province and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of N.J. and employed by Lumbermens Mutual Casualty Co. Long Grove, Ill.

have compared the statements in this manufacturer's data report with the described pressure vessel and state that parts referred to as data items Steam Generator, not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the ASME Code for Nuclear Vessels. The described vessel was inspected and subjected to a hydrostatic test of 3106 psig primary side & 1356 psig secondary side.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date July 7 19 78

Andrew E. Tart
Inspector's Signature

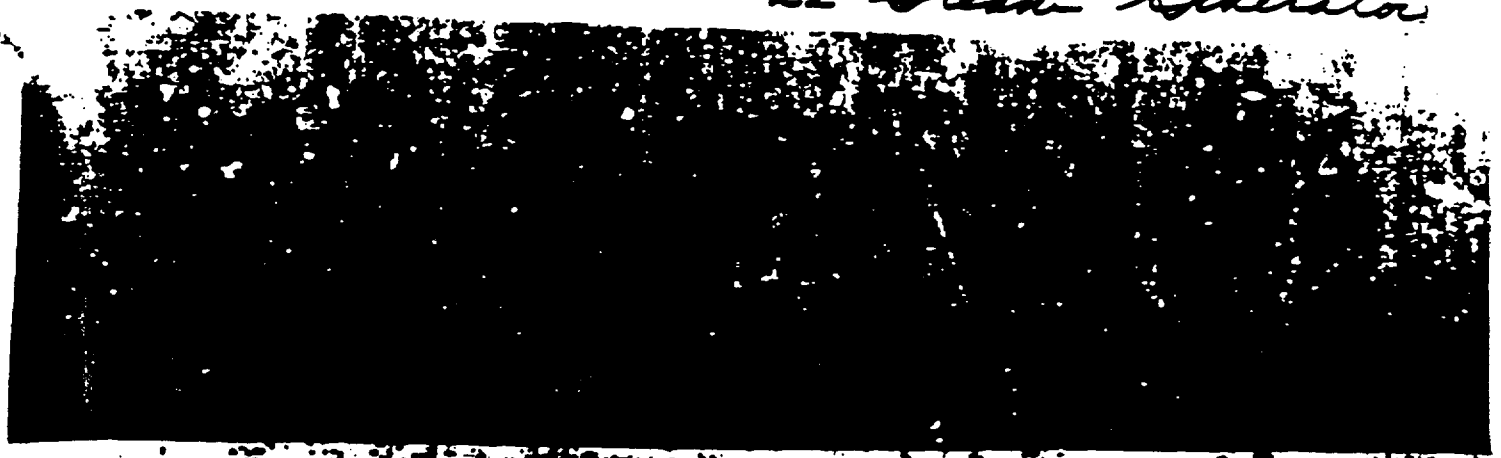
Commissions N.B. 5894
Nat'l Board, State or Province and No.

ed in U.S.A. (4/70)

This Form is obtainable from the ASME, 345 E. 47th St., New York, N.Y. 10017

Assy Closure by Westinghouse

#22 Steam Generator



Westinghouse

Nuclear Steam Generator

Sq Ft.	Serial	Primary Side	Secondary Side
51,500	1202	Class A	Class A

Instr. Book 1440 – C222

NATL BOARD NO. 68–44

N

SPIN NO. PNJRC PC SG–2

Date 1971

Chamber Design 2485 PSI @ 650 °F	Shell Design 1085 PSIG @ 600 °F
Tube Bundle Design 2600 PSI @ 650 °F	Tube Bundle Design 671 PSIG @ 650 °F
Hydrotest 3106 PSIG @ 70 °F	Initial Hydrotest 1356 PSIG @ 70 °F
Subsequent Hydrotest Differential Pressure SEE EQUIP SPEC PSIG @ °F	Subsequent Hydrotest Differential Pressure PSIG @ °F

Westinghouse Elec Corp. 123P347 MADE IN U.S.A.

FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by **PSEG Nuclear LLC** (name of NR certificate holder) **CJP S00-069 Rev. 1 WO 60006817** (P.O. no., job no., etc.)

nd of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

2. Owner **PSEG Nuclear LLC** (name)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

3. Name, address and identification of nuclear power plant **Salem Nuclear Generating Station Unit 2**

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

4. System **Steam Generator Feedwater, Nuclear Class 1, S2RC -2RCE6 (23 Steam Generator)**

5a. Items Which Required Repair, Modification, or Replacement Activities

	Identification							Construction Code				Activity
No.	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1.	23 S/G	*1	1004	68-11	NA	NA	1972	ASME III	1965 Ed, W65 Add	NA	1	Mod
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												

5b. Items Installed During Replacement Activities.

		Identification						Construction Code			
Type of Item	Installed or Replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
*2											

6. ASME Code Section XI applicable for inservice inspection: **1986** (edition) **NA** (addenda) **NA** (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) **NA** (addenda) **N416-1** (Code Case(s))

8. Construction Code used for repairs, modifications, or replacements: **III,NB,1989** (edition) **NA** (addenda) **NA** (Code Case(s))

9. Design Responsibilities **PSEG Nuclear LLC**

10. Test Conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ***3** psi Code Case(s) **NA**

11. Description of work Welding Services, Inc.
(use of property identified additional sheet(s) or sketch(es) is acceptable)

Modified the Steam Generator No.23 Nozzle with an Integral thermal sleeve Forging and Gamma Plug

Reference PSEG Nuclear LLC Design Change Pkg. No. 80008148

Expanded Scope: 1. Replaced existing 14" Dia. 45 Deg. elbow (like in kind) in accordance with PSEG Work Order No. 60012625
Heat No. B85654
Heat Code 1707B
2. NDE examination and Post Weld Heat Treat on Gamma Plug performed at installation.

12. Remarks ** Pressure Test and Preservice Testing by others

Attached Form N-2 dated 9-18-00 Ref. S/N 3791-00-1
Attached Form N-2 dated 10-06-00 Ref. S/N 3977-PD-3

CERTIFICATE OF COMPLIANCE

I, Robert Acree, certify that to the best of my knowledge and belief the statements made in this report are Correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. 69 to use the "NR stamp expires Nov. 7, 2001

NR Certificate Holder Welding Services, Inc.
(name)

Date 11-3-00 Signed Ken Acree (authorized representative) QA SITE MGR. (title)

CERTIFICATE OF INSPECTION

I, Dallas W. Kinley, holding a valid commision issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected the repair, modification or replacement described in this report 11-3-00 and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Date 11-3-0 Signed Dallas W. Kinley (inspector) Commissions NB 11207 IBNA + NJ020 (National Board (incl endorsements), jurisdiction, and no.)

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Welding Services Inc., 2225 Skyland Court, Norcross, Georgia 30071
(name and address of NPT Certificate Holder)

2. Manufactured for PSE&G, Salem Nuclear Station, Unit 2, End of Buttowood Rd., Hancocks Bridge, NJ 08038
(name and address of Purchaser)

3. Location of installation Salem Nuclear Station Unit 2 (same as above)
(name and address)

4. Type: SID-00-001 R/1 (drawing no.) | SA508 cl. 1 (matl. spec. no.) | 80ksi (tensile strength) | N/A (CRN) | 2000 (year built)

5. ASME Code, Section III, Division 1: 1989 (edition) | no (addenda date) | 1 (class) | N/A (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A

7. Remarks: .PWHT and final UT of Gamma Pads to be performed in the field at installation. Note 1 : Final length to be determined At installation.

8. Nom. Thickness (in.) 0.750 | Min. design thickness (in.) 0.750 | Dia. ID (ft & in.) 14.02 | Length overall (ft & in.) See note 1

9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	3791-00-1	
(2)	3791-01-1	
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure 1100 psi. Temp. 600 °F Hydro. test pressure N/A (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3791-00-1 through 3791-01-1

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by N/A (when applicable) P.E. State N/A Reg. No. N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) SG Nozzle Fittings conform(s) to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date 9-23-00 Name Welding Services Inc. (NPT Certificate Holder) Signed (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnson, RI have inspected these items described in this Data Report on 9-23-00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment describe in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 9-23-00 Signed (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

CERTIFICATE HOLDER'S DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Welding Services, Inc. 2225 Skyland Court, Norcross, GA 30071 (name and address of NPT Certificate Holder)
2. Manufactured for Public Service Electric & Gas, P.O. Box 236, Hancocks Bridge, NJ 08038 (name and address of Purchaser)
3. Location of installation Salem Nuclear Generating Station – Unit 2 (name and address)
4. Type: SID-00-007, R/1 (drawing no.) | SA 508, Gr 2. CL 1 (matl. spec. no.) | 80 Ksi (tensile strength) | N/A (CRN) | 2000 (year built)
5. ASME Code, Section III, Division 1: 1989 (edition) | none (addenda date) | 1 (class) | N/A (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A
7. Remarks: .SA 508 Grade 2 Class 1 Gamma Plugs with SFA 5.18 ER70S-3 Weld Build-up. Heat # 24-2094 and 382032
8. Nom. Thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) 1" Nom. OD Length overall (ft & in.) 1.875"
9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	3977-PD-1	
(2)	3977-PD-2	
(3)	3977-PD-3	
(4)	3977-PD-4	
(5)	3977-PD-5	
(6)	3977-PD-6	
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure By Others psi. Temp. By Others °F Hydro. test pressure By Others (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3977-PD-1 through 3977-PD-6

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearers (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by Others (when applicable) P.E. State _____ Reg. No. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Gamma Plugs conform(s) to the rules for construction of the ASME Code, Section III, Division 1.
NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date Oct. 6, 2000 Name Welding Services Inc. (NPT Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected these items described in this Data Report on Oct. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment descrit in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or l of any kind arising from or connected with this inspection.

Date Oct. 6, 2000 Signed _____ (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

...equ... by the Provisions of the ASME Code ...ules ...AR VESSELS

1. Manufactured by Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
(Name and address of Manufacturer)

2. Manufactured for Public Service Electric & Gas of N. J. No. 2
(Name and address of Purchaser)

3. Type Vertical (Horiz. or Vert.) Kind Steam Gen. (Tank, Jacketed, Heat Ex.) Vessel No. (1004) (Mfrs. Serial No.) ( ) (State & State No.) Nat'l Bd. No. 68-11 Yr. Built 1972

3a. Applicable ASME Code: Section III, Edition 1965, Addenda Date W65, Case Nos.

Items 4–8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-533 Gr A Cl 1 (Kind & Spec. No.) T.S. 80000 (Min. of range specified) Nominal Thickness * in. Corrosion Allowance .06 in. Diam * ft. * in. Length * ft. *

5. Seams: Long Weld-Dbl Butt H.T.[1] Yes X.R. Complete Efficiency (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

6. Heads (a) Material SA533 Gr A Cl 1 T.S. 80000 (b) Material T.S.

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top	3.62			2:1				Concave
(b)								

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or attach sketch)

7. Assy. Closure* Girth Weld-Dbl Butt; H.T.; X.R. Complete
Girth Weld (Describe as ogee & weld, bar, etc. If bar give dimensions, describe or sketch)

8. Constructed for design press.[2] 1085 psi at Max. temp 600 °F Charpy Impact 30 ft-lb at temp. of +10 °F. Pneumatic / Hydrostatic or Combination Test Pressure 1356 psi @70°F min.

Items 9 and 10 to be completed for tube sections.

9. Tube Sheets: Stationary. Material SA-508 Cl 2 (Kind & Spec. No.) Diam. 125.75 (Subject to press.) in. Thickness 21.03 in. Attachment See Item (Welded, Bolted)

Floating. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment

10. Tubes: Material SB-163 (Kind & Spec. No.) O.D. 7/8 in. Thickness .050 inches or gage Number 3387 Type U (Straight or U)

Items 11 to 14 incl. to be completed for primary chamber

11. Shell: Material (Kind & Spec. No.) T.S. (Min. of range specified) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

12. Seams: Long (Welded, Dbl., Single) H.T.[1] (Yes or No) X.R. Efficiency % (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses 2

13. Heads: (a) Material T.S. (b) Material Gr WCC SA-216 T.S. 70000 (c) Material T.S.

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top, bottom, ends								
(b) Channel	5.19							
(c) Floating						62.81		Concave

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b) (c) Other fastening (Describe or attach sketch)

14. Constructed for specified design press.[2] 2485 psi at Max. temp 650 °F Charpy Impact 20 ft-lb at temp. of +10 °F Pneumatic / Hydrostatic or Combination Test Pressure 3106 psi @70°F min.

[1] If Postweld Heat-Treated

[2] List other internal or external pressures with coincident temperature when applicable.

* See Dwg 1097J74

Items below to be completed for all vessels where applicable.

15. Safety Valve Outlets: Number _____ Size _____ Location _____

16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Prim. Inlet	1	31" I.D.	Weld End	SA-216 Gr WCC	1.5"	SA-216 Gr WCC	Integrally Cast
Prim. Outlet	1	31" I.D.	Weld End	SA-216 Gr WCC	1.5"	SA-216 Gr WCC	Integrally Cast
Steam Outlet	1	29" I.D.	Weld End	SA-508 CL 2	1.5"	Steel	Welded
Feedwater	1	14.75" I.D.	Weld End	SA-508 CL 2	.625"	Steel	Welded

17. Inspection Openings: Manholes, No. 4 Size 16" Location (2) chamber & (2) upper shell
Handholes, No. 2 Size 6" Location stub barrel portion of upper shell
Threaded, No. _____ Size _____ Location _____

18. Supports: Skirt No (Yes or No) Lugs _____ (Number) Legs _____ (Number) Other X (Describe) Attached See below (Where & How)
Four main supports are cast integral with the chamber.

19. Remarks: This N-1 form is to be signed off by the code inspector under certificate of shop inspection for everything listed except the hydrostatic test and subsequent inspection. Field inspector must sign off for the latter items on certificate of fie assembly inspection below. All other mfg. is specified on manufacturer's partial data forms N-2 filed at Westinghouse.

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Stress analysis report on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Design specifications certified by (W) Atomic Power Division Prof. Eng. W. Seth State Pa. Reg. No. 13331-E
Stress analysis report certified by (W) Atomic Power Division Prof. Eng. Lohmeier State Fla. Reg. No. 13436

We certify that the statements made in this report are correct and that all details of material, design, construction, and workmanship of this pressure vessel conform to the ASME Code for Nuclear Vessels.

Date March 17 1972 Signed Westinghouse Electric (Manufacturer) By R. R. Weller

Certificate of Authorization Expires N-122 April 10, 1972

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Westinghouse Electric Corporation at Tampa, Florida

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____ have inspected the pressure vessel described in this manufacturer's data report on March 17, 1972, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the ASME Code for Nuclear Vessels.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date March 17 1972

L. L. Willey
Inspector's Signature

Commissions National Board 2653
Nat'l Board, State or Province No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of N.J. and employed by Lumbermens Mutual Casualty Co. Long Grove, Ill. have compared the statements in this manufacturer's data report with the described pressure vessel and state that parts referred to as data items Steam Generator _____, not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the ASME Code for Nuclear Vessels. The described vessel was inspected and subjected to a hydrostatic test of 2106 psig primary side & 1256 psig secondary side.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

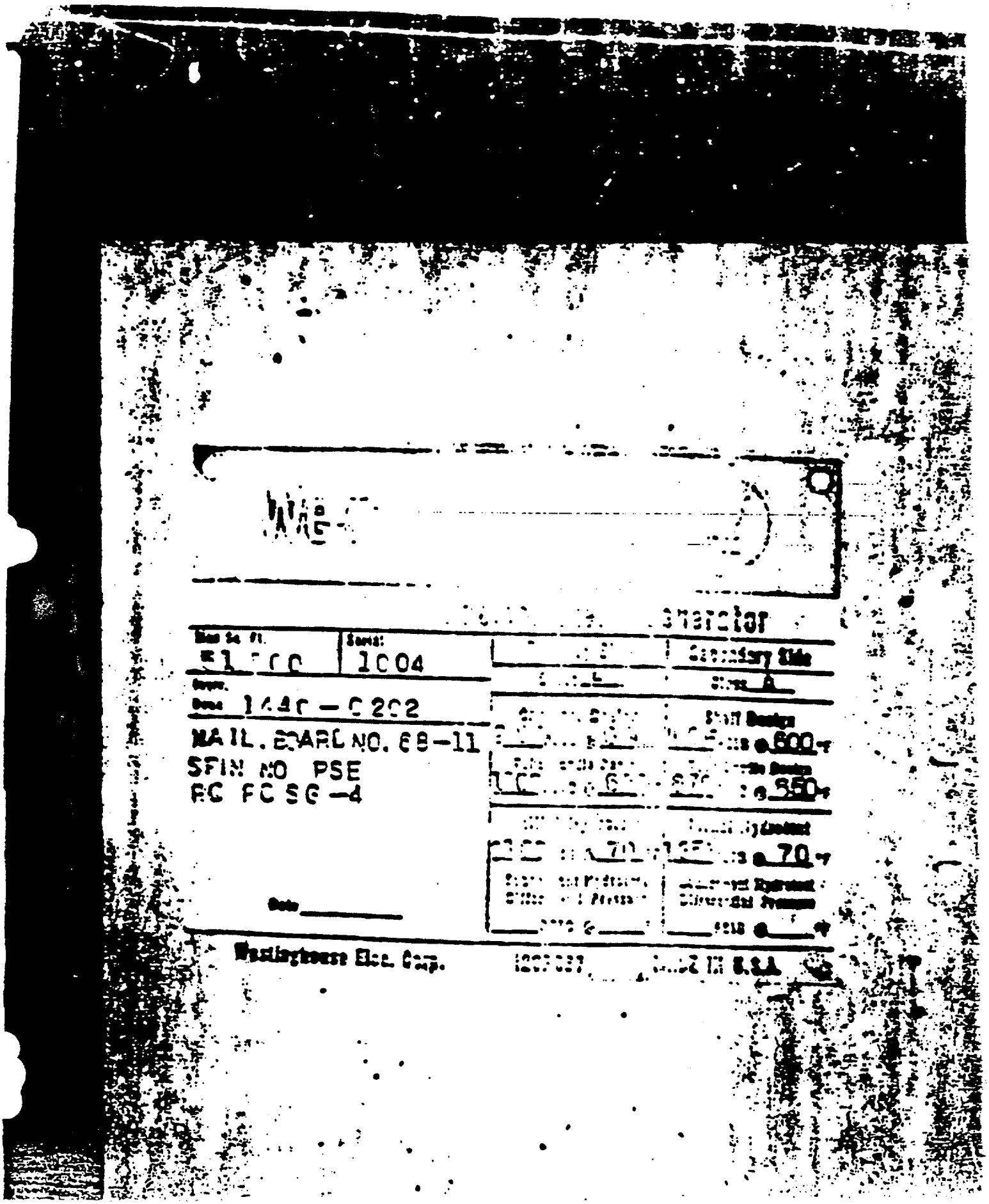
Date July 7, 1978 19 78

Inspector's Signature

Commissions NB 5894
Nat'l Board, State or Province No.

Assy closure by Westinghouse Code Case 1429

#23 STM. GENERATO.



FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by **PSEG Nuclear LLC** (name of NR certificate holder) **CJP S00-070 Rev. 1 WO 60006818** (P.O. no., job no., etc.)

:nd of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

2. Owner **PSEG Nuclear LLC** (name)

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

3. Name, address and identification of nuclear power plant **Salem Nuclear Generating Station Unit 2**

End of Buttonwood Road, Hancocks Bridge, NJ 08038 (address)

4. System **Steam Generator Feedwater, Nuclear Class 1, S2RC -2RCE8 (24 Steam Generator)**

5a. Items Which Required Repair, Modification, or Replacement Activities

	Identification							Construction Code				Activity
No.	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd . No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1.	24 S/G	*1	1204	68-52	NA	NA	1971	ASME III	1965 Ed, S66 Add	NA	1	Mod
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												

5b. Items Installed During Replacement Activities.

		Identification						Construction Code			
Type of Item	Installed or Replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
*2											

6. ASME Code Section XI applicable for inservice inspection: **1986** (edition) **NA** (addenda) **NA** (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) **NA** (addenda) **N416-1** (Code Case(s))

Construction Code used for repairs, modifications, or replacements: **III,NB,1989** (edition) **NA** (addenda) **NA** (Code Case(s))

9. Design Responsibilities **PSEG Nuclear LLC**

10. Test Conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ***3** psi Code Case(s) **NA**

11. Description of work **Replaced Steam Generator Feedwater Nozzle, and lower 45 degree elbow per CJP S00-070 Rev. 1, WO 60006818 and 60012628 and DCP 80008148**
(use of properly identified additional sheet(s) or sketch(es) is acceptable)

12. Remarks:
***1 Westinghouse**
***2 Work performed under WSI Job No. 30078, PSEG documentation for VT-2 System Leakage Test & Preservice Exam Copy of WSI completed NR-1 and N-2 forms attached**
***3 System Leakage test IAW Code Case N416-1, Test Pressure 1000 psig.**

CERTIFICATE OF COMPLIANCE

I, **R. Gibbs**, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. **36** to use the "NR stamp expires **October 3, 2003**

NR Certificate Holder **PSEG Nuclear LLC**
(name)

Date **11/28**, 20 **00** Signed _____ **Code Assurance Specialist**
(authorized representative) (title)

CERTIFICATE OF INSPECTION

I, **Dallas W. Kinley III**, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of **New Jersey** and employed by **Factory Mutual Insurance Company** of **Johnston RI.** have inspected the repair, modification or replacement described in this report on **Nov 9**, 20 **00** and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Date Nov 28, 20 00 Signed _____ Commissions **NB11207IBNA & NJ1020**
(inspector) (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NR-1 REPORT OF REPAIR ☐ MODIFICATION ☒ OR REPLACEMENT ☐

TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Welding Services, Inc. (name of NR certificate holder) 30078 (P.O. no., job no., etc.)

2225 Skyland Ct. Norcross, Ga. 30071 (address)

2. Owner Public Service Electric and Gas (name)

80 Park Plaza, Newark, N.J. 07171 (address)

3. Name, address and identification of nuclear power plant Salem Unit 2 Artificial Island

Lower Alloways Creek New Jersey

4. System Steam Generator Feedwater

5a. Items Which Required Repair, Modification, or Replacement Activit

	Identification							Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	S/G#24	Westinghouse	1204	68-52	N/A	N/A	1971	ASME III	1965 Ed.	N/A	1	Mod
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

5b. Items Installed During Replacement Activities

	Identification							Construction Code			
Type of Item	Installed or replaced 5a Item No	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class
Forging	Replaced	WSI	881WHN-3	N/A	N/A	N/A	2000	ASME III	1989 ED.	N/A	1
									No Add.		

6. ASME Code Section XI applicable for inservices inspection: 1986 (edition) None (addenda) N/A (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1986 (edition) None (addenda) N-416-1 (Code Case(s))

8. Construction Code used for repairs, modification, or replacements: III,NB,1989 (edition) None (addenda) (Code Case(s))

9. Design responsibilities Structural Integrity Associates

10. Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure ** psi Code Case(s) _____

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 881WNH-3 through 881WNH-4

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Hearera (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by N/A (when applicable) P.E. State N/A Reg. No. N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) SG Nozzle Fittings conform(s) to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date 9-18-00 Name Welding Services Inc. (NPT Certificate Holder) Signed (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnson, RI have inspected these items described in this Data Report on 9-18-00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 9-18-00 Signed (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Welding Services, Inc. 2225 Skyland Court, Norcross, GA 30071
(name and address of NPT Certificate Holder)

2. Manufactured for Public Service Electric & Gas, P.O. Box 236, Hancocks Bridge, NJ 08038
(name and address of Purchaser)

3. Location of installation Salem Nuclear Generating Station – Unit 2
(name and address)

4. Type: SID-00-007, R/1 (drawing no.) | SA 508, Gr 2. CL 1 (matl. spec. no.) | 80 Ksi (tensile strength) | N/A (CRN) | 2000 (year built)

5. ASME Code, Section III, Division 1: 1989 (edition) | none (addenda date) | 1 (class) | N/A (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A

7. Remarks: SA 508 Grade 2 Class 1 Gamma Plugs with SFA 5.18 ER70S-3 Weld Build-up. Heat # 24-2094 and 382032

8. Nom. Thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) 1" Nom. OD Length overall (ft & in.) 1.875"

9. When applicable, Certificate Holder's Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1)	3977-PD-1	
(2)	3977-PD-2	
(3)	3977-PD-3	
(4)	3977-PD-4	
(5)	3977-PD-5	
(6)	3977-PD-6	
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure By Others psi. Temp. By Others °F Hydro. test pressure By Others (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00040) may be obtained from the Order Dept., ASME 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300. Reprint (7/91)

FORM N-2 (Back – Page 2 of 2)

Certificate Holder's Serial Nos. 3977-PD-1 through 3977-PD-6

CERTIFICATION OF DESIGN

Design Specifications certified by Structural Integrity Associates, M.L.Heerens (when applicable) P.E. State CA Reg. No. 21337

Design Report* certified by Others (when applicable) P.E. State _____ Reg. No. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Gamma Plugs conform(s) to the rules for construction of the ASME Code, Section III, Division 1.
NPT Certificate of Authorization No. N-2873 Expires November 13, 2001

Date Oct. 6, 2000 Name Welding Services Inc. (NPT Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnston R.I. have inspected these items described in this Data Report on Oct. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment descn in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or l of any kind arising from or connected with this inspection.

Date Oct. 6, 2000 Signed _____ (Authorized Inspector) Commissions NB 9045 N, B, S, A, GA469 [Nat'l. Bd. (incl. Endorsements) and state or prov. and no.]

FORM N-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS
As required by the Provisions of the ASME Code Rules

1. Manufactured by Westinghouse Electric Corporation, Tampa Division, Tampa, Florida
(Name and address of Manufacturer)

2. Manufactured for Public Service Electric & Gas No. 2
(Name and address of Purchaser)

3. Type Vertical (Horiz. or Vert.) Kind Steam Gen. (Tank, Jacketed, Heat Ex.) Vessel No. (1204) (Mfrs. Serial No.) ( ) (State & State No.) Nat'l Bd. No. 68-52 Yr. Built 1971

3a. Applicable ASME Code: Section III Edition 1965 Addenda Date Spec. Case Nos.

Items 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-533 GR A CL 1 (Kind & Spec. No.) T.S. 80000 (Min. of range specified) Nominal Thickness * in. Corrosion Allowance .06 in. Diam. * ft. * in. Length * ft. * i

5. Seams: Long Weld-Dbl Butt H.T.[1] Yes X.R. Complete Efficiency (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

6. Heads (a) Material SA-533 GR A CL 1 T.S. 80000 (b) Material T.S.

	Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave
(a)	Top	3.62			2:1				Concave
(b)									

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or attach sketch)

7. Assy Closure * Girth Weld-Dbl Butt; H.T.; X.R. Complete
Girth Weld (Describe as edge & weld, bar, etc. If bar give dimensions, describe or sketch)

8. Constructed for design press.[2] 1085 psi at Max. temp 600°F °F Charpy Impact 30 ft-lb at temp. of +10 °F. Pneumatic / Hydrostatic or Combination Test Pressure 1356 ps @70°F Min.

Items 9 and 10 to be completed for tube sections.

9. Tube Sheets: Stationary. Material SA-508 CL 2 (Kind & Spec. No.) Diam. 125.75 (Subject to press.) in. Thickness 21.03 in. Attachment See Iten (Welded, Bolted)

Floating. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment

10. Tubes: Material SB-163 (Kind & Spec. No.) O.D. 7/8 in. Thickness .050 inches or gage Number 3388 Type U (Straight or U)

Items 11 to 14 incl. to be completed for primary chamber

11. Shell: Material (Kind & Spec. No.) T.S. (Min. of range specified) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

12. Seams: Long (Welded, Dbl., Single) H.T.[1] (Yes or No) X.R. Efficiency % (If Class B)

Girth Weld-Dbl Butt H.T.[1] Yes X.R. Complete No. of Courses *

13. Heads: (a) Material T.S. (b) Material SA-216 GR WCC T.S. 70000 (c) Material T.S.

	Location	Nom. Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a)	Top, bottom, ends								
(b)	Channel	5.09					62.81		Concave
(c)	Floating								

If removable, bolts used (a) (b) (c) Other fastening (Material, Spec. No., T.S., Size, Number) (Describe or attach sketch)

14. Constructed for specified design press.[2] 2485 psi at Max. temp. 650 °F at temp. of +10 °F Charpy Impact 20 ft-lb Pneumatic / Hydrostatic or Combination Test Pressure 3106 psi @70°F Min.

[1] If Postweld Heat-Treated

[2] List other internal or external pressures with coincident temperature when applicable.

* See Dwg. 1097174

Items below to be completed for all vessels where applicable. 1204

15. Safety Valve Outlets: Number _____ Size _____ Location _____

16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Prim. Inlet	1	31" I.D.	Weld	SA-216	1.5"	SA-216	Integrally
Prim. Outlet	1	31" I.D.	End	GR WCC	1.5"	GR WCC	Cast
Steam Outlet	1	29" I.D.	Weld	SA-508	1.5"	Steel	Welded
Feedwater	1	14.75" I.D.	End	CL 2	.625"	Steel	Welded

17. Inspection Openings: Manholes, No. 4 Size 16" Location (2) Chamber & (2) Upper Shell
Handholes, No. 2 Size 6" Location Stub Barrel Portion of Lower Shell
Threaded, No. _____ Size _____ Location _____

18. Supports: Skirt No (Yes or No) Lugs _____ (Number) Legs _____ (Number) Other X (Describe) Attached See Below (Where & How)
Four main supports are cast integral with the chamber.

19. Remarks: This N-1 form is to be signed off by the authorized inspector under certificate of shop inspection for everything listed except hydrostatic test and subsequent inspection. Field inspector must sign off for the latter items on certificate of field assembly inspection below. All other mfg. is specified on manufacturer's partial data forms N-2 filed at Westinghouse
(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Stress analysis report on file at Westinghouse Electric Corporation, Tampa Division, Tampa, Fla.
Design specifications certified by (W) Atomic Power Division Prof. Eng. W. Serh State Pa. Reg. No. 13331-E
Stress analysis report certified by (W) Atomic Power Division Prof. Eng. A. Lohmeier State Fla. Reg. No. 13436

We certify that the statements made in this report are correct and that all details of material, design, construction, and workmanship of this ~~ASME~~ nuclear vessel conform to the ASME Code ~~for Nuclear Vessels~~ Section III.
Date May 26, 19 71 Signed Westinghouse Elect. (Manufacturer) Corp. By R. R. Weller

Certificate of Authorization Expires N-122 April 10, 1972

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Westinghouse Electric Corporation at Tampa, Florida

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by Lumbermens Mutual Casualty Co. Chicago, Ill.
have inspected the pressure vessel described in this manufacturer's data report on May 28 19 71, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the ASME Code for Nuclear Vessels.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date May 27 19 71

Leonard T. Willey
Inspector's Signature

Commissions Nat'l Board 2653
Nat'l Board, State or Province No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of N.J. and employed by Lumbermens Mutual Casualty Co. of Long Grove, Ill.
have compared the statements in this manufacturer's data report with the described pressure vessel and state that parts referred to as data items Steam Generator, not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the ASME Code for Nuclear Vessels. The described vessel was inspected and subjected to a hydrostatic test of 3106 psig primary side & 1356 psig secondary side.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date July 7 19 78

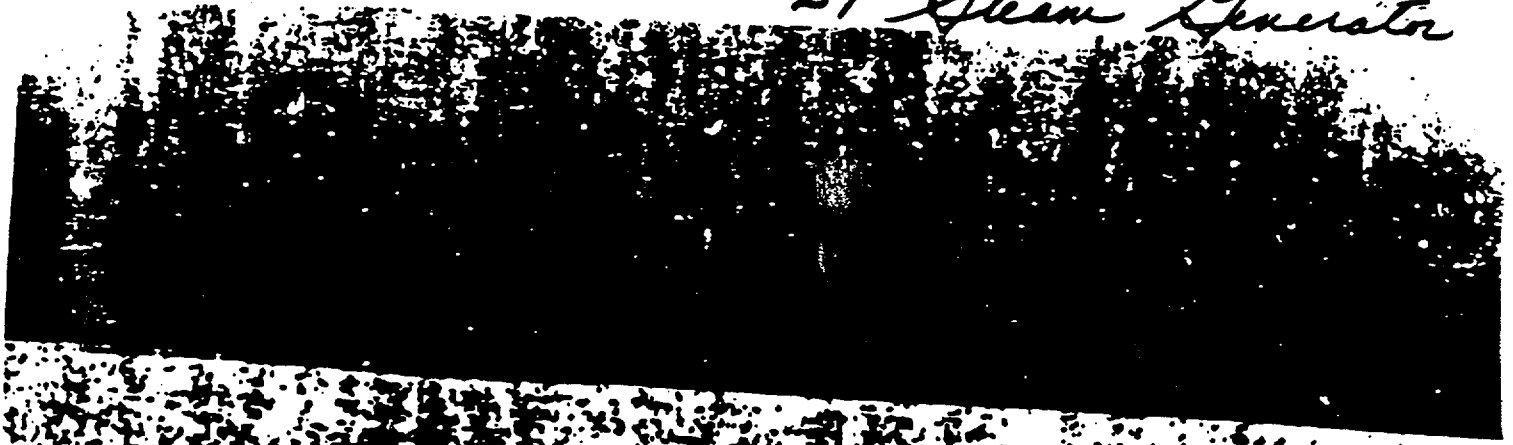
Gardner E. Lusk
Inspector's Signature

Commissions N.B. 5894
Nat'l Board, State or Province No.

This Form is obtainable from the ASME, 345 E. 47th St., New York, N.Y. 10017

Assy Closure by Westinghouse, Code Case 1429

#24 Steam Generator



Westinghouse

Nuclear Steam Generator

Elev Sq. Ft.	Serial	Primary Side	Secondary Side
51,500	1204	Class A	Class A
Instr. Book 1440 - C222		Chamber Design 2485 PSIG @ 650 °F	Shell Design 1085 PSIG @ 650 °F
NATIONAL BOARD NO. RS-52		Tube Bundle Design 1735 PSIG @ 650 °F	Tube Bundle Design 1085 PSIG @ 650 °F
[illegible]		Initial Hydrotest 3105 PSIG @ 70 °F	Initial Hydrotest 1356 PSIG @ 70 °F
SPIN NO. PRJRC FC SG 4		Subsequent Hydrotest Differential Pressure SEE EQUIP SPEC PSIG	Subsequent Hydrotest Differential Pressure SEE EQUIP SPEC PSIG
Date 1971			

Westinghouse Elec. Corp. 123P387 MADE IN U.S.A.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 01/19/2001
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP PS00-006 Rev. 0, WO 60010753, CP 80013749
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Reactor Coolant, Nuclear Class 1, S2RC -21RC6 and S2RC -23RC6 ½ CLASS 2 ADAPTER TO VALVE(S) 2RC 11/8/01
   Westinghouse E-Spec 677264 (Valves)
5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, NA Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 N416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Adapter (Coupling)	Cajon	NA	NA	QAN 98069	NA	Replacement	No

7. Description of Work Relocated tubing for transmitters by welding
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☒ Pressure 2235 psi Test Temp. NOT °F System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks CJP PS00-006 Rev. 0, WO 60010753, CP 80013749
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed Roger Dills Code Assurance Specialist Date 1/19 ,20 01
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 9/25/2000 to 1-19-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions PA 2056 NJ 8515 A NJ 431
National Board, State, Province, and Endorsements

Date 1-19 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 01/22/2001
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP PS99-004 Rev. 0, WO 970808200 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Chemical & Volume Control, Nuclear Class 1, S2-CVC-P-LT1112 and 1114

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, NA Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Reducer	Tioga Pipe Supply Co.	NA	NA	QAN 59384	NA	Replacement	No

7. Description of Work Insatlled reducers by welding for new transmitter installatioin

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☒ Pressure 19 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP PS99-004 Rev. 0, WO 970808200, DCP 1ER-0338
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed Roger Mills Code Assurance Specialist Date 1/22 ,20 01
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 3-24-99 to 6-8-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ1020
National Board, State, Province, and Endorsements

Date January 22 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 12/06/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S00-032 Rev. 0, WO 60002566 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Residual Heat Removal, Nuclear Class 1, S2RHR-2RH42 (Equip Id 10286518)

Westinghouse E-Spec G677264

5. (a) Applicable Construction Code _____ 19 NA Edition, NA Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Rockewll International	NA	NA	NA	1987	Repaired	No

7. Description of Work Removed canopy seal weld, rewelded canopy seal weld

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure NOP * psi Test Temp. NOT* °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-032 Rev. 0 WO 60002566
Applicable Manufacturer's Data Reports to be attached
Work performed to document activities for "lost" CJP S98-033
* Canopy seal weld verified to be leak free with system at normal operating pressure and temperature.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed W Bugh Code Assurance Specialist (Owner or Owner's Designee, Title) Date 12/6 , 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 3-29-00 to 11-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ 1020 (National Board, State, Province, and Endorsements)

Date 12-6 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/06/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP No. S00-042 Rev. 0, Order No. 980917219 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A; Expiration Date N/A
4. Identification of System Residual Heat Removal, Nuclear Class 2, 21RH17
   * Construction Code- Westinghouse E-Spec G-676241
5. (a) Applicable Construction Code * 19 na Edition, na Addenda, na Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Rockwell International	3624	na	na	1987	Repaired	No

7. Description of Work Re-weld Body to Bonnet Canopy Seal Weld
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 480 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Order No. 980917219
DR No. 80008800

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed R Ball - Code Assistance (Owner or Owner's Designee, Title) Date Nov 6, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 4/3/00 to 11/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions NJ 786 PA2389 I
National Board, State, Province, and Endorsements

Date 11/6 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/21/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP No. S00-045 Rev. 2, Order No. 30004189 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A; Expiration Date N/A
4. Identification of System Service Water, Nuclear Class 2, Valve 24SW72

PSEG Spec. 77-8141

5. (a) Applicable Construction Code ASME III 19 74 Edition, W76 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan International	N-00203-1-10	NA	10307105	1978	Repaired	Yes

7. Description of Work INSTALLED NEW DISC RETAINER PINS BY WELDING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 137 psi Test Temp. 54 °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks Manufacture's Data Report - Attached
Applicable Manufacturer's Data Reports to be attached
Work Order -30004189 DR#-70006422, CIP S00-045 Rev. 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair conforms to the rules of the ASME Code, Section XI
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed R E Bright - Code Assurance Specialist Date Nov 21 , 20 00
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the perio 4-4-00 to 4-18-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ1020
National Board, State, Province, and Endorsements

Date November 21 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 02/01/2001
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP No. S00-056 Rev. 3
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Main Steam, Nuclear Class 2, 23MS18
   Spec. 72-8074

5. (a) Applicable Construction Code ASME III 19 1971 Edition, NA Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 Code Case NA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet	Masoneilan Dresser Ind.	4793A MA2773	NA	Equipment No. 10305300	1997	Replacement	Yes
Valve Plug	Wilmington Valve	NA	NA	Batch No. 0000028432	1997	Replacement	No

7. Description of Work Replaced Valve Bonnet and Plug from Folio

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks See Attached Manufactur's Data Report
Applicable Manufacturer's Data Reports to be attached
DR 70002574
CJP No. S00-056 Rev. 3, W/O - 60004837

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] Code Assurance Specialist (Owner or Owner's Designee, Title) Date Feb 1, 20 01

CERTIFCATE 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 **Factory Mutual Ins. Co.** of **Johnston RI** have inspected the components described in this Owner's Report during the period 8-3-00 to 2/1/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 PA 2056 NI 13515A, WJ 431
National Board, State, Province, and Endorsements

Date 2/1 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/16/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S 00-085 Rev. 00 order CM990430193 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A; Expiration Date N/A
4. Identification of System Component Cooling, Nuclear Class 2, Valve 2CC190
5. (a) Applicable Construction Code Draft Pump & Valve Code, 1968 Edition, March 1970 Addenda. Draft P&V 19 68 Edition, 70 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	Velan Inc.	NA	NA	NA	NA	Replacement	No
Nuts	Velan Inc.	NA	NA	NA	NA	Replacement	No

7. Description of Work Replace body to bonnet bolting..
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 122 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-085 Rev. 00, order CM990430193 DR 80014724
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John I Fisher Technical Analyst Date 11/16 ,20 00
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 8-31-00 to 10-25-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ1020
National Board, State, Province, and Endorsements

Date NOVEMBER 20 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/29/00
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — WO #60003002, S00086 REv.0 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A
Expiration Date N/A

4. Identification of System Main Steam, Floc# 23MS11, SPS12, Nuc.CL. 2
Pipe Specification S-C-MPOO-MGS-0001
DP&V 1968 Edition

5. (a) Applicable Construction Code ASME III 19 68 Edition, W70 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby	N55100-03-0046	N/A	N/A	1989	Replacement	Yes
N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A		

7. Description of Work Inservice Leak Test for work performed by Crane Movats, PO4500081826

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1040 psi Test Temp. Saturat Stm.

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

FORM NIS-2 (Back)

9. Remarks WO# 60003002, CJP S00086rev.0
Applicable Manufacturer's Data Reports to be attached
Reference Crane PO 4500081826, WO#V24476

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair conforms to the rules of the ASME Code, Section XI
(repair or replacement)

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed _____ Date Nov. 29 , 20 00
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 8-29-00 to 11-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

_____ Commissions NB11207IBNA + NJ1020
Inspector's Signature
National Board, State, Province, and Endorsements

Date Nov 29 20 00

FORM NVR-1 REPORT OF REPAIR ☒ MODIFICATION ☐ OR REPLACEMENT ☒ OF NUCLEAR PRESSURE RELIEF DEVICES

1. Work performed by **Crane Movats, A Division of Crane Nuclear, Inc.** (name of certificate holder) — 4500081826 (P.O. no., job no., etc.)
   2825 Cobb International Blvd., Kennesaw, GA 30152-4352 (address)
2. Work performed for **Public Service Electric and Gas Company, Hancocks Bridge, NJ 08038** (name and address)
3. Owner **Public Service Electric and Gas Company** (name)
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038 (address)
4. Name, address and identification of nuclear power plant Salem
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038
5. a: Repair pressure relief device: **N55100-03-0046**
   b: Name of manufacturer: Crosby Valve and Gage Co.
   c: Identifying nos. **HA65W** (type) | **N5510-03-0046** (mfr's serial no.) | **None** (Nat'l Bd. No.) | **Steam** (service) | **6R10** (size) | **1989** (year built)
   d: Construction Code: **ASME III** (name/section/division) | **1968** (edition) | **W1970** (addenda) | **N/A** (Code Case(s)) | **1** (Code Class)
6. ASME Code Section XI applicable for inservice inspection: ***1986** (edition) | **None** (addenda) | (Code Case(s))
7. ASME Code Section XI used for repairs, modifications, or replacements: 1986 (edition) | (addenda) | (Code Case(s))
8. Construction Code used for repairs, modifications, or replacements: 1968 (edition) | W1970 (addenda) | N/A (Code Case(s))
9. Design Responsibility **Crosby Valve and Gage Co.**
10. Opening pressure: 1125 Blowdown (if applicable) N/A %. Set pressure and blowdown adjustment Made at: Thorofare, NJ (location) Using Steam (test medium)
11. Description of work: (include name and identifying number of replacement parts) Cleaned and inspected parts, verified Critical dimensions & spring range, reconditioned seats by lapping & polishing, reassembled & tested.
12. Remarks: Replaced Disc Insert-Crosby- P/N N95396, S/N N95396-44-0010.
    *IST Program ASME XI 1989 Edition No Addenda.

CERTIFICATE OF COMPLIANCE

I, Michael DeVito, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 473 to use the "VR stamp expires July 22, 20 02

National Board Certificate of Authorization No. 32 to use the "NR stamp expires July 22, 20 02

Date 9/8, 20 00 Crane Movats (name of certificate holder) Signed Michael DeVito (authorized representative) QA Inspector (title)

CERTIFICATE OF INSPECTION

I, Dallas W. Kinley III, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Co. of Johnston, RI have inspected the repair, modification or replacement described in this report on 10/3, 20 00 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

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

Date 10/3, 20 00 Signed (inspector) Commissions NB11207 IBWA + NJ1020 (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/29/00
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S00-087 Rev. 0, WO 60003005 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A
Expiration Date N/A

4. Identification of System Main Steam, Nuclear Class 2, 21MS13

PSEG Spec 69-6422

5. (a) Applicable Construction Code ASME III 19 68 Edition, W70 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby Valve	N5100-02-0031	NA	NA	1969	Replacement	Yes

7. Description of Work Work performed under Crane Job # 4500081826, PESG performed VT-2 Exam

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CIP S00-087 Rev. 0, WO 60003005, Crane Job # 4500081826
Applicable Manufacturer's Data Reports to be attached
attached Crane NVR-1 Report

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] CODE ASSURANCE SPECIALIST Date 11/29, 20 00
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 8-29-00 to 11-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NB11207 IBNA + NJ1020
Inspector's Signature National Board, State, Province, and Endorsements

Date NOV 29 2000

FORM NVR-1 REPORT OF REPAIR [X] MODIFICATION [ ] OR REPLACEMENT [X] OF NUCLEAR PRESSURE RELIEF DEVICES

1. Work performed by **Crane Movats, A Division of Crane Nuclear, Inc.** (name of certificate holder) — 4500081826 (P.O. no., job no., etc.)
   2825 Cobb International Blvd., Kennesaw, GA 30152-4352 (address)
2. Work performed for **Public Service Electric and Gas Company, Hancocks Bridge, NJ 08038** (name and address)
3. Owner **Public Service Electric and Gas Company** (name)
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038 (address)
4. Name, address and identification of nuclear power plant **Salem**
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038
5. a: Repair pressure relief device: **N55100-02-0031**
   b: Name of manufacturer: **Crosby Valve and Gage Co.**
   c: Identifying nos. **HA65W** (type) **N5100-02-0031** (mfr's serial no.) **None** (Nat'l Bd. No.) **Steam** (service) **6R10** (size) **1969** (year built)
   d: Construction Code: **ASME III** (name/section/division) **1968** (edition) **W1970** (addenda) **N/A** (Code Case(s)) **1** (Code Class)
6. ASME Code Section XI applicable for inservice inspection: ***1986** (edition) **None** (addenda) ____ (Code Case(s))
7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) ____ (addenda) ____ (Code Case(s))
8. Construction Code used for repairs, modifications, or replacements: **1968** (edition) **W1970** (addenda) **N/A** (Code Case(s))
9. Design Responsibility **Crosby Valve and Gage Co.**
10. Opening pressure: **1110** Blowdown (if applicable) **N/A** %. Set pressure and blowdown adjustment Made at: **Thorofare, NJ** (location) Using **Steam** (test medium)
11. Description of work: (include name and identifying number of replacement parts) **Cleaned and inspected parts, verified critical dimensions & spring range, reconditioned seats by lapping & polishing, reassembled & tested.**
12. Remarks: Replaced Disc Insert-Crosby P/N N95396, S/N N95396-45-0102.
    *IST Program ASME XI 1989 Edition No Addenda.

CERTIFICATE OF COMPLIANCE

I, Michael DeVito, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 473 to use the "VR stamp expires July 22, 20 02

National Board Certificate of Authorization No. 32 to use the "NR stamp expires July 22, 20 02

Date 9/13, 20 00 Crane Movats (name of certificate holder) Signed Michael DeVito (authorized representative) QA Inspector (title)

CERTIFICATE OF INSPECTION

I, Dallas W. Kinley III, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Co. of Johnston, RI have inspected the repair, modification or replacement described in this report on 10/3, 20 ____ and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

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

Date 10/3, 20 00 Signed [signature] (inspector) Commissions NB 11207 IN MA + NJ 1000 (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/29/00
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S00-088 Rev. 0, WO 60003003 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
Authorization No. N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Main Steam, Nuclear Class 2, 23MS14

PSEG Spec 69-6422

5. (a) Applicable Construction Code ASME III 19 68 Edition, W70 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby Valve	N5100-02-0042	NA	NA	1978	Replacement	Yes

7. Description of Work Work performed under Crane Job # 4500081826, PESG performed VT-2 Exam

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-087 Rev. 0, WO 60003003, Crane Job # 4500081826
Applicable Manufacturer's Data Reports to be attached
attached Crane NVR-1 Report

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed Roger Miller CODE ASSURANCE SPECIALIST Date 11/29 , 20 00
Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 8-29-00 to 11-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11207 IBNA + NJ1020
Inspector's Signature
National Board, State, Province, and Endorsements

Date NOV 29 20 00

FORM NVR-1 REPORT OF REPAIR ☒ MODIFICATION ☐ OR REPLACEMENT ☒ OF NUCLEAR PRESSURE RELIEF DEVICES

1. Work performed by **Crane Movats, A Division of Crane Nuclear, Inc.** (name of certificate holder) — 4500081826 (P.O. no., job no., etc.)
   2825 Cobb International Blvd., Kennesaw, GA 30152-4352 (address)
2. Work performed for **Public Service Electric and Gas Company, Hancocks Bridge, NJ 08038** (name and address)
3. Owner **Public Service Electric and Gas Company** (name)
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038 (address)
4. Name, address and identification of nuclear power plant **Salem**
   Alloway Creek Neck Road, Hancocks Bridge, NJ 08038
5. a: Repair pressure relief device: **N55100-02-0042**
   b: Name of manufacturer: **Crosby Valve and Gage Co.**
   c: Identifying nos. **HA65W** (type) **N55100-02-0042** (mfr's serial no.) **None** (Nat'l Bd. No.) **Steam** (service) **6R10** (size) **1978** (year built)
   d: Construction Code: **ASME III** (name/section/division) **1968** (edition) **W1970** (addenda) **N/A** (Code Case(s)) **1** (Code Class)
6. ASME Code Section XI applicable for inservice inspection: ***1986** (edition) **None** (addenda) ( ) (Code Case(s))
7. ASME Code Section XI used for repairs, modifications, or replacements: **1986** (edition) ( ) (addenda) ( ) (Code Case(s))
8. Construction Code used for repairs, modifications, or replacements: **1968** (edition) **W1970** (addenda) **N/A** (Code Case(s))
9. Design Responsibility **Crosby Valve and Gage Co.**
10. Opening pressure: **1100** Blowdown (if applicable) **N/A** %. Set pressure and blowdown adjustment Made at: **Thorofare, NJ** (location) Using **Steam** (test medium)
11. Description of work: (include name and identifying number of replacement parts) **Cleaned and inspected parts, verified Critical dimensions & spring range, reconditioned seats by lapping & polishing, reassembled & tested.**
12. Remarks: **Replaced Disc Insert-Crosby P/N N95396, S/N N95396-44-0095, & Disc Holder- Crosby PN D00783-001. *IST Program ASME XI 1989 Edition No Addenda.**

CERTIFICATE OF COMPLIANCE

I, Michael DeVito, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 473 to use the "VR stamp expires July 22, 20 02

National Board Certificate of Authorization No. 32 to use the "NR stamp expires July 22, 20 02

Date 9/16, 20 00 Crane Movats (name of certificate holder) Signed Michael DeVito (authorized representative) QA Inspector (title)

CERTIFICATE OF INSPECTION

I, Dallas W Kinley III, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Co. of Johnston, RI have inspected the repair, modification or replacement described in this report on 10/3, 20 00 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

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

Date 10/3, 20 00 Signed (inspector) Commissions NB 11207 IBNA (National Board (incl. endorsements), and jurisdiction, and no.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 01/25/2001
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S00-092 Rev 0, WO 50003280 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Reactor Coolant, Nuclear Class 1, S2RC -2PR4

E-Spec 676279 (VTD 108419)

5. (a) Applicable Construction Code ASME III Div 1 NB 19 68 Edition, S68 Addenda, 1649 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby Valve Inc.	N91590-00-0008	NA	QAN 93836	98	Replacement	~~No~~ Yes RMO 1/25/01

7. Description of Work Replaced valve

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☒ Pressure NOP psi Test Temp. NOT °F System Functional Test

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

FORM NV-1 FOR SAFETY AND SAFETY RELIEF VALVES
As required by the Provisions of the ASME Code Rules

DATA REPORT

1. Manufactured By Crosby Valve Inc., 43 Kendrick St., Wrentham, MA 02093
Name and Address
Model No. HB-BP-86 Order No. NV8000024 Contract Date 01/16/98 National Board No. N/A

2. Manufactured For PUBLIC SERVICE ELECTRIC & GAS CO. Order No. P1 0948282 1280
Name and Address

3. Owner PUBLIC SERVICE ELECTRIC & GAS
Name and Address

4. Location of Plant SALEM STATION

5. Valve Identification FA-223 Serial No. N91590-00-0008 Drawing No. DS-B-91590 REV.C

Type SAFETY Orifice Size 2.154 Pipe Size ____ Inlet 6 Outlet 6
Safety, Safety Relief, Pilot, Power Actuated — Inch — Inch — Inch

6. Set Pressure (PSIG) 2485 668 ° F
Rated Temperature

Stamped Capacity 420,006 LB/HR SAT STM @ 3% % Overpressure — Blowdown (psig) 5% OF SP

Hydrostatic Test (PSIG) Inlet 3110 Complete Valve 500

7. The material, design, construction and workmanship comply with ASME Code, Section III.

Class 1 Edition 1968 Addenda Date SUMMER 1968 Case No. 1649

Pressure Containing or Pressure Retaining Components

	Serial No. Identification	Material Specification Including Type or Grade
a. Castings		
Body	N97210-32-0008	ASME SA182 GR.F316
Bonnet	N97221-32-0008	ASME SA105
b. Bar Stock and Forgings		
Support Rods	---	---
Nozzle	N97212-32-0008	ASME SA182 GR.F316
Disc	N97215-33-0015	ASME SB637 UNSN07718
	N97218-31-0007	
Spring Washers	N97218-32-0019	ASME SA193 GR.B6
Adjusting Bolt	N97219-34-0010	ASME SA193 GR.B6
Spindle	N97216-31-0002	ASME SA193 GR.B6

Form NV-1 (Back) Certificate Holder's Serial Nos. N91590-00-0008

	Serial No. Identification	Material Specification Including Type or Grade
c. Spring	NX3104-0065	ASTM A304 GR.516OH
d. Bolting	---	---
e. Other Parts such as Pilot Components		
DISC HOLDER	N97213-31-0004	ASME SB637 UNSNO7718
DISC BUSHING	N97214-31-0010	STELLITE NO.6B
SPINDLE BALL	N97217-0002	ASTM A276 TYPE 440C
BONNET STUD	N95778	ASME SA193 GR.B7
BONNET NUT	N93781	ASME SA194 GR.2H
INLET STUD	N97273	ASMESA453 GR.660

We certify that the statements made in this report are correct.

Date 23 SEP 19 98 Signed Crosby Valve Inc. (Manufacturer) By Brett Crosby

Certificate of Authorization No. N-1878 Expires 30 Sep.'98 (Date)

CERTIFICATE OF SHOP 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 Mass. And employed by

* Protection Mutual Insurance Co.

have inspected the equipment described in this Data Report on September 23 19 98 and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Section III.

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

Date 9-23 19 98 * Factory Mutual Systems

(Inspector) Commissions MA-1418 N
(National Board, State, Province and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 12/13/2000
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP S00-132 Rev. 0, WO 50016432, DR 70011461
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Safety Injection, Nuclear Class 2, S2SJ -2ASISN105

Design Spec 73-6402

5. (a) Applicable Construction Code ASME Sect III 19 74 Edition, S76 Addenda, 1644-5 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	19004	NA	NA	1983	Replacement	~~No~~ Yes

7. Description of Work Replaced snubber in kind

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure NA psi Test Temp. NA °F

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

FORM NIS-2 (Back)

9. Remarks CJP S00-132 Rev. 0, WO 50016432, DR 70011461

Applicable Manufacturer's Data Reports to be attached

Snubber visual exam performed prior to placing inservice

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] CODE ASSURANCE SPECIALIST (Owner or Owner's Designee, Title) Date 12/13, 20 00

CERTIFCATE 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 **Factory Mutual Ins. Co.** of **Johnston RI** have inspected the components described in this Owner's Report during the period 10-24-00 to 12/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 PA 2056 N I,B S I,S A, NJ 431 (National Board, State, Province, and Endorsements)

Date 12/13/ 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 02/01/2001
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP# S00-138 Rev. 1, WO# 60012788 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
Authorization No. N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A

4. Identification of System Chemical and Volume Control, Nuclear Class 2, S2CVC-22CV99
Westinghouse E-Spec 676241 (Valve)
ANSI B31.7 1967 (Pipe), Spec S-C-MB00-MDS-0043- Pipe hanger

5. (a) Applicable Construction Code ASME III 19 71 Edition, W71 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Cover	Edward Valves, Inc	26974-101-5 and 6	NA	QAN 81707	1996	Replacement	No
Pipe	Tioga	NA	NA	QAN 91004	NA	Replacement	No
Pipe Hanger	PSEG	NA	NA	2C-WDGH-126	1985*	Repaired	No

7. Description of Work Installed new valve cover and pipe from folio, rewelded pipe hanger.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 1515 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP# S00-138 Rev. 0, WO# 60012788, DCP 80019063, DREV 70011446
Applicable Manufacturer's Data Reports to be attached
*year built for pipe hanger 2C-WDGH-126 is 1985 based on design specification S-C-MPOO-MDS-0043

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and REPAIR / replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] - Code Assurance Specialist (Owner or Owner's Designee, Title) Date FEB 01, 20 01

CERTIFCATE 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 **Factory Mutual Ins. Co.** of **Johnston RI** have inspected the components described in this Owner's Report during the period 10-28-2000 to 2/1/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 PA 2056 N,I,B&S,IS A, WT 431
National Board, State, Province, and Endorsements

Date 2/1/ 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 01/18/2001
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP# S00-139 Rev. 1, WO# 60012789
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Chemical and Volume Control, Nuclear Class 2, S2CVC-23CV99

5. (a) Applicable Construction Code PSEG Spec 76-6152 ASME III Div. 1 19 77 Edition, W79 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Rockwell International	BS670	NA	QAN 27029A	1984	Replacement	No

7. Description of Work Replaced valve per DCP 80018858

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☑ Pressure 1515 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP# S00-139 Rev. 1, WO# 60012789, DCP# 80018858
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] Code Assurance Specialist (Owner or Owner's Designee, Title) Date 1/18, 20 01

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10-26-00 to 11-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NJ1020
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-19- 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/15/2000
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S 00-150 Rev. 00 order 60001046 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
Authorization No. N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Main Steam, Nuclear Class 2, Valve 21MS171

5. (a) Applicable Construction Code ASME III NC 19 71 Edition, S72 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Plug & Stem	Fisher Controls Int'l.	PD8904-1	NA	10299357	1990	Replacement	No

7. Description of Work Replaced plug and stem in kind..

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-150 Rev. 00, order 60001046, equipment number 10299357
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John T Fisher Technical Analyst (Owner or Owner's Designee, Title) Date 11/15 , 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10/31/00 to 11-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 PA2056 W185ISA NJ471 (National Board, State, Province, and Endorsements)

Date 11-17 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/16/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S 00-151 Rev. 00 order 60001044 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A; Expiration Date N/A
4. Identification of System Main Steam, Nuclear Class 2, Valve 24-MS-171

5. (a) Applicable Construction Code ASME III NC 19 71 Edition, S72 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plug	Fisher Controls	~~NA~~ 5#25453	NA	~~NA~~ 13949-4	1986	Replacement	No

7. Description of Work Replaced valve pug in kind.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-151 Rev. 00, order 60001044

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] Technical Analyst (Owner or Owner's Designee, Title) Date 11/16 ,20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10-31-00 to 11-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions P#2056 NB3515A, NJ431

Inspector's Signature

National Board, State, Province, and Endorsements

Date 11-17 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/15/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S 00-152 Rev. 00 order 60001045 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A — Expiration Date N/A
4. Identification of System Main Steam, Nuclear Class 2, Valve 21MS169

5. (a) Applicable Construction Code ASME III NC 19 71 Edition, S72 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Plug & Stem	Fisher Controls Int'l.	KC5126-2	NA	10299355	1992	Replacement	No

7. Description of Work Replaced plug and stem in kind..

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-152 Rev. 00, order 60001045, equipment number 10299355
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John T Parker Technical Analyst (Owner or Owner's Designee, Title) Date 11/15, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10-31-00 to 11-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

WS Hewitt
Inspector's Signature

Commissions PA 2056 NB 5154, NJ 431
National Board, State, Province, and Endorsements

Date 11-17- 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 11/16/2000
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP S 00-153 Rev. 00 order 60001819
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Main Steam, Nuclear Class 2, Valve 22-MS-169

5. (a) Applicable Construction Code ASME III NC 19 71 Edition, S72 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plug	Fisher Controls	~~NA~~ 572545 3	NA	~~NA~~ 13949-5	1986	Replacement	No

7. Description of Work Replaced valve pug in kind.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-153 Rev. 00, order 60001819

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John T Fisher Technical Analyst (Owner or Owner's Designee, Title) Date 11/16 ,20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10-31-00 to 11-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M S Arnold
Inspector's Signature

Commissions PA 2056 NB 5154 NJ 431
National Board, State, Province, and Endorsements

Date 11/17/ 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 11/16/2000
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP S 00-154 Rev. 00 order 60001463
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Main Steam, Nuclear Class 2, Valve 23-MS-169

5. (a) Applicable Construction Code ASME III NC 19 71 Edition, S72 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plug	Fisher Controls	~~NA~~ 5725453	NA	~~NA~~ 13949-6	1986	Replacement	No

7. Description of Work Replaced valve pug in kind.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1040 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-154 Rev. 00, order 60001463

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John Thacker Technical Analyst (Owner or Owner's Designee, Title) Date 11/16, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10/31/00 to 11/17/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M S Hamilton
Inspector's Signature

Commissions PA 2056 NIBS/SA NT 431
National Board, State, Province, and Endorsements

Date 11-17 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC — Date 11/14/2000
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Sheet 1 of 1
   Address
2. Plant Salem Nuclear Generating Station — Unit # Salem 2
   Name
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — CJP S 00-177 Rev. 00 order 50004228
   Address — Repair Organization P.O. No., Job No., etc.
3. Work Performed by PSEG Nuclear LLC — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Expiration Date N/A
   Address
4. Identification of System Reactor Coolant, Nuclear Class 1, Steam Generator 2RCE8

5. (a) Applicable Construction Code ASME III, NB 19 65 Edition, S66 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	1204	68-52	10286233	1971	Replacement	Yes

7. Description of Work Documentation of post maintenance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2235 psi Test Temp. NOT °F System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks CJP S00-177 Rev. 00, order 50004228

Applicable Manufacturer's Data Reports to be attached

Documentation of post maintenance testing only. Work performed under Framatome Technologies Inc. NR program in accordance purchase order 1011186

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John L Fisher, Technical Analyst (Owner or Owner's Designee, Title) Date 11/14, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 11-1-00 to 11-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions PA 2056 NJ BSI SA NJ 431

National Board, State, Province, and Endorsements

Date 11-14 20 00

FORM NR-1 REPORT OF REPAIR[ ] MODIFICATION [ ] OR REPLACEMENT [X]
TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Framatome Technologies Inc. (name of NR certificate holder) 1011186 (P.O. no., job no., etc.)
3315 Old Forest Road Lynchburg, VA 24501 (address)

2. Owner PSEG Nuclear LLC (name)
End of Buttonwood Road, Hancocks Bridge, New Jersey 08038 (address)

3. Name, address and identification of nuclear power plant Salem Nuclear Generating Station Unit 2 End of Buttonwood Road, Hancocks Bridge, New Jersey 08038

4. System React Coolant - Steam Generator

5. a: Items Which Required Repair, Modification, or Replacement Activities

Identification								Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	(2)	(1)	1204	68-52	N/A	SG-24 2RCE8	1971	ASME III Div. 1	1965/ Summer 1966	None	A	Replace See Description.
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

5. b: Items Installed During Replacement Activities

Identification								Construction Code			
Type of Item	Installed or. Replaced 5a Item No.	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class

6. ASME Code Section XI applicable for in service inspection: 1986 (edition) None (addenda) None (Code Cases(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1986 (edition) None (addenda) None (Code Cases(s))

8. Construction Code used for repairs, modifications, or replacements: 1965 (edition) Summer 1966 (addenda) None (Code Cases(s))

9. Design responsibilities: N/A

10. Tests conducted: (3) hydrostatic pneumatic design pressure pressure _____ psi Code Case(s) _____

11. Description of work:

(use of properly identified additional sheet(s) or sketch(es) is acceptable)

Replaced primary manway stud number 8(Framatome Technologies P/N 1251023-001- HT No.8862085) in Steam Generator 24 (2RCE8) Hot Leg manway using Framatome Technologies Traveler 50-1240367-03.

12. Remarks:

(1) Westinghouse Electric Corporation

(2) Vertical Steam Generator 24 - 2RCE8

(3) By Others – PSEG Nuclear LLC to perform pressure test.

CERTIFICATE OF COMPLIANCE

I, James P. Bartleman Certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME Code and The National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. NR-64 to use the "NR" stamp expires May 17, 2003

NR Certificate Holder Framatome Technologies Inc.
(name)

Date Nov. 6, 2000 Signed J.P. Bartleman (authorized representative) QA/QC Manager (title)

CERTIFICATE OF INSPECTION

I, Dallas W. Kinley, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of New Jersey and employed by Factory Mutual Insurance Company of Johnston, RI have inspected the repair, modification or replacement described in this report on Nov. 6, 2000 and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date Nov. 6, 20000 Signed Dallas W. Kinley (inspector) Commissions NB11207 & NA + NJ1022 (National Board (incl. endorsements), jurisdiction, and no.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 01/17/2001
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S97-096 Rev. 1, WO 970415188, (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A
4. Identification of System Residual Heat Removal, Nuclear Class 1, S2RHR-2RH26

Westinghouse E-Spec G-676258

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, NA Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	Velan	NA	NA	QAN 81980	NA	Replacement	No
Nut	Nova Machine Co.	NA	NA	QAN 87146	NA	Replacement	No

7. Description of Work Replaced bolting (studs & nuts) as per DCP 2EO-2563 Pkg 1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☒ Pressure 150 psi Test Temp. NOT °F System Leakage Test

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

9. Remarks CJP S97-096 Rev. 1, WO 970415188, DCP 2EQ-2563
Applicable Manufacturer's Data Reports to be attached
VT-1 exam of bolting performed by ISI prior to installation WINISI SUM # 257950

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] CODE ASSURANCE SPECIALIST (Owner or Owner's Designee, Title) Date 1/17, 20 01

CERTIFCATE 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 **Factory Mutual Ins. Co.** of **Johnston RI** have inspected the components described in this Owner's Report during the period 10-17-00 to 11-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 NJ1020
National Board, State, Province, and Endorsements

Date 1/17 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Public Service Electric & Gas Company - Nuclear Business Unit (Name) — Date 11/17/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S98-009 Rev. 00 Order 961213097 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by Public Service Electric & Gas Co.-NBU (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A — Expiration Date N/A
4. Identification of System Chemical Volumn Control Valve 2CV47 Nuclear Class II

E Spec G-676241

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, N/A Addenda, 1970 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nuts	Allied Nut and Bolt Co.	N/A	N/A	Q89146	N/A	Replacement	No
Studs	Allied Nut and Bolt Co.	N/A	N/A	Q84005	N/A	Replacement	No

7. Description of Work Replaced studs and nuts in kind

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2550 psi Test Temp. 97.6 °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP 98-0009 Order 96123097 DR 961213097. VT-2 performed under order CM990211129
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed John Tucker Technical Analyst (Owner or Owner's Designee, Title) Date 11/17 ,20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 1-18-98 to 9-1-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ1020 (National Board, State, Province, and Endorsements)

Date NOVEMBER 21 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Public Service Electric & Gas Company - Nuclear Business Unit (Name) — Date 11/19/99
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP# S99-136 revision 2, W.O. 980925162 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by Public Service Electric & Gas Co.-NBU (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A — Expiration Date N/A
4. Identification of System Service Water, SPS 27J ,Valve 22SW58 (SN# N00203-1-4)
   Engineering Spec. # S2-1977-DSP-8141
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, n/a Addenda, n/a Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
22SW58	Masoneilan	SN#N00203-1-4	N/A	N/A	1978	Repaired	Yes

7. Description of Work
* Weld repair of body and disk. Post Maintenance pressure test to be performed under work order for installation of valve.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ *
   Other ☐ Pressure ___ psi Test Temp. ___ °F

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

FORM NIS-2 (Back)

9. Remarks CJP# S99-136 revision 2, W.O. 980925162, DR 80004529 and CR 990609088

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] - Code Assurance (Owner or Owner's Designee, Title) Date 11-19, 19 99

CERTIFCATE 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 Protection Mutual Ins. Co.* of Norwood, MA have inspected the components described in this Owner's Report during the period 7-26-99 to 11-19-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Factory Mutual Insurance Company

[signature] Inspector's Signature

Commissions PA 2056 N/IQSISA NJ431 (National Board, State, Province, and Endorsements)

Date 11-19- 1999.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 11/21/2000

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP No. S99-148 Rev. 1, Order No. 30004103 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A — Expiration Date N/A

4. Identification of System Service Water, Nuclear Class 2, Valve 24SW58
PSEG Spec. 77-8141

5. (a) Applicable Construction Code ASME III 19 74 Edition, W76 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	Masoneilan International	N00-203-1-6	NA	10307088	1978	Repaired	Yes

7. Description of Work INSTALLED NEW DISC RETAINER PINS BY WELDING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure ** psi Test Temp. 84.7 °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks ** Test pressure 96 psig inlet 2PL9621, 54 psig outlet 2PL9622 Manufactures Data Report - attached

Applicable Manufacturer's Data Reports to be attached

Work Order- 30004103 DR# 70000395 CJP# S99-148 Rev. 1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] - Code Assurance Specialist (Owner or Owner's Designee, Title) Date Nov 21, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 8-4-99 to 8-6-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 NJ1020 (National Board, State, Province, and Endorsements)

Date November 21 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 02/04/2001
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S99-244 Rev. 0, WO 30004206 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
Authorization No. N/A
End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Expiration Date N/A

4. Identification of System Service Water, Nuclear Class 2, S2SW -25SW72

5. (a) Applicable Construction Code PSEG Spec 72-8074 DP&V 19 68 Edition, 70 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N-00113-39-1	NA	NA	1974	Replacement	No

7. Description of Work Replaced valve 25SW72 in kind from folio

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 130 psi Test Temp. 55 °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CJP S99-244 Rev. 0, WO 30004206
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] CODE ASSURANCE SPECIALIST (Owner or Owner's Designee, Title) Date 2/4 ,20 01

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 11-3-99 to 11-8-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NJ1020
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-06- 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Nuclear Business Unit — Public Service Electric & Gas Company - Name — Date 1/23/01

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Address — Sheet 1 of 1

2. Plant Salem Nuclear Generating Station — Name — Unit # Salem 2

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Address — CJP S99-254 Rev. 0, WO 30004152 — Repair Organization P.O. No., Job No., etc.

3. Work Performed by Public Service Electric & Gas Co.-NBU — Name — Type Code Symbol Stamp N/A

End of Buttonwood Road, Hancocks Bridge, N.J. 08038 — Address — Authorization No. N/A — Expiration Date N/A

4. Identification of System Service Water, Nuclear Class 2, S2SW -22SW72

PSEG Spec 77-8141

5. (a) Applicable Construction Code ASME III Div 1 19 74 Edition, W76 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N00203-1-4	NA	Batch # 0000034870	1978	Replacement	No

7. Description of Work Replaced valve 22SW72 in kind from folio.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 129 psi Test Temp. NOT °F System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks CIP S99-254 Rev. 0, WO 30004152

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and _____ conforms to the rules of the ASME Code, Section XI

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] CODE ASSURANCE SPECIALIST Date 1/23 , 20 01

Owner or Owner's Designee, Title

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 11-22-99 to 11-24-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NB11207 I + NJ1020

Inspector's Signature

National Board, State, Province, and Endorsements

Date January 23 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PSEG Nuclear LLC (Name) — Date 09/06/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem Common
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S99-256 Rev. 2, WO 30004206 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by PSEG Nuclear LLC (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A; Expiration Date N/A
4. Identification of System Service Water, Nuclear Class 2, Valve S/N N00203-1-9

PSEG Spec 77-8141

5. (a) Applicable Construction Code ASME III 19 74 Edition, W76 Addenda, NA Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N00203-1-9	NA	NA	1978	Repaired	Yes
Disc	Masoneilan	NA	NA	QAN 87049	NA	Replacement	No

7. Description of Work Repair valve body by welding, replace vane like in kind

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure NA psi Test Temp. NA °F

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

FORM NIS-2 (Back)

9. Remarks cip S99-256 Rev. 2, WO 30004206

Applicable Manufacturer's Data Reports to be attached RMT 9/6/00

No Inservice Leak Test performed, the valve will be returned to folio. PMT will be performed by CIP when valve is installed in the system

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair/replacement conforms to the rules of the ASME Code, Section XI

(repair or replacement)

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed Code Assurance Specialist Date 9/6, 20 00

(Owner or Owner's Designee, Title)

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 11-18-99 to 9-8-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NJ1020

National Board, State, Province, and Endorsements

Date 9-8 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Public Service Electric & Gas Company - Nuclear Business Unit (Name) — Date 06/17/2000
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Sheet 1 of 1
2. Plant Salem Nuclear Generating Station (Name) — Unit # Salem 2
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — CJP S99-266 Rev. 1 W/o#- 60004344 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed by Public Service Electric & Gas Co.-NBU (Name) — Type Code Symbol Stamp N/A
   End of Buttonwood Road, Hancocks Bridge, N.J. 08038 (Address) — Authorization No. N/A
   Expiration Date N/A
4. Identification of System Service Water System Nuclear Class II Valve 22SW72
5. (a) Applicable Construction Code PSE&G Spec 72-8074 Draft Pump& Valve Code, 1968 Edition, March 1970 Addenda. DP&V 19 68 Edition, 70 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 N/A Code Case
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan International	N-324113-1-1	NA	NA	1978	Repaired	No
Disc	Masoneilan International	N00113-39-1	N/A	N/A	~~1978~~ 1997 MS	Replacement	No

7. Description of Work Performed weld repairs of body, replaced disk and returned valve to folio
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure ___ psi Test Temp. ___ °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturers Data report not applicable.
Applicable Manufacturer's Data Reports to be attached
W/O# 60004344 DR# 80005100 CJP# S99-266 Rev. 1
Valve returned to folio. pressure test will be performed with installation CJP when installed.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and repair (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration NA

Signed [signature] Code Analyst (Owner or Owner's Designee, Title) Date 6/17, 20 00

CERTIFCATE 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 Factory Mutual Ins. Co. of Johnston RI have inspected the components described in this Owner's Report during the period 10-7-99 to 6-23-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By Signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 PA 2056 N1B5I5A, NF451
National Board, State, Province, and Endorsements

Date 6-23- 20 00