**Exel**نn Nuclear Exelon Generation Company, LLC www.exeloncorp.com Braidwood Station 35100 South Rt 53, Suite 84 Braceville, IL 60407-9619 Tel. 815-4 58-2801 January 10, 2002 BW020001 U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555 - 0001 Braidwood Station, Unit 1 Facility Operating License Nos. NPF-72

NRC Docket No. STN 50-456

Subject: Braidwood Station, Unit 1 Inservice Inspection Summary Report

Enclosed please find the Post-Outage (90 day) Summary Report for Inservice Inspection examinations conducted during the ninth refueling outage of Braidwood Station Unit 1 (i.e., A1R09). This report is submitted in accordance with the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for the Inservice Inspection of Nuclear Power Plant Components."

Based on a Braidwood Unit 1 return to service date of October 12, 2001 and the submittal requirements of ASME Section XI Subarticle IWA-6230, "Summary Report Submittal," this report is to be provided to the U. S. NRC and the State of Illinois, Department of Nuclear Safety by January 10, 2002.

Please direct any questions you may have regarding this submittal to Ms. Amy Ferko, Regulatory Assurance Manager, at (815) 417-2699.

Respectfully,

James D. von Suskil Site Vice President Braidwood Station

Enclosure: Braidwood Station ISI Outage Report for A1R09

AD47

cc: Regional Administrator – NRC Region III NRC Senior Resident Inspector – Braidwood Station (w/o enclosure) Office of Nuclear Facility Safety - Illinois Department of Nuclear Safety

# **BRAIDWOOD STATION**

# UNIT 1 INSERVICE INSPECTION SUMMARY REPORT FOR:

Interval 2, Period 2, Outage 1

**STATION ADDRESS:** 

Braidwood Station 35100 S. Rt. 53 Suite 84 Braceville, Illinois 60407

### **UNIT 1 COMMERCIAL SERVICE DATE:**

July 29, 1988

### **OWNER'S ADDRESS:**

Exelon Generation Co., LLC 300 Exelon Way Kennett Square PA 19348

### TABLE OF CONTENTS

DESCRIPTION:	PAGE:
TITLE PAGE	i
TABLE OF CONTENTS	ii
1.0 - INSPECTION INFORMATION	1-1 to 1-3
2.0 - INSERVICE EXAMINATION SUMMARY	2-1 to 2-4
3.0 - INSERVICE COMPONENT DETAILED EXAMINATION TABLES	3-1 to 3-77
4.0 - NIS-1 FORM FOR PERIOD 2 (OWNER'S REPORT FOR INSERVICE INSPECTION)	4.0-1 to 4.0-51
4.1 - NIS-1 FORM FOR PERIOD 1 (OWNER'S REPORT FOR INSERVICE INSPECTION)	4.1-1 to 4.1-17
5.0 - REPORT OF CONTAINMENT DEGRADATION (IWE/IWL)	5-1 to 5-9
6.0 - NIS-2 FORMS, Cover page plus 64 pages of Attachments (OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS)	6-1 to END

#### **1.0 INSPECTION INFORMATION**

#### 1.1 Summary

Second Interval Inservice Inspections (ISI) of ASME Class 1, 2, and 3 components were conducted at Braidwood Station Unit 1 from April 5, 2000 through October 12, 2001. With a majority of these inspections being performed during the Braidwood Station Unit 1 ninth refueling outage (A1R09). This outage is reflected in the Braidwood ISI schedule by the code 221 (Interval 2, Period 2, Outage 1). The Unit 1, Period 1 ISI Program was scheduled to end on July 28, 2001 but was extended to include the Unit 1 ninth refueling outage (A1R09) in Fall 2001 as allowed by IWB-2412(b). Several pressure test examinations performed during the time period of this summary report were credited for Period 1. These components are identified in this report. This summary report will address inspection results of Class 1 and 2 components and piping, as required by the ASME Code, IWA-6000 as well as ASME Section XI Class IWE and IWL reports required by 10 CFR 50.55a.

The examinations were performed in compliance with the rules and regulations of Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plant Components", of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1989 Edition, No Addenda, pursuant to the requirements of Title 10, Part 50.55a of the Code of Federal Regulations (10CFR50.55a).

On October 16, 2000, Braidwood Station submitted relief request I2R-39 to the U. S. Nuclear Regulatory Commission (NRC) for review and approval. This relief request proposed an alternative to the 1989 edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," requirements for the selection and examination of Class 1 and 2 piping welds. The alternative proposed by Braidwood Station utilizes an Electric Power Research Institute (EPRI Topical Report TR-112657) and an ASME Code Case N-578-1 methodology for a Risk Informed Inservice Inspection (RISI) program.

In order to effectively incorporate the RISI examinations and the balance of the ASME Section XI examinations into the second inspection period, Braidwood has substituted the RISI program for the 1989 ASME Section XI Code Edition examination program for Class 1 Category B-J and B-F welds and Class 2 Category C-F-1 and C-F-2 welds during A2R08. Other portions of the ASME Section XI Code outside of this scope were unaffected. The use of the RISI alternative was incorporated into the Braidwood inspection program prior to NRC approval; however, since Braidwood has 2 additional outages remaining in the second period, sufficient time remains to achieve the ASME code required percentages of piping welds if required.

The Containment Inspection Program was developed and implemented in accordance with the requirements and intent of Subsections IWE and IWL of ASME Section XI, 1992 Edition through the 1992 Addenda, pursuant to the requirements of Title 10, Part 50.55a of the Code of Federal Regulations (10CFR50.55a).

There were no Steam Generator Eddy Current examinations performed during A1R09. The allowance to skip examinations this outage was provided in Braidwood Station License Amendment 117.

In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission augmented ISI inspections were required during A1R09. The Braidwood Unit 1 Augmented ISI examination requirements include:

- a) Class 1 pressure boundary for leakage at nominal operating pressure, in accordance with NRC Bulletin 88-05.
- b) Class 2 and 3 pressure boundary for leakage at nominal operating pressure, in accordance with NUREG 0737.
- c) Examination of the Reactor Coolant Pump Flywheels in accordance with the requirements of Braidwood Station License Amendment 118 as an alternative to NRC Regulatory Guide 1.14, "Reactor Coolant Pump Flywheel Integrity".
- d) Augmented VT-2 examinations to satisfy NRC commitments contained in Relief Request I2R-07, "Limited Volumetric Examination Of Residual Heat Removal Heat Exchanger Nozzle-to-Shell Welds and Inner Radii."
- e) Augmented volumetric examinations of Class 2 ECCS, RHR, and CHR (Containment Spray, Chemical and Volume Control, Residual Heat Removal, and Safety Injection) system piping.

#### 1.2 Identification of Examination Requirements

The Second Interval ISI Program contains the Component Selection Tables. These tables are presented in a tabular format consistent with the Tables found in subsections IWB, IWC, IWD, IWE, IWF, and IWL-2500 of the ASME code. The NDE tables include the corresponding code category, item number, and component/weld population selection in conformance with examination requirements and intent of Subsection IWA, IWB, IWC, IWD, IWE, IWF, and IWL of Section XI of the ASME Code. Program notes and relief requests and additional information are identified in the basis column.

#### 1.3 Exempted Components

ASME Class 1, 2, and 3 components (or parts of components) that are not included in the Component inspection tables and that are exempt from examination, as specified in Section XI Subsection IWB, IWC, IWD, and IWF are identified in the Braidwood Station Boundary Basis document, along with reference to the justification(s) for exempting the component/system.

#### 1.4 ISI Program Implementation

Braidwood Station, or their designee, visually examined (VT-1, VT-2, VT-3/4, VT-1C, and VT-3C) and/or NDE examined (UT, PT, MT) ASME components. The components examined comply with the ISI Program Schedule, Braidwood Technical Specifications, and/or compliance with the ASME Section XI Repair/Replacement Program. All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Subarticle IWA-2200: "Examination Methods".

Certified personnel performed and evaluated all NDE. Personnel were certified to the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition. The NDE procedures were developed and certified in conformance with ASME Section V and

Braidwood Station Unit 1 A1R09 ISI Outage Report

XI, 1989 Edition, as applicable. In addition, ultrasonic examination personnel were qualified to ANSI/ASNT CP-189, 1995.

Certified personnel performed and evaluated visual examinations (VT-1, VT-2, and VT-3/4) of class 1, 2, and 3 components and supports. Personnel were certified to the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition and/or ASME Section XI 1989, as applicable.

Certified personnel performed and evaluated visual examinations (VT-1, VT-3/4, VT-1C and VT-3C) of Containment Structures. Personnel were certified to the requirements of the ANSI/ANST CP-189, 1991 revision, and/or ASME Section XI 1992 through 1992 Addenda, as applicable.

#### 1.5 Witness and Verification of Examination

.

.

The inservice inspections were witnessed and/or verified by the Authorized Nuclear Inservice Inspectors (ANII), L. Malabanan and R. White. The inspectors are associated with Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut, Chicago Branch, at 2443 Warrenville Rd., Suite 500, Lisle, Illinois 60532.

· · ·

### 2.0 INSERVICE EXAMINATION SUMMARY

The following is a summary of ASME Section XI, RISI, and augmented examinations performed during the Braidwood Unit 1 Ninth refueling outage (A1R09). Refer to the component detailed examination tabulations of Section 3.0 for additional information on specific welds, components, supports, snubbers and pressure test examinations and their respective results.

#### 2.1 Inservice Weld/Component Summary

SYSTEM EXAMINED	Number of Welds or Components	COMMENTS
Chemical & Volume Control (CV)	14	
Component Cooling (CC)	2	Class 3 exams
Containment Spray (CS)	3	1 of 3 exams not credited
Feedwater (FW)	4	
Diesel Generator (DG)	1	Class 3
Reactor Coolant (RC)	85	2 exams not credited.
Reactor Coolant (RY)	4	
Reactor Coolant Pump (RCP)	1	
Residual Heat Removal (RH)	3	Two exams Per Relief Request I2R-07 were for Period 1 credit. Also listed is 1 Class 3 exam
Steam Generator (SG)	1	•
Safety Injection (SI)	28	
TOTALS	146	143 Credited Exams

ASME CODE CATEGORY	Number of Welds or Components	COMMENTS
B-B	1	
B-G-1	1	
B-G-2	5	
B-K	1	Pressurizer skirt weld
B-N-1	1	
C-A	2	
C-B	2	Per Relief Request I2R-07
D-A	4	
R-A (Socket Welds)	98	Pending approval of Relief Request I2R-39
R-A (Butt Welds)	24	Pending approval of Relief Request I2R-39
N/A	7	6 ECCS exams and 1 exam of a Reactor Coolant Pump Flywheel
TOTALS	146	

SYSTEM EXAMINED	Number of Component Supports	COMMENTS
Containment Spray (CS)	9	
Chemical & Volume Control (CV)	24	
Feedwater (FW)	3	
Main Steam (MS)	1	
Reactor Coolant (RC)	7	
Residual Heat Removal	5	
TOTALS	49	

### 2.2 Inservice Component Support Summary

### 2.3 Inservice Snubber Summary

SYSTEM EXAMINED	Number of Snubbers VT-3/4	Number of Snubbers Functionally Tested	COMMENTS
Auxiliary Feedwater	1	0	
Containment Spray	4	1	
Chemical & Volume Control	38	13	
Feedwater	4	1	
Main Steam	20	0	
Reactor Coolant	61	10	
Residual Heat Removal	25	2	
Reactor Coolant (RY)	27	5	
Steam Generator Blowdown	8	3	
Safety Injection	82	6	
TOTALS	270	40	

#### 2.4 Inservice Pressure Test Summary

#### 2.4.1 Pressure Test Test-Block Inspection Summary

Summary of components contained in this Table are those Pressure Test Test-Blocks which were examined for Section XI Inservice Inspection credit. The majority of these test blocks were credited for Period 1.

System	Class	Number of Test Blocks
Component Cooling (CC)	2	1
Containment Spray (CS)	2	3
Chemical & Volume Control (CV)	2	2
Fire Protection (FP)	2	1
Instrument Air Supply System (IA)	2	2
Nitrogen System (NT)	2	1
Off Gas System (OG)	2	1
Process Radiation Monitors (PR)	2	2
Process Sampling System (PS)	2	5
Reactor Equipment Drains (RE)	2	3
Reactor Floor Drains (RF)	.2	1
Residual Heat Removal (RH)	2	4
Essential Service Water (SX)	. 2	4
Primary Containment Purge (VQ)	2	6
Make-Up Demineralizers	2	1
Plant Systems Pressurized During Mode 3 (ZZ)	1	2 (1 block credited for Period 2)
TOTALS		39

#### 2.4.2 Borated Bolting Inservice Inspection Summary

Summary of components contained in this Table are those Insulated Borated Bolted connections which were examined for Section XI Inservice Inspection credit. Inspections on these connections are performed per the commitments in Relief Request I2R-12, I2R-13, and I2R-30, as applicable, of the ISI Program Plan.

SYSTEM EXAMINED	Number of Connections VT-2	Number of Connections VT-1	COMMENTS
Chemical & Volume Control	37	7	
Pressurizer	1	0	
Reactor Coolant	16	4	
Residual Heat Removal	7	2	
Reactor Coolant (RY)	4	3	
Safety Injection	2	1	
TOTALS	67	17	

### 2.5 Steam Generator Eddy Current Testing Summary

There were no Steam Generator Eddy Current examinations performed during A1R09. The allowance to skip examinations this outage was provided in Braidwood Station License Amendment 117.

#### 3.0 COMPONENT DETAILED EXAMINATION TABLES

#### 3.1 Detailed Inservice Weld/Component Table(s):

The table (Pages 3-4 to 3-19) for this section lists the examinations performed for Section XI Inservice Inspection requirements for welds and components. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item Inspection C	ISI Identifier Description omments	Line Number/EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
(A)	(B) (K)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(J)								

#### 3.2 Detailed Inservice Component Support Table:

The table (Pages 3-20 to 3-27) for this section lists the examinations performed for Section XI Inservice Inspection requirements for component supports. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item Inspection C	ISI Identifier Description omments	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

#### 3.3 Detailed Inservice Snubber Table:

The table (Pages 3-28 to 3-38) for this section lists the examinations performed for Section XI Inservice Inspection requirements for snubbers. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item Inspection C	ISI Identifier Description omments	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

#### 3.4 Detailed Inservice Pressure Test Table(s):

#### 3.4.1 System Pressure Tests

The table (Page 3-39 to 3-59) for this section lists the examinations performed for Section XI Inservice Inspection requirements for pressure testing. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

#### 3.4.2 Borated Bolted Connection Inspections

The table (Pages 3-60 to 3-71) for this section lists the examinations performed for Inservice Inspection pressure testing requirements of borated bolted connections. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
(A)	(B)	(D)	(E)	(G)	(I)
	(K)				
(J)		•			

#### 3.5 General Inservice Report Information

#### 3.5.1 Report Column Descriptions

- (A) This column contains the Section XI Category and Item identifiers for the specified component. There are special cases, like snubbers, where an "S" has been added to the end of the Section XI Item identifier. This was done to allow easy sorting of the snubber population by the ISI database.
- (B) This column contains the ISI Identifier that the ISI Program uses to distinguish components.
- (C) This column contains the line number or equipment piece number (EPN) that the component is associated with.
- (D) This column identifies the ISI Program Plan relief request(s) that is associated with that component. A complete copy of the relief request can be found in the ISI Program Plan.
- (E) This column identifies the ISI Program Plan note(s) that is associated with that component. A complete copy of the Program note can be found in the ISI Program Plan.
- (F) This column identifies the percentage of code coverage achieved for the associated exam for that component.

Braidwood Station Unit 1 A1R09 ISI Outage Report

- (G) This column summarizes the exams performed during this outage for the associated component.
- (H) This column identifies actual exams performed during this outage for the associated component.
- (I) This column summarizes the results for exams performed during this outage for the associated component.
- (J) This row states inspection comments, when applicable, for the associated component.
- (K) This column specifies the description of the associated component.

#### 3.5.2 Report Abbreviations

FUNCT.	-	Snubber Functional Test
GEOM.	-	Geometry
GE/IND	-	Geometry/Indication
IND.	-	Indication
NRI	-	No Recordable Indications
MT	-	Magnetic Particle Inspection
РТ	-	Liquid Penetrant Inspection
SUR	-	Surface Exam
TBD	-	To Be Developed
UT	-	Ultrasonic Inspection
VOL	-	Volumetric Exam
VOL-E	-	Volumetric Exam of an Extended Volume
VT	-	Visual Inspection

(Page 1 of 14)

SYSTEM: Containment Spray System (CS)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Cor	nments							
R-A	R01.20	1CS-03-34 ELBOW - ELBOW	1CS01AA-16"		NOTE 4 NOTE 7	100%	VOL-E PT	VOL-E PT	NRI NRI
Weld	required	new surface exam after	weld crown reduction.						
R-A	R01.20	1CS-03-39 FI BOW - TEE	1CS01AA-16"		NOTE 4 NOTE 7	58%	VOL-E PT	VOL-E PT	NRI NRI
Welc ISI v made	l required olume. Be e.	new surface exam after cause less than 90% co	weld crown reduction. Volume overage this weld will not be cr	etric exam cov redited in the IS	ered only 62 SI Program.	2.5% of Section An alternate	on XI volume selection will	and 58% need to	o of RI- be
R-A	R01.20	1CS-04-31B PIPE - PIPE	1CS01AB-16"		NOTE 4 NOTE 7	100%	VOL-E PT	VOL PT	NRI NRI
1CS Weld	-04-31B is d required	being substituted for 10 new surface exam after	CS-04-39 which has a support weld crown reduction.	interference.					

(Page 2 of 14)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ection Con	nments		<b>F</b>	······				
R-A	R01.11	1CV-05-03 PIPE - ELBOW	1CVA3B-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-05-04 ELBOW - PIPE	1CVA3B-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-05-05 PIPE - ELBOW	1CVA3B-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-05-06 ELBOW - PIPE	1CVA3B-2"		NOTE 4	ii	VT-2	VT-2	NRI
R-A	R01.11	1CV-05-13 PIPE - ELBOW	1CVA3B-2"	-	NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-05-14.01 ELBOW - PIPE	1CVA3B-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-11-06 PIPE - ELBOW	1CVA6AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-11-07 ELBOW - PIPE	1CVA6AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-15 PIPE - ELBOW	1CVA3AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-16 ELBOW - PIPE	1CVA3AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-17 PIPE - ELBOW	1CVA3AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-18 ELBOW - PIPE	1CVA3AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-11 PIPE - ELBOW	1CVA7AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-12 ELBOW - PIPE	1CVA7AA-2"		NOTE 4		VT-2	VT-2	NRI

#### SYSTEM: Chemical & Volume Control System (CV)

(Page 3 of 14)

Sect Cat.	tion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ection Cor	nments							
R-A	R01.11	1FW-02-37 PIPE - ELBOW	1FW03DA-16"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI
R-A	R01.11	1FW-02-38 ELBOW - SAFE END	1FW03DA-16"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI

### SYSTEM: Feedwater System (FW)

(Page 4 of 14)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Code	Exam	Actual	Results
Cat.	ltem	Description		Request	Notes	Coverage	Summary	Exam	
Inspe	ction Com	iments							
R-A	R01.20	1RC-01-04	1RC01AA-29" 31" ELBOW		NOTE 4	92%	VOL-E	VOL-E	NRI
NOT	E: Exam de	eferred from A1R08 to A1R0	9 because of Elev. 390' SG	Eddy Curre	ent work. Exp	pect area to l	oe available	A1R09.	
R-A	R01.20	1RC-01-10	1RC02AA-31"		NOTE 4	100%	VOL-E	VOL-E	NRI
		ELBOW - PIPE						4000	
NOT	E: Exam d	eferred from A1R08 to A1R0	9 because of Elev. 390' SG	Eddy Curre	ent work. Ex	pect area to I	be available	A IRU9.	
R-A	R01.20	1RC-01-19A BRANCH CONNECTION	THERMOWELL		NOTE 4		VT-2	V1-2	
B-G-1	B06.210	1RC-01-1RC8001A (BLT)	1RC01AA-29"		NOTE 2	100%	VOL	VOL	NRI
	B06.220	1RC8001A VALVE BOLTI	NG (24 TL)				VT-1	VT-1	NRI
	B06.230				· · -	100%	VOL	VOL	NRI
NOT	E: Exam d	eferred from A1R08 to A1R0	09 because of Elev. 390' SC	Eddy Curre	ent work. Ex	pect area to	De available	AIR09.	
R-A	R01.20	1RC-02-04A BRANCH CONNECTION	THERMOWELL - THERMOWELL		NOTE 4		VT-2	VT-2	NRI
R-A	R01.20	1RC-02-09	1RC29AB-10"		NOTE 4		VOL-E	VOL-E	N/A
Exa	ms were De	10" BRANCH NOZZLE - 2 erformed in A1R09 (2-2-1), ho	owever, the calibrations and	data were r	not acceptab	le to the Lev	el III therefor	the exan	n was
not	credited. Th	e exam is being moved to 2	2-3-2 (A1R13) to be perform	ed if require	d by the sel	etion docume	ent weld cour	nts. See	
data	sheet 01B	N1-UT-036 filed with A1R09	report for more information						
R-A	R01.20	1RC-02-19B 29"X31" ELBOW - SAFE I	1RC01AB-29" END		NOTE 4	100%	VOL-E	VOL-E	NRI
R-A	R01.20	1RC-02-23B	1RC02AB-31"		NOTE 4	100%	VOL-E	VOL-E	NRI
		SAFE END - ELBOW							
R-A	R01.20	1RC-03-21A	THERMOWELL		NOTE 4		VT-2	VT-2	NRI
		BRANCH CONNECTION	- THERMOWELL						
R-A	R01.20	1RC-06-01	1RC21AA-8"		NOTE 4	89%	VOL-E	VOL-E	NRI
		VALVE 1RC8002A NOZZ	LE - ELBOW	man for the	ovtondod P		Weld will n	ot he cred	ited but
NO1 will I	FE: Covera require a re	ge was >90% for the Sectio ilief request.	n XI volume but 89.9% cove	erage for the	extended in				
R-A	R01.20	1RC-06-02	1RC21AA-8"		NOTE 4	100%	VOL-E	VOL-E	NRI
	101120	ELBOW - ELBOW							
NOT	re: Exam c	leferred from A1R08 to A1R	09 because of Elev. 390' So	G Eddy Curr	rent work. Ex	cpect area to	be available	A1R09.	
R-A	R01.20	1RC-06-03 FLBOW - PIPE	1RC21AA-8"		NOTE 4	100%	VOL-E	VOL-E	NRI
NO	TE: Exam o	leferred from A1R08 to A1R	09 because of Elev. 390' So	G Eddy Curr	rent work. Ex	xpect area to	be available	A1R09.	
	2 B07.70	1RC-06-1RC8003A (BLT)	1RC21AA-8"		NOTE 3		VT-1	VT-1	NRI
0.0	2 001.10	1RC8003A ANGLE GLOE	SE(12 BOLTS)						
NO	TE: Exam o	leferred from A1R08 to A1R	09 because of Elev. 390' S	G Eddy Cun	rent work. E	xpect area to	be available	A1R09.	<u></u>
R-A	R01.20	1RC-11-01	1RC04AB-12" FLBOW		NOTE 4	100%	VOL-E	VOL-E	NRI
			1000400 40"			100%	VOI -F	VOL-F	NRI
R-A	R01.20	1RC-11-02 ELBOW - PIPE				.0078			

\_\_\_\_\_ 1

# Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 5 of 14)

Sect Cat.	tion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ection Con	nments			A				
R-A	R01.11	1RC-29-01-03 PIPE - BRANCH CONNEC	1RC16AC-2" TION		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-01-04 PIPE - BRANCH CONNEC	1RC16AD-2" TION		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-02-03 ELBOW - PIPE	1RC16AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-02-04 ELBOW - PIPE	1RC16AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-03-03 PIPE - ELBOW	1RC16AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-03-04 PIPE - ELBOW	1RC16AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-04-03 ELBOW - PIPE	1RC16AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-04-04 ELBOW - PIPE	1RC16AD-2"		NOTE 4	•	VT-2	VT-2	NRI .
R-A	R01.11	1RC-29-05-03 PIPE - ELBOW	1RC16AC-2"	*.	NOTE 4		VT-2	VT-2	. NRI
R-A	R01.11	1RC-29-05-04 PIPE - ELBOW	1RC16AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-06-03 VALVE 1RC8038C - PIPE	1RC16AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-29-06-04 VALVE 1RC8038D - PIPE	1RC16AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-01 BRANCH CONNECTION -	1RC14AB-2" PIPE		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-02 PIPE - VALVE 1RC8039B	1RC14AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-03 VALVE 1RC8039B - PIPE	1RC14AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-04 PIPE - TEE	1RC14AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-05 TEE - 2"X.75" REDUCER	1RC14AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-06 TEE - PIPE	1RC14AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-31-07 PIPE - VALVE 1RC8037B	1RC14AB-2"		NOTE 4	<u></u>	VT-2	VT-2	NRI
R-A	R01.20	1RC-31-08 BRANCH CONNECTION -	1RC26A-2" PIPE		NOTE 4		VT-2	VT-2	NRI

(Page 6 of 14)

<b>0</b> 1		ISI Identifier	Line Number / EDN	Relief	Program	Code	Exam	Actual	Results
Sect	Item	Description		Request	Notes	Coverage	Summary	Exam	
Insne	ction Corr				Я				
		400.00.04	1001444 07			. <u> </u>	VT-2	VT-2	NRI
R-A	R01.11	BRANCH CONNECTION -	PIPE				VI-Z		
R-A	R01.11	1RC-36-02 PIPE - ELBOW	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-03 ELBOW - PIPE	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-04 PIPE - VALVE 1RC8039A	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-05 VALVE 1RC8039A - PIPE	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-06 PIPE - TEE	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-07 TEE - 2"X.75" REDUCER	1RC14AA-2"		NOTE 4	•	VT-2	VT-2	NRI
R-A	R01.11	1RC-36-08 TEE - PIPE	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-09 PIPE - VALVE 1RC8037A	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-20 PIPE - TEE	1RC14AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-36-22 TEE - 2"X1" REDUCER	1RC86AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-01 BRANCH - PIPE	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-02 PIPE - ELBOW	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-03 ELBOW - PIPE	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-04 PIPE - VALVE 1RC8039D	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-05 VALVE 1RC8039D - PIPE	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-06 PIPE - TEE	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-07 TEE - 2"X.75" REDUCER	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-08 TEE - PIPE	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-37-09 PIPE - VALVE 1RC8037E	1RC14AD-2"		NOTE 4		VT-2	VT-2	NRI

### Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 7 of 14)

SYSTEM: Reactor Coolant System (RC)

.

Section Cat.	on XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspec	tion Con	nments		J					
R-A	R01.11	1RC-41-01AA PIPE - BRANCH CONNEC	1RC16AA-2" TION		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-01AB PIPE - BRANCH CONNEC	1RC16AB-2" TION		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-02AA ELBOW - PIPE	1RC16AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-02AB ELBOW - PIPE	1RC16AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-03AA PIPE - ELBOW	1RC16AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-03AB PIPE - ELBOW	1RC16AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-04AA ELBOW - PIPE	1RC16AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-04AB VALVE 1RC8038B - PIPE	1RC16AB-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-05AA PIPE - ELBOW	1RC16AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-41-06AA VALVE 1RC8038A - PIPE	1RC16AA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-01 BRANCH CONNECTION -	1RC14AC-2" PIPE		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-02 PIPE - ELBOW	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-03 ELBOW - PIPE	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-04 PIPE - VALVE 1RC8039C	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-05 VALVE 1RC8039C - PIPE	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-06 PIPE - TEE	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-07 TEE - 2"X3/4" REDUCER	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-08 TEE - PIPE	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1RC-42-09 PIPE - VALVE 1RC8037C	1RC14AC-2"		NOTE 4		VT-2	VT-2	NRI
B-N-1	B13.10	1RV-01-RX INTERIOR ACCESSIBLE INTERIOR	1RC01R SURFACES				VT-3/4 VT-3/4	VT-3/4 VT-3/4	NRI NRI

(Page 8 of 14)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Corr	iments							
B-G-2	B07.10	1RV-03-CETNA 5 INCORE THERMOCOUR	1RC01R PLES				VT-1	VT-1	NRI
Exar clam Ther	nine the lin p assembly mocouple)	k bolt and nut on the articula y is not removed during refu	ted clamp assembly for the al and will be examined in p	new Core E lace. There	xit Thermoo are five CE1	Couple Nozzle	e Assembly ( s per Unit (or	CETNA). ne per	This
R-A	R01.20	1SI-02-47 ELBOW - PIPE	1RC04AA-12"		NOTE 4	100%	VOL-E	VOL-E	NRI
R-A	R01.20	1SI-02-48 12" BRANCH CONNECTIO	1RC04AA-12" DN - PIPE		NOTE 4	100%	VOL-E	VOL-E	NRI
R-A	R01.11	1SI-16-23 PIPE - 3"X1½" REDUCER	1RC30AD-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-17-01 PIPE - 3"X1½" REDUCER	1RC30AB-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-17-02 VALVE 1SI8900B - PIPE	1RC30AB-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-31-02 VALVE 1SI8900A - PIPE	1RC30AA-1.5"		NOTE 4		VT-2	VT-2	NRI
			:						

(Page 9 of 14)

SYSTEM: Reactor Coolant Pump (RCP)

Sec Cat.	tion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actuai Exam	Results
insp	ection Con	nments							
NA	RG 1.14	1RCP-01-FLYWHEEL (F	PMPIBCP01D		NOTE 6		PT	PŤ	NRI
		RCP "D" PUMP FLYWH	EEL						
PT	only for in a	ccordance with Tech Spe	c change. Satisfies the 10 ye	ear inspection	requirement	t			

(Page 10 of 14)

SYSTEM: Residual Heat Removal System (RH)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Con	iments							
С-В	C02.21 C02.22	1RHX-01-1RHXN1 (A HX) NOZZLE - SHELL	1RH02AA	12R-07	NOTE 4		VT-2	VT-2	NRI
Peric	od 1 exam.	Added to 2-2-1 schedule so	that it will appear in report	for A1R09					
С-В	C02.21 C02.22	1RHX-01-1RHXN2 (A HX) NOZZLE - SHELL	1RH02AA	12R-07	NOTE 4		VT-2	VT-2	NRI
Perir	vd 1 exam.	Added to 2-2-1 schedule so	that it will appear in report	tor ATRU9					

(Page 11 of 14)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ection Cor	nments							
R-A	R01.11	1CV-02-13 VALVE 1CV8377 - PIPE	1RY18A-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-02-16 PIPE - ELBOW	1RY18A-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1CV-02-17 ELBOW - PIPE	1RY18A-2"		NOTE 4		VT-2	VT-2	NRI
B-K	B10.10	1PZR-01-07 PRESSURIZER SUPPOR	1RY01S RT SKIRT ATT.	12R-15	NOTE 4		SUR	MT	NRI

(Page 12 of 14)

### SYSTEM: Steam Generator (SG)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Com	iments	· · · · · · · · · · · · · · · · · · ·	••••••	······································	·			
R-A	R01.20	1RC-01-09A PRIMARY NOZZLE - SAFE	1RC01BA E END		NOTE 4	97%	VOL-E	VOL-E	NRI
NOT	E: Exam de	eferred from A1R08 to A1R0	9 because of Elev. 390' SG	Eddy Curre	ent work. Exp	bect area to t	be available i	AIRUS.	
R-A	R01.20	1RC-02-19A	1RC01BB		NOTE 4	97%	VOL-E	VOL-E	NRI
		SAFE END - PRIMARY NO	OZZLE						
Weld	l included i	n A1R09 scope because the	R09 scope because the scan of the 19B weld covers this weld also.						
R-A	R01.20	1RC-02-23A PRIMARY NOZZLE - SAFI	1RC01BB E END		NOTE 4	97%	VOL-E	VOL-E	NRI
B-B	B02.40	1SG-05-SGC-01 PRIMARY HEAD - TUBES	1RC01BA HEET		NOTE 4	100%	VOL	VOL	NRI
C-A	C01.30	1SG-05-SGC-02 TUBE SHEET - LOWER S	1RC01BA ECONDARY SHELL		NOTE 4	99%	VOL	VOL	NRI
Reso	cheduled fo	r A1R09 in place of 1SG-05	-SGC-06 which requires ext	ensive scaf	tolaing.				
C-A	C01.20	1SG-05-SGC-08 STEAM DRUM UPPER SH	1RC01BA HELL - STEAM DRUM HEA	D	NOTE 4	100%	VOL	VOL	NRI
R-A	R01.11	1SG-05-SGSE-03 SAFE END - FW NOZZLE	1FW03DA-16"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI

(Page 13 of 14)

SYSTEM: Safety Injection System (SI)

Sectio	on XI	ISI Identifier	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summarv	Actual Exam	Results
Cat.	item	Description		nequest			<b>,</b>	L	
Inspec	tion Com	aments							
R-A	R01.11	1SI-10-25 PIPE - ELBOW	1SI18FC-2*		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-10-26.01 ELBOW - PIPE	1SI18FC-2"		NOTE 4		VT-2	VT-2	NRI
B-G-2	B07.50	1SI-17-B1 FLANGED CONNECTION	1SI08JB-1.5" (4 STUDS)				VT-1	VT-1	NRI
R-A	R01.11	1SI-18-23 VALVE 1SI8810B - PIPE	1SI08JB-1.5"		NOTE 4		VT-2	VT-2	NRI
1SI-1	8-23 subs	tituted for 1SI-17-17 in the R	I-ISI program.						
R-A	R01.11	1SI-18-24 PIPE - ELBOW	1SI08JB-1.5"		NOTE 4		VT-2	VT-2	NRI
1SI-1	8-24 subs	tituted for 1SI-17-18 in the F	RI-ISI program.					<u></u>	
R-A	R01.11	1SI-18-25 ELBOW - PIPE	1SI08JB-1.5"		NUTE 4		v I-2	V I -2	
151-1	0-20 SUDS		1SI08 IB-1 5"		NOTE 4		VT-2	VT-2	NRI
2 K-A	RU1.11	PIPE - ELBOW	R-ISI program					-	· .
151-1	0-20 SUDS		1SI08GA-1.5"		NOTE 4		VT-2	VT-2	NRI
к-А	KU1.11	BRANCH CONNECTION	- PIPE						
R-A	R01.11	1SI-19-06 COUPLING - PIPE	1SI08HA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-07 PIPE - FLANGE	1SI08HA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-08 FLANGE - PIPE	1SI08HA-2"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-14 PIPE - ELBOW	1SI08JA-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-15 ELBOW - PIPE	1SI08JA-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-16 PIPE - VALVE 1SI8810A	1SI08JA-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-17 VALVE 1SI8810A - PIPE	1SI08JA-1.5"		NOTE 4		VT-2	VT-2	NRI
R-A	R01.11	1SI-19-18 PIPE - FLANGE	1SI08JA-1.5"	******	NOTE 4		VT-2	VT-2	NRI
B-G-2	2 B07.50	1SI-19-B1 FLANGED CONNECTION	1SI08HA-2" N (8 STUDS)				VT-1	VT-1	NRI
B-G-2	2 B07.50	1SI-19-B2 FLANGED CONNECTION	1SI08JA-1.5" N (4 STUDS)				VT-1	VT-1	NRI

(Page 14 of 14)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Con	nments			<u></u> 1				
R-A	R01.20	1SI-24-09BB ELBOW - PIPE	1SI06BB-24"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI
R-A	R01.20	1SI-24-25BA PIPE - PIPE	1SI06BA-24"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI
R-A	R01.20	1SI-24-28BA PIPE - ELBOW	1SI06BA-24"		NOTE 4 NOTE 7	100%	VOL-E	VOL-E	NRI
R-A	R01.20	1SI-35-37 PIPE - ELBOW	1SI53AA-14"		NOTE 4 NOTE 7	100%	VOL-E PT	VOL-E PT	NRI NRI
Weld	t will requir	e new surface exam after w	eld crown reduction sched	luled for A1R0	09 preoutage				
NA	ECCS	1SI-37-12 PIPE - ELBOW	1SI02BA-6"		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Weld	t required	new surface exam after wel	d crown reduction.					<u></u>	
NA	ECCS	1SI-37-21 FLANGE - ELBOW	1SI02BA-6"		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Weld	d required i	new surface exam after wel	d crown reduction.						
NA	ECCS	1SI-37-22 ELBOW - 6"X4" REDUCE	1SI02BA-6" :R		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Weld	d required	new surface exam after wel	d crown reduction.			·····			
NA	ECCS	1SI-37-24 PIPE - TEE	1SI13A-6"		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Wel	d required	new surface exam after wel	d crown reduction.						
NA	ECCS	1SI-37-25 TEE - PIPE	1SI13BB-6"		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Weld required new surface exam after weld crown reduction.									
NA	ECCS	1SI-37-36 PIPE - ELBOW	1SI13BA-6"		NOTE 10	100%	VOL PT	VOL PT	NRI NRI
Wel	d will requi	re new surface exam after v	veld crown reduction sche	duled for A1R	09 preoutage	э.	_		

SYSTEM: Safety Injection System (SI)

SYSTEM: Residual Heat Removal System (RH)

Secti Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspe	ction Con	iments							
C-B	C02.21	1RHX-01-1RHXN1 (A HX)	1RH02AA	12R-07	NOTE 4		VT-2		
	C02.22	NOZZLE - SHELL							
NOT	E: VT-2 ex	am for first period I2R-07 rel	lief request credit. Will be p	erformed in ,	41R09 (2-2-	1) for Period	1 credit.		
C-B	C02.21	1RHX-01-1RHXN2 (A HX)	1RH02AA	12R-07	NOTE 4		VT-2		
	C02.22	NOZZLE - SHELL							
NOT	E: VT-2 ex	am for first period I2R-07 rel	lief request credit.			. <u></u>			

(Page 1 of 7)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Com	iments					
F-A	F01.40	1CS01PB CS PP 1B, integrally attached to pur	1CS01PB		NOTE 8	VT-3/4	NRI
F-A	F01.20	1CS03008R (1) Strut	1CS02AA-10"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1CS03065G (2) Struts	1CS02AB-10"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1CS03067X (1) Strut	1CS02AB-10"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1CS03080R Box	1CS02AA-10"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1CS03099G Box	1CS02AA-10"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1SI06084X (1) Strut	1CS01AA-16"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1SI06096R (2) Struts	1CS01AA-16"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1SI06122A Anchor, integrally attached to pipe	1CS06AB-6"		NOTE 8	VT-3/4	NRI

#### SYSTEM: Containment Spray System (CS)

(Page 2 of 7)

### SYSTEM: Chemical & Volume Control System (CV)

Secti	on XI	ISI Identifier	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Cat.	nem -			•••••	L		
Inspe	ction Com	ments		······································			
F-A	F01.20	1CV01002G	1CV08BA-4"		NOTE 8	VT-3/4	NKI
_		Box					
Remo	ote exam,	5 away.			NOTE 8	VT-3/4	NRI
F-A	F01.20	1CV01004R	ICV08BA-4		10120		
Pom	oto ovom (	(T) Struct 5' away)					
		10\/01008X	1CV08BA-4"		NOTE 8	VT-3/4	NRI
F-A	FU1.20	Box					
ΕΛ	E01 20	1CV01009B	1CV08BA-4"		NOTE 8	VT-3/4	NRI
F-A	101.20	Box					
<b>Ε_Δ</b>	F01 20	1CV01091X	1CV08AA-4"		NOTE 8	VT-3/4	NRI
i - <b>∽</b>	101.20	(1) Strut					
F-A	F01.20	1CV01092A	1CV09A-4"		NOTE 8	VT-3/4	NRI
. ^	,	Anchor, integrally attached to pipe	·				
F-A	F01.20	1CV01112X	1CV08BA-4"		NOTE 8	VT-3/4	NRI
		(1) Strut	· · · · · · · · · · · · · · · · · · ·				
Rem	ote exam,	5' away					
F-A	F01.10	1CV02001C	1CV10DB-3"		NOTE 8	VT-3/4	NRI
		(1) Constant Spring Can					
Boro	n residue	on rod, no evidence of wastage or de	gradation.			<u></u>	NDI
F-A	F01.10	1CV02010X	1CV10DB-3"		NOTE 8	V1-5/4	INESI
		(1) Strut					
Insu	lation on c	lamp, no sign of slippage.			NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV06006X	1CVB/A-3		NOTEO	11 0/1	
Close	on incualte	(1) Strut					
	E01 10		1CVB7A-3"		NOTE 8	VT-3/4	NRI
F-A	FU1.10	(1) Constant Spring Can	10121110				
Con	stant is at	or near the topped out position. Rod	assembly is fully load bearing. Sup	port was exa	amined in the	cold position. I	Movement
is do	own from c	old to hot. acceptable.					
F-A	F01.10	1CV06031V	1CVB7A-3"		NOTE 8	VT-3/4	NKI
		(1) Variable Spring Can					
Clar	np insulate	ed, no evidence of slippage.				\/T 2/A	NDI
F-A	F01.10	1CV09029X	1CVA6AA-2"		NUTE 8	V1-3/4	TNI G
<u> </u>		(1) Strut					NRI
F-A	F01.10	1CV09060R	1CVA6AA-2"		NULE 6	v 1-3/4	DUN
		Вох				\/T_2/A	NRI
F-A	F01.10	1CV11008R	1CVA3AA-2"		NUTEO	¥ 1-0/4	1413
		Box					
Min	or surface	rust on tasteners, no wastage.	101/0500 2"		NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV15019X (4) Strut	IUVAJAA-Z				
		(1) Suur					

(Page 3 of 7)

# SYSTEM: Chemical & Volume Control System (CV)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Corr	iments					
F-A	F01.10	1CV16075R (1) Strut	1CVA3AB-2"		NOTE 8	VT-3/4	NRI
Mino	r surface r	ust on components / fasteners, no	o wastage.				
F-A	F01.10	1CV22004R (1) Strut	1CV45B-2"		NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV22011R Box	1CV45B-2"		NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV22013G Strap	1CV45B-2"		NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV22016X Box	1CV45B-2"		NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV36016V (1) Variable Spring Can	1CV14FB-2"		NOTE 8	VT-3/4	NRI
Sprii	ng can in w	orking range.					
F-A	F01.10	1RY06052G Box	1CV45B-2"		NOTE 8	VT-3/4	NRI
Insu	lation open	ned for examination of attachmen	t				
F-A	F01.10	1RY06176X Box	1CV45B-2"		NOTE 8	VT-3/4	NRI
insu	nauon remo	Neu loi examination oi pipe attac					

(Page 4 of 7)

### SYSTEM: Feedwater System (FW)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Cor	nments					
F-A	F01.20	1AF06037R (1) Rod	1FW81AA-6"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1FW02020X (1) Strut	1FW03DA-16"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1PC-076A Anchor, Flued Head	1FW03DD-16"		NOTE 8	VT-3/4 VT-3/4	NRI NRI
MSI	V Room e>	cam completed on 08/20/01. Co	ontainment exam completed on 09/0	8/2001.			

(Page 5 of 7)

SYSTEM: Main Steam System (MS)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	nments					
F-A	F01.20	1PC-078A	1MS01BA-30.25"		NOTE 8	VT-3/4	NRI
• • •		Anchor, Flued Head				VT-3/4	NRI
MSI	/ Room ex	am completed on 08/20/2001.	Containment exam completed on 0	9/08/2001.			

(Page 6 of 7)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Program Request Notes	n Exam Summary	Results
Inspe	ction Con	nments				
F-A	F01.10	1CV06014X (1) Strut	1RC36A-3"	NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV12002X (1) Strut	1RC16AA-2"	NOTE 8	VT-3/4	NRI
F-A	F01.10	1CV25053X (1) Strut	1RC14AD-2"	NOTE 8	VT-3/4	NRI
F-A	F01.10	1RC04004V (1) Variable Spring Can	1RC21AD-8"	NOTE 8	vT-3/4	NRI
Sprir	ng can in w	orking range.				
F-A	F01.10	1RY06005R (1) Strut	1RC24AB-4"	NOTE 8	VT-3/4	NRI
F-A	F01.10	1RY06102X Box	1RC24AB-4"	NOTE 8	3 VT-3/4	NRI
F-A	F01.10	1RY06155C (2) Constant Spring Cans	1RC24AA-4"	NOTE 8	3 VT-3/4	NRI

(Page 7 of 7)

### SYSTEM: Residual Heat Removal System (RH)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Con	iments					
F-A	F01.20	1RH07009R (1) Rod	1RH02AA-8"		NOTE 8	VT-3/4	NRI
Rem	ote exam,	15' away					
F-A	F01.20	1SI06026V (1) Variable Spring Can	1RH01BB-12"		NOTE 8	VT-3/4	NRI
Varia	uble setting	in tolerance.					
F-A	F01.20	1SI06063R (1) Strut	1RH01CA-16"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1SI06068X (1) Strut	1RH01CA-16"		NOTE 8	VT-3/4	NRI
F-A	F01.20	1SI06125V (1) Variable Spring Can	1RH01BB-12"		NOTE 8	VT-3/4	NRI
Rem	ote exam (	4' away), Spring can setting in to	lerance.		<u>.                                    </u>		

# Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 1 of 27)

SYSTEM: Auxiliary Feedwater System (AF)

· ·

Secti Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Co	mments					
NA	NA	1AF06004S Snubber	1AF02EA-4"	12R-14		VT-3/4	NRI
AS F	OUND S	ETTING: 1 1/16".					
(Page 2 of 27)

SYSTEM: Containment Spray System (CS)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Pi Request N	rogram Exam otes Summary	Results
Inspe	ection Co	mments				
F-A	F01.20	1CS03012S Snubber	1CS02AA-10"	I2R-14	VT-3/4	NRI
NOT	INSULAT	ED. AS FOUND SETTING	: 2 5/8".			. <u></u>
NA	NA	1CS04002S Snubber	1CS02AA-10"	12R-14	VT-3/4 Functional VT-3/4 PRESSION 003 g DRAC	NRI NRI NRI STEST.
AS F	FOUND SI	ETTING: 3 5/8". FCTL. TE I BS. COMPRESSION 30 L	BS.	ENSION .00259. 0000		
NA	NA	1CS04010S Snubber	1CS02AA-10"	I2R-14	VT-3/4	NRI
AS F	OUND S	ETTING: 2"				
NA	NA	1CS05005S Snubber	1CS02AB-10"	I2R-14	VT-3/4	NRI
ASI	OUND S	ETTING: 2 5/8".				

(Page 3 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	Item	Description		Request	Notes	Summary	l
Inspe	ction Corr	iments					
F-A	F01.20	1CV01006S	1CV08BA-4"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS F	OUND SE	TTING: 1 1/16"". FCT BS. COMPRESSION	L. TEST RESULTS: ACTIVATION TES 19 LBS.	T, TENSION .006g. Co	OMPRESSIO	N010 g. DRA	G TEST,
	ΝΔ	1CV01040S	1CV12AB-3"	I2R-14		VT-3/4	NRI
	11/2	Snubber				Functional	NRI
		Unabbei				VT-3/4	NRI
AS F	OUND SE	TTING: 1 3/8"". FCTL S. COMPRESSION 4	TEST RESULTS: ACTIVATION TEST LBS.	, TENSION009g. CO	MPRESSION	I .009 g. DRAG	G TEST,
	E01 10	10/090185	1CVA3B-2"	12R-14		VT-3/4	NRI
F-M	101.10	Snubber					
ASE	OUND SE	TTING: 1".					
F_A	F01 10	10/090308	1CVA6AA-2"	l2R-14		VT-3/4	NRI
г-ж	FU1.30	Spubber				Functional	NRI
		GIUDDEI				VT-3/4	NRI
AS F TEN	FOUND SE	TTING: 1 3/4"". FCTL BS. COMPRESSION	TEST RESULTS: ACTIVATION TEST 13 LBS.	r, TENSION .005g. CC	MPRESSION	.006g. DRAG	TEST,
F-A	F01.10	1CV09063S	1CVA6AA-2"	12R-14		VT-3/4	NRI
• • •		Snubber					
AS F	OUND SE	TTING: 1 1/2".					
NA	NA	1CV12006S	1CV43BA-2"	I2R-14		VT-3/4	NRI
		Snubber					
AST	FOUND SE	TTING: 2".					
	NIA	101/130518	1CV43BC-2"	l2R-14		VT-3/4	NRI
INA	INA	Snubber				Functional	NRI
		Olidoboli				VT-3/4	NRI
AS I TEN	FOUND SE	ETTING: 2 1/4". FCTL. LBS. COMPRESSION	TEST RESULTS: ACTIVATION TEST, 14 LBS.	TENSION .011g. CO	MPRESSION	.010g. DRAG	TEST,
NA	NA	1CV13054S	1CV43BC-2"	12R-14		VT-3/4	NRI
1.473		Snubber					
ASI		TTING: 1 3/4".					
	E04 40	10/160085	1CVA3AB-2"	I2R-14		VT-3/4	NRI
r-A	FU1.10	Soubbor					
• •							
AS		ET 11140. 2 .	401/4740.08	120-14		VT-3/4	NRI
F-A	F01.10	1CV16009S	1CVA/AB-2	1213-14		V1-0/4	
		Snubber					
AS	FOUND SE	ETTING: 2 1/8".				V T 0/4	
NA	NA	1CV24021S	1CV43BB-2"	I2R-14		VI-3/4	
		Snubber				Functiona	
						VT-3/4	NRI
AS TEN	FOUND SE	ETTING: 1 1/2". FCTL LBS, COMPRESSION	. TEST RESULTS: ACTIVATION TEST N 5.5 LBS.	, TENSION .011g. CO	MPRESSION	.011g. DRAG	TEST,

(Page 4 of 27)

Sec	tion XI	ISI Identifier	Line Number / EPN	Relief Request	Program Notes	Exam Summarv	Results
Cat.	ltem			Request			
Insp	ection Com	ments					
NA	NA	1CV24023S	1CV43BB-2"	I2R-14		VT-3/4	NRI
40			L.				
A3	NIA	10/240245	1CV4388-2"	12R-14	· · · · · · ·	VT-3/4	NRI
NA	INA	Snubber					
AS	FOUND SE	TTING: 1 1/2".					
F-A	F01.10	1CV25009S	1CVA7AA-2"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VI-3/4 DRAGITES	NIKI F
AS TEN	FOUND SE ISION 9 LB	TTING: 2". FCTL. TEST RESULTS: / S. COMPRESSION 17 LBS.	ACTIVATION TEST, TENSION .00	ioy. CUMPR	2331014.000	9. 0100 120	· ·
	F01 10	10/250528	1CVA3B-2"	12R-14		VT-3/4	NRI
• •	101110	Snubber				Functional	NRI
						VT-3/4	NRI
AS	FOUND SE	TTING: 7/8". FCTL. TEST RESULTS	: ACTIVATION TEST, TENSION .(	010g. COMP L EXAMINAT	RESSION .01 TION)	Ug. DRAG TE	51,
	NSION 2.5 L	10/070018	1CV/1544-75"	12R-14		VT-3/4	NRI
ΝA	NA	Snubber	10010/04/0			Functional	NRI
		Ghabbel				VT-3/4	NRI
AS TEI	FOUND SE NSION 2.25	TTING: 2 1/8". FCTL. TEST RESUL LBS. COMPRESSION 3 LBS.	TS: ACTIVATION TEST, TENSION	N .010g. COI	MPRESSION	.008g. DRAG	TEST,
NA	NA	1CV28002S	1CV15AB75"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 1 3/4".					
NA	NA	1CV28003S	1CV15AB75"	I2R-14		VT-3/4	NRI
		Snubber				VT-3/4	NRI
45	FOUND SE	TTING 2 3/4", FCTL, TEST RESUL	TS: ACTIVATION TEST, TENSIO	N .008g. CO	MPRESSION	.010g. DRAG	TEST,
TE	NSION 3.75	LBS. COMPRESSION 5.25 LBS.					
NA	NA	1CV28005S	1CV15AB75"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 2 1/16".				VT 2/4	
NA	NA	1CV28041S	1CV15AB75"	12R-14		V I -3/4	INFA
AS	FOUND SE	: 11ING: 2 5/16 .	401/1EAC 75"	128-14		\/T-3/4	NRI
NA	NA	1CV29005S	1CV 15AC75	1211-14		11 0.1	
45							
 NA	NA	1CV29036S	1CV15AC75"	I2R-14		VT-3/4	NRI
1974	110	Snubber					
AS	FOUND SE	TTING: 1 7/16".					
NA	NA	1CV30002S	1CV15AD75"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 1 5/8".					

(Page 5 of 27)

Section	XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat. Iter	m	Description		Request	Notes	Summary	
Incroctio	n Com	ments		<b>L</b>	B		
mspecilo				100 14		VT-3/4	NRI
NA M	NA .	1CV30004S	1CV15AD75"	12K-14		VI-0/4	141.11
AS FOUL	ND SE		10)/15DA 75"	12R-14		VT-3/4	NRI
NA r	NA	1CV31007S	10V15DA75	121 1-1-1			
		40/240112	101/1504-75"	12R-14		VT-3/4	NRI
NA I	NA	Snubber	1041004-10				
AS FOU	ND SE	TTING: 1 1/2".					
		10//310205	1CV15E75"	12R-14		VT-3/4	NRI
INA I		Snubber					
AS FOU	ND SE	TTING: 1 7/8".					
		10/340088	1CV14EA-2"	I2R-14		VT-3/4	NRI
		Snubber				Functional	NRI
		0.12200				VT-3/4	NRI
AS FOU	ND SE	TTING: 7/8". FCTL. TEST RESULT:	S: ACTIVATION TEST, TENSION .	012g. COMP	RESSION .0	12g. DRAG TE	ST,
TENSIO	N 4.25	LBS. COMPRESSION 6.75 LBS.					
NA I	NA	1CV41025S	1CV14ED-2"	I2R-14		VT-3/4	NRI
		Snubber					
AS FOU	ND SE	TTING: 2"					
NA	NA	1CV41026S	1CV14ED-2"	I2R-14		VT-3/4	
		Snubber				Functional	
			TO ACTIVITION TEST TENSIO	N 010a CO		0100 DRAG	TEST
AS FOU	ND SE	TTING: 2 7/8", FCTL, TEST RESU BS_COMPRESSION 2.5 LBS.	LTS: ACTIVATION TEST, TENSIO	N .0109. CO	WFILLOSION	.0109. 01010	
	NIA	10///10315	1CV14FD-2"	I2R-14		VT-3/4	NRI
NA	INA	Snubber					
AS FOU	IND SE	TTING: 1 5/8".					
		1CV41034S	1CV14ED-2"	12R-14		VT-3/4	NRI
INA		Snubber	·•···				
AS FOU	IND SE	TTING: 1 1/8".					
		10//410355	1CV14ED-2"	I2R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS FOU TENSIO	IND SE	TTING: 1 1/8". FCTL. TEST RESU BS. COMPRESSION 16 LBS.	LTS: ACTIVATION TEST, TENSIC	N .008g. CO	MPRESSION	.008g. DRAG	TEST,
NA	NA	1CV41036S	1CV14ED-2"	12R-14		VT-3/4	NRI
		Snubber					
AS FOU		TTING: 2 3/8".					
ΝΔ	NA	1CV63029S	1CV44AA75"	12R-14		VT-3/4	NRI
		Snubber	•				
AS FOU		ETTING: 1 3/8".					

**Exelon**. Braidwood Station Unit 1 A1R09 ISI Outage Report

### Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 6 of 27)

Secti Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Con	I nments		¶		<b></b>	
NA	NA	1CV64037S	1CV16BD75"	12R-14		VT-3/4	NRI
		Snubber				Functional VT-3/4	NRI
AS F	OUND SE SION 3 LB	TTING: 1 7/8". FCTL. TE	ST RESULTS: ACTIVATION TEST, TE 3S.	NSION .009g. COM	MPRESSION .	.008g. DRAG 1	ſEST,
NA	NA	1CV64038S Snubber	1CV16BD75"	12R-14		VT-3/4	NRI
AS F		TTING: 1 3/4".					
NA	NA	1CV99022S	1CV37B-2"	l2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 3/4".					

(Page 7 of 27)

### SYSTEM: Feedwater System (FW)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Con	nments					
NA	NA	1AF05066S	1FW06AC-4"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS F TEN	OUND SE	TTING: 1 1/8". FCTL. TEST DATA: A S., COMPRESSION 3.5 LBS.	ACTIVATION TEST: TENSION: .01	3 g. / COMP	RESSION .01	3 g, DRAG TE	ST:
NA	NA	1FW10001S	1FW87BC-3*	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 3 1/8".					
NA	NA	1FW12025S	1FW87BB-3"	12R-14		VT-3/4	NRI
		Snubber		·			
AS F	OUND SE	TTING: 1 3/8".					
NA	NA	1FW14002S	1FW87BA-3"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 2 1/4".					

(Page 8 of 27)

SYSTEM: Main Steam System (MS)

Secti	ion XI	ISI Identifier	Line Number / EPN	Relief	Program Notes	Exam Summary	Results
Cat.	Item	Description		Request	Notes	Juminary	. <u></u>
Inspe	ction Com	ments					
F-A	F01.20	1MS01074AS Souther integrally attached to pipe	1MS07AA-28"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TING: 2 1/2".					
<u>Б</u> А	E01 20	1MS01074BS	1MS07AA-28"	I2R-14		VT-3/4	NRI
1-0	101.20	Snubber, integrally attached to pipe					
AS F	OUND SE	FTING: 2 9/16".					
F-A	F01.20	1MS01079S	1MS07AA-28"	12R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 3 1/8".					
F-A	F01.20	1MS01083AS	1MS07AD-28"	I2R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 2 1/16".					
F-A	F01.20	1MS01083BS	1MS07AD-28"	12R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 2 1/16".					
F-A	F01.20	1MS01088S	1MS07AD-28"	I2R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 2 7/8".					
F-A	F01.20	1MS01092AS	1MS07AB-28"	I2R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 2 5/8".					
F-A	F01.20	1MS01092BS	1MS07AB-28"	12R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 2 5/16".		105.44		VT 2/4	NDI
F-A	F01.20	1MS01097S	1MS07AB-28"	12R-14		VI-3/4	
		Shubber, integrally attached to pipe					
<u> </u>		111NG: 2 7/8 .		100 14		VT_3/4	NRI
F-A	F01.20	1MS01101AS Souther integrally attached to pipe	IMSU/AC-20	1211-14		VI-OI-	
		TTING: 2 1/8"					
	E01 20	11450110105	1MS07AC-28"	12R-14		VT-3/4	NRI
F-A	F01.20	Snubber integrally attached to nine	111101740-20				
AS F	OUND SE	TTING: 2 1/4".					
E-A	E01 20	1MS01106S	1MS07AC-28"	12R-14		VT-3/4	NRI
1-0	101.20	Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 3".					
F-A	F01.20	1MS05007AS	1MS01AA-30.25"	12R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 3 1/2".					
F-A	F01.20	1MS05007BS	1MS01AA-30.25"	12R-14		VT-3/4	NRI
		Snubber, integrally attached to pipe					
AS F	OUND SE	TTING: 3 1/2".					

(Page 9 of 27)

SYSTEM: Main Steam System (MS)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Com	iments		L	······	······	
F-A	F01.20	1MS06007AS Snubber, integrally attached to pipe	1MS01AB-32.75"	I2R-14		VT-3/4	NRI
AS F	TOUND SE	TTING: 3 1/4".					
F-A	F01.20	1MS06007BS Snubber, integrally attached to pipe	1MS01AB-32.75"	I2R-14		VT-3/4	NRI
AS F	-OUND SE	1 TING: 3 1/4".				VT 2/4	NDI
F-A	F01.20	1MS07006AS Snubber, integrally attached to pipe	1MS01AC-32.75"	12R-14		v 1-3/4	INE
AS F	TOUND SE	TTING: 3 5/8".					
F-A	F01.20	1MS07006BS Snubber, integrally attached to pipe	1MS01AC-32.75"	I2R-14		VT-3/4	NRI
AS F	FOUND SE	TTING: 3 5/8".					
F-A	F01.20	1MS08007AS Snubber, integrally attached to pipe	1MS01AD-30.25"	12R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 3 1/4".					
F-A AS F	F01.20 FOUND SE	1MS08007BS Snubber, integrally attached to pipe TTING: 3 1/4".	1MS01AD-30.25"	12R-14		VT-3/4	NRI

(Page 10 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam Summary	Results
Cat.	Item	Description		Request	Notes	Summary	
Inspe	ection Com	iments					
F-A	F01.10	1CV02003S	1RC37A-3"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	
	OUND SE	TTING: 2 15/16", FCTL, TEST RES	ULTS: ACTIVATION TEST, TENSI	ION .005g. C	OMPRESSIO	NUU35g. DR/	AG TEST,
	E01 10	10/0906845	1RC14AC-2"	12R-14		VT-3/4	NRI
г-А	F01.10	Snubber	11014/10 2			Functional	NRI
						VT-3/4	NRI
AS F TEN	OUND SE	TTING: 1 1/4". FCTL. TEST RESUL LBS. COMPRESSION 6.5 LBS.	TS: ACTIVATION TEST, TENSIO	N .009g. CON	IPRESSION	.009 g. DRAG	TEST,
F-A	F01.10	1CV09068BS	1RC14AC-2"	I2R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS F TEN	FOUND SE	TTING: 1 1/4". FCTL. TEST RESUL S. COMPRESSION 6 LBS.	TS: ACTIVATION TEST, TENSION	N .010g. COM	IPRESSION .	011g. DRAG T	EST,
F-A	F01.10	1CV09069S	1RC14AC-2"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 2 1/2 ". INSULATION REMO	VED FOR CLAMP INSPECTION.				
F-A	F01.10	1CV11019S	1RC14AA-2"	I2R-14		VT-3/4	NRI
		Snubber					
ASF	OUND SE	TTING: 2 3/4".					
F-A	F01.10	1CV11023S	1RC14AA-2"	12R-14		V1-3/4	NKI
		Snubber					
ASF	-OUND SE	11ING: 1 7/8".		100 44		VT 214	NIDI
F-A	F01.10	1CV14001S	1RC16AD-2"	12R-14		V1-3/4	INIXI
40.0							
A3 T	FOUND 3E	101440048	1PC164D-2"	12R-14		VT-3/4	NRI
F-A	FU1.10	Soubber					
ASE	FOUND SE	TTING: 1 7/8".					
F-A	F01 10	1CV14039S	1RC16AD-2"	I2R-14		VT-3/4	NRI
1-75	101.10	Snubber					
AS I	FOUND SE	TTING: 1 7/8".					
F-A	F01.10	1CV15015S	1RC14AB-2"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS I TEN	FOUND SE ISION 11 L	TTING: 2 1/4". FCTL. TEST RESUL BS. COMPRESSION 9 LBS.	TS: ACTIVATION TEST, TENSIO	N .007g. CON	<b>MPRESSION</b>	.007g. DRAG 1	TEST,
F-A	F01.10	1CV15039AS	1RC14AB-2"	12R-14		VT-3/4	NRI
		Snubber					
ASI	FOUND SE	TTING: 2 1/2".				·····	
F-A	F01.10	1CV15039BS	1RC14AB-2"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 1 1/2".					

(Page 11 of 27)

Secti	on XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	ltem	Description		Request	Notes	Summary	
Inspe	ction Com	ments					
F-A	F01.10	1CV15111S	1RC14AB-2"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	ING: 1 1/2".		100 14		\/T_3/4	NRI
F-A	F01.10	1CV24026S	1RC16AB-2"	[ZR-14		V1-5/4	INCO
AS F	OUND SE	TTING: 2 1/2".					
F-A	F01.10	1CV24027S	1RC16AB-2"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 3 1/4".					
F-A	F01.10	1CV24039S	1RC16AB-2"	12R-14		VT-3/4	NRI
ASF	CUND SE	1 HING: 1 1/8 . 40\/250018	1001/40-2"	12R-14		VT-3/4	NRI
⊦-A	F01.10	Snubber	ING 14AD-2	1213-14		Functional	NRI
						VT-3/4	NRI
AS F	OUND SE	TTING: 1 1/8". FCTL. TEST RESUL	TS: ACTIVATION TEST, TENSION	I .006g. CON	IPRESSION .	009g. DRAG T	EST,
TEN	SION 4.25	LBS. COMPRESSION 5 LBS.				VT-3/4	NRI
F-A	F01.10	1CV25002S	1RC14AD-2"	12R-14		V I -0/4	TNI XI
AS F		TTING: 2 1/2"					
	F01 10	1CV25034S	1RC14AD-2"	l2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 3/8".		·			
F-A	F01.10	1CV25051S	1RC14AD-2"	12R-14		VT-3/4	NRI
		Snubber					
ASF		111NG: 2 1/8".	1002100 8"	12R-14		VT-3/4	NRI
⊦-A	F01.10	Snubber		1211 14			
AS F	OUND SE	TTING: 2 3/4". INSULATION FROM	ATTACHMENT REMOVED FOR	EXAMINATIO	ON.		
F-A	F01.10	1RC01007S	1RC21AA-8"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 3 1/4".					
F-A	F01.40	1RC01BA-A	S.G A	12R-14		VT-2 Eunctional	NRI
		Snubber				VT-3/4	NRI
AS F	OUND SE	TTING: 2 3/8". FCTL. TEST RESUL	TS: ACTIVATION TEST, TENSIO			ON 6.57 IPM. F	RELEASE
RAT	E TEST, T	ENSION 0.07 IPM, COMPRESSION	UU4 IPM. SEAL LEAK TEST SAT	IOD 44	I, NU LEANA		NIDI
F-A	F01.40	1RC01BA-B	S.G A	12K-14		v 1-3/4	ME
VGE		Snubber					
 	E04 40	1RC018B-A	S.G.B	I2R-14		VT-2	NRI
г-А	FU1.4V	Snubber	0.00				
AS F	OUND SE	ETTING: 2 3/4".					

(Page 12 of 27)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Corr	I			<b>R</b>	······	
F-A	F01.40	1RC01BB-B Snubber	S.G B	12R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2 7/8".			. <u>.</u>		
F-A	F01.40	1RC01BC-A Snubber	S.G C	12R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2"					NDI
F-A	F01.40	1RC01BC-B Snubber	S.G C	12R-14		V1-3/4	INIXI
AS F	OUND SE	TTING: 3 1/8".					NRI
F-A		1RC01BD-A Snubber TTING: 2 5/16"	S.G D	1217-14		VI-0/4	
	504 40		SGD	I2R-14		VT-3/4	NRI
F-A 451		Snubber TTING: 2 1/4".	3.5 5				
		100000645	1RC21AB-8"	I2R-14		VT-3/4	NRI
F-A	FU1.10	Soubher					
AS	FOUND SE	TTING: 2".					
	E01 10	1RC02006BS	1RC21AB-8"	12R-14		VT-3/4	NRI
г-ж	FV1.10	Snubber					
AS	FOUND SE	TTING: 2".					
F-A	F01.10	1RC02007S	1RC21AB-8"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 3".					
F-A	F01.10	1RC02008S	1RC21AB-8"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS	FOUND SE	TTING: 2 1/2". FCTL. TEST F	RESULTS: ACTIVATION TEST, TE	NSION .004g. CO	MPRESSION	.004g. DRAG	ESI,
		4D00200E9	1RC21AC-8"	12R-14		VT-3/4	NRI
⊦-A	F01.10	1RCU30035 Snubber	1102120-0				
24		TTING: 3 1/4".					
	E04 40	100030065	1RC21AC-8"	I2R-14		·VT-3/4	NRI
г-А	FV1.10	Snubber					
AS	FOUND SE	TTING: 2 3/4". INSULATION	REMOVED FROM ATTACHMENT	FOR EXAM.			
F-A	F01.10	1RC03007S Souther	1RC21AC-8"	I2R-14		VT-3/4	NRI
20	FOUND SE	-TTING: 4 5/8".					
	E01 10	100030085	1RC21AC-8"	I2R-14		VT-3/4	NRI
F-A	FU1.10	Snubber				Functional	NRI
						VT-3/4	NRI
AS TFI	FOUND SE	ETTING: 3 3/4". FCTL. TEST BS. COMPRESSION 60 LBS	RESULTS: ACTIVATION TEST, T	ENSION .004g. CC	MPRESSION	1.006g. DRAG	TEST,

(Page 13 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	Item	Description		Request	Notes	Summary	
Inspe	ection Corr	ments	<b>E</b>				
F-A	F01.10	1RC04005S	1RC21AD-8"	12R-14		VT-3/4	NRI
-		Snubber					
AS F	OUND SE	TTING: 2 1/2".				VT 2/4	NPI
F-A	F01.10	1RC16114S	1RC22AA-1.5"	12R-14		V 1-3/4	INEN
AS F	OUND SE	TTING: 1 1/4".					
NA	NA	1RC16115S	1RC20AA75"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 7/8".				VT 2/4	
F-A	F01.10	1RC16119S	1RC22AA-1.5"	12K-14		v 1-3/4	INEXE
AS F	OUND SE	TTING: 2 1/4". FCTL. TE	ST RESULTS: ACTIVATION TEST, TEN	ISION .009g. CON	PRESSION	.0085g. DRAG	TEST,
TEN	ISION 6.25	LBS. COMPRESSION 4.5	5 LBS.				
F-A	F01.10	1RC17052S	1RC22AB-1.5"	I2R-14		VT-3/4	NRI
		Snubber					
<u> </u>	E01 10	1RC17058S	1RC22AB-1.5"	I2R-14		VT-3/4	NRI
г-н	FV1.1V	Snubber					· .
AS I	FOUND SE	TTING: 1 7/8".					
NA	NA	1RC17069S	1RC20AB75"	I2R-14		VT-3/4	NRI
		10C19024AS	1RC22AC-1 5"	2R-14		VT-3/4	NRI
⊦-A	F01.10	Snubber	1102270-1.0				
AS	FOUND SE	TTING: 1".	······				
F-A	F01.10	1RC18034BS	1RC22AC-1.5"	I2R-14		VT-3/4	NRI
		Snubber					
AS		1PC180379	1RC08AC- 75"	12R-14		VT-3/4	NRI
NA	IN <b>A</b>	Snubber					
AS	FOUND SE	TTING: 3 1/4".					
NA	NA	1RC18045S	1RC20AC75"	I2R-14		VT-3/4	NRI
		Snubber					
	FOUND SE	100100/29	1RC22AD-1 5"	l2R-14	·	VT-3/4	NRI
<b>⊢-</b> A	F01.10	Snubber					
AS	FOUND SE	TTING: 2 3/4".					
NA	NA	1RC19049S	1RC08AD75"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	THNG: 2 7/16".	400000 4 5	2R-1/		VT-3/4	NRI
F-A	F01.10	1RC19054S Snubber	1K622AU-1.5	1212-14		v ) −0/- <del>1</del>	
AS	FOUND SE	ETTING: 1 3/8".					

(Page 14 of 27)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Com	iments			B		
NA	NA	1RC19060S Snubber	1RC20AD75"	12R-14		VT-3/4	NRI
ASF	OUND SE	TTING: 1 3/16".					
F-A	F01.10	1RY06017S Snubber	1RC24AA-4"	12R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 1 1/4".					
F-A	F01.10	1RY06057S Snubber	1RC26A-2"	I2R-14		VT-3/4	NRI
ASE	OUND SE	TTING: 1 3/8".				VT 014	NDI
F-A	F01.10	1RY06091S Snubber	1RC26A-2"	12R-14		V1-3/4	INIKI
ASI	OUND SE	TTING: 1 3/8".					
F-A	F01.10	1RY06096S Snubber	1RC24AA-4"	12R-14		VT-3/4	NRI
AS I	OUND SE	TTING: 2".					
F-A	F01.10	1RY06153S Snubber	1RC24AB-4"	12R-14		VT-3/4	NRI
AS I	FOUND SE	TTING: 1 3/4".					
F-A	F01.10	1RY06154S Snubber	1RC24AA-4"	12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 3 1/2".					
F-A	F01.10	1RY06156S	1RC24AA-4"	I2R-14		VT-3/4	NRI
		Snubber				VT-3/4	NRI
AS TEN	FOUND SE	TTING: 2 1/2". INSULATION REMO 5g. COMPRESSION .0015g. DRAG	OVED FOR EXAMINATION OF CL TEST, TENSION 25 LBS. COMPR	AMP. FCTL. RESSION 40	TEST RESUL LBS.	VT-3/4 TS: ACTIVAT	NRI ION TEST,
NA	NA FOUND SE	1RY06157S Snubber TTTING: 1 1/4".	1RC25AA75"	12R-14		VT-3/4	NRI

(Page 15 of 27)

SYSTEM: Residual Heat Removal System (RH)

Sect	tion XI	ISI Identifier		Line Number / EPN		Relief	Program	Exam	Results
Cat.	Item	Description				Request	Notes	Summary	
Inspe	ection Corr	ments							
F-A	F01.10	1RH02002S Snubber		1RH01AB-12"		I2R-14		VT-3/4 Functional VT-3/4	NRI . NRI NRI
AS F	OUND SE	TTING: 4". FCTL. LBS. COMPRESS	TEST RESULTS: /	ACTIVATION TEST, TE	NSION .00	1g. COMPRI	ESSION .002g	9. DRAG TES	ſ,
F-A	F01.10	1RH02003S Snubber		1RH01AB-12"		l2R-14		VT-3/4	NRI
A	E01 10	1RH02007S		1RH01AB-12"		12R-14		VT-3/4	NRI
F-A	F01.10	Snubber							
ASI	FOUND SE	TTING: 3 1/4".							
F-A	F01.10	1RH02008S Soubber		1RH01AB-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 3".							
F-A	F01.10	1RH02009S Snubber		1RH01AB-12"		I2R-14		VT-3/4	NRI
AS		TTING: 3 1/2".							
F-A	F01.10	1RH02012S Snubber		1RH01AB-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 2 1/2".							
F-A	F01.10	1RH02013S Snubber		1RH01AB-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 2 1/2".							
F-A	F01.10	1RH02047S Snubber		1RH01AA-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 2 7/8".							
F-A	F01.10	1RH02052S Snubber		1RH01AA-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	TTING: 4 1/4".							
F-A	F01.10	1RH02054S Snubber		1RH01AA-12"		I2R-14		V1-3/4	NRI
AS	FOUND SE	ETTING: 2 3/4". I	NSULATION REMO	VED FOR ATTACHME	INT EXAMI	NATION.			
F-A	F01.10	1RH02058S Snubber		1RH01AA-12"		12R-14		VT-3/4	NRI
AS	FOUND SE	ETTING: 2 1/8".							
F-A	F01.10	1RH02059S Snubber		1RH01AA-12"		12R-14		VT-3/4	NRI
AS	FOUND SI	ETTING: 1 1/4".							
F-A	F01.10	1RH02068S Snubber		1RH01AA-12"		I2R-14		VT-3/4	NRI
AS	FOUND SI	ETTING: 3".							

A1R09 ISI Outage Report

## Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 16 of 27)

SYSTEM: Residual Heat Removal System (RH)

Cat.         Item         Description         Request         Notes         Summary           Inspection Comments         Inspection Comments         IRH01AA-12"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 7/8".         IRH01AA-12"         I2R-14         VT-3/4         NRI           F-A         F01.10         1RH0220585         1RH01AA-12"         I2R-14         VT-3/4         NRI           Shubber         Shubber         Shubber         IRH022055         1RH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 3/4".         NA         IRH02005         1RH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         Shubber         Shubber         IRH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         IRH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AA-75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4". <td< th=""><th>Sect</th><th>ion XI</th><th>ISI Identifier</th><th>Line Number / EPN</th><th>Relief</th><th>Program</th><th>Exam</th><th>Results</th></td<>	Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Inspection Comments           F.A. F01.10         1RH02205AS         1RH01AA-12"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 7/8".	Cat.	ltem	Description		Request	Notes	Summary	
F.A.         F01.10         IRH02205AS         IRH01AA-12"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 7/8".	Inspe	ection Con	iments					
Snubber           AS FOUND SETTING: 2 7/8'.           F.A. F01.10         1RH02205BS         1RH01AA-12"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 3 1/8".	F-A	F01.10	1RH02205AS	1RH01AA-12"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 2 7/8".         VT-3/4         NRI           F.A.         F01.10         1RH022058S         1RH01AA-12"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 3 1/8".         NA         1RH02207S         1RH26AA-75"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 2 3/4".         NA         1RH02202S         1RH26AA-75"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         1RH02202S         1RH26AA-75"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         1RH26210S         1RH26AA-75"         12R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/4".         NA         NA         NRI         NRI           AS FOUND SETTING: 2 1/4".         IRH26AA-75"         12R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/4".         NRI         Snubber         NRI         NRI           AS FOUND SETTING: 2 1/4".         IRH26AB-75"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NRI         Snubber         NRI           AS FOUND SETTING: 2 1/4".         IRH26AB-75"			Snubber					
F.A.         FU1.10         1RH02205BS         1RH01AA-12"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 3 1/8".	AS F	OUND SE	TTING: 2 7/8".					
Snubber         AS FOUND SETTING: 3 1/8".           NA         NA 1RH02207S         1RH26AA.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2 3/4".         NA         NA 1RH02208S         1RH26AA.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         NA 1RH02208S         1RH26AA.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         NA         1RH262AA.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         1RH262AA.75"         I2R.14         VT.3/4         NRI           Shubber         AS FOUND SETTING: 2 1/4".         NA         NA         1RH26AA.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2".         NA         NA 1RH02213S         1RH26AB.75"         I2R.14         VT.3/4         NRI           Snubber         Snubber         Snubber         NA         1RH26AB.75"         I2R.14         VT.3/4         NRI           AS FOUND SETTING: 2 1/4".         Snubber         Snubber         NRI         Snubber         NRI           AS FOUND SETTING: 2 1/4".         Snubber         Snubber         NRI         Snubber         NRI <td>F-A</td> <td>F01.10</td> <td>1RH02205BS</td> <td>1RH01AA-12"</td> <td>I2R-14</td> <td></td> <td>VT-3/4</td> <td>NRI</td>	F-A	F01.10	1RH02205BS	1RH01AA-12"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 3 1/8".         VT-3/4         NRI           NA         NA         IRH022075         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 3/4".         NA         IRH022085         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         NA         1RH02105         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH022125         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         Snubber         Snubber         NRI         Snubber         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NRI         Snubber         NRI         NRI           AS FOUND SETTING: 2 1/4".         FA         FOLND SETTING: 2 1/4".         VT-3/4         NRI         Snubber         NRI			Snubber					
NA         NA         1RH02207S Snubber         1RH26AA.75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 3/4".         NA         1RH2208S         1RH26AA.75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02208S         1RH26AA.75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         1RH02210S         1RH26AA.75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02210S         1RH26AA.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NRI         Snubber         NRI         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02213S         1RH26AB.75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         Snubber         NA         1RH02215S         1RH26AB.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02215S         1RH26AB.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber         NRI         Snubber <t< td=""><td>AS F</td><td>OUND SE</td><td>TTING: 3 1/8".</td><td></td><td></td><td></td><td></td><td></td></t<>	AS F	OUND SE	TTING: 3 1/8".					
Snubber           AS FOUND SETTING: 2 3/4".           NA         NA 1RH02208S         1RH26AA.75"         12R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/8".         NA         NR         NRI           NA         NA         1RH02210S         1RH26AA.75"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber         NRI           NA         NA         1RH02212S         1RH26AA.75"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber         NRI           AS FOUND SETTING: 2 1/4".         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         IRH26AB75"         12R-14         VT-3/4         NRI           Snubber         Snubber         IRH26AB75"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AB75"         12R-14         VT-3/4	NA	NA	1RH02207S	1RH26AA75"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 2         3/4".           NA         NA         1RH02208S         1RH26AA.75"         12R-14         VT-3/4         NRI           AS FOUND SETTING: 2         1/8".           NRI         Snubber           AS FOUND SETTING: 2         1/8".           NRI         Snubber           AS FOUND SETTING: 2         1/8".           NRI         Snubber           AS FOUND SETTING: 2         1/4".           NRI         Snubber			Snubber					
NA         NA         1RH02208S         1RH26AA.75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/8".         NA         1RH02210S         1RH26AA.75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02210S         1RH26AA.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH26AA.75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02212S         1RH26AA.75"         I2R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB.75"         I2R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         IRH26AB.75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         IRH03AB-8"         I2R-14 <td>AS F</td> <td>OUND SE</td> <td>TTING: 2 3/4".</td> <td></td> <td></td> <td></td> <td></td> <td></td>	AS F	OUND SE	TTING: 2 3/4".					
Snubber           AS FOUND SETTING: 2 1/8".           NA         NA         IRH02210S         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber           AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber           AS FOUND SETTING: 2 1/4".         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/4".         VT-3/4         NRI           NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber         Snubber           AS FOUND SETTING: 1 1/4".         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH03AB-8"         I2R-14	NA	NA	1RH02208S	1RH26AA75"	12R-14		VT-3/4	NRI
AS FOUND SETTING: 2 1/8".         VT-3/4         NRI           NA         NA         1RH02210S         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         Snubber         IRH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         IRH		,	Snubber					
NA         NA         1RH02210S Snubber         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2         1/4".         NA         NA         NA         NA         NRI02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02212S         1RH26AA75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         1RH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         AS         Snubber         NA         1RH02217S         IRH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         AS         Snubber         IRH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         F         IRH03AB.8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB.8"         I2R-14         VT-3/4	AS F	OUND SE	TTING: 2 1/8".					
As Found Setting: 2 1/4".         VT-3/4         NRI           NA         NA         1RH02212S         1RH26AA75"         12R-14         VT-3/4         NRI           As Found Setting: 2".         NA         NA         1RH02213S         1RH26AB75"         12R-14         VT-3/4         NRI           As Found Setting: 2".         NA         NA         1RH02213S         1RH26AB75"         12R-14         VT-3/4         NRI           As Found Setting: 2".         NA         NA         1RH02215S         1RH26AB75"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02217S         1RH26AB75"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         Follog: 1 1/4".         VT-3/4         NRI         Snubber           AS FOUND SETTING: 1 3/4".         Follog: 1 18H04011S         1RH03AB-8"         12R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         12R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         Snubber         VT-3/	NA	NA	1RH02210S	1RH26AA75"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 2 1/4".         NA         IRH02212S         IRH26AA75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB75"         I2R.14         VT-3/4         NRI           NA         NA         1RH02213S         1RH26AB75"         I2R.14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02215S         1RH26AB75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02217S         1RH26AB75"         I2R.14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02217S         1RH26AB75"         I2R.14         VT-3/4         NRI           Snubber         Snubber         IRH26AB75"         I2R.14         VT-3/4         NRI           Snubber         IRH04011S         1RH03AB.8"         I2R.14         VT-3/4         NRI           Snubber         Snubber         IRH03AB.8"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 1 3/4".         F         IRH03AB.8"         I2R.14         VT-3/4         NRI           Snubber         Snubber	1		Snubber					
NA         NA         1RH02212S Snubber         1RH26AA75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02215S         1RH26AB75"         I2R.14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         1RH02217S         1RH26AB75"         I2R.14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         NA         1RH02217S         1RH26AB75"         I2R.14         VT-3/4         NRI           Snubber         Snubber         Snubber         NA         NA         1RH03AB.8"         I2R.14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB.8"         I2R.14         VT-3/4         NRI           Snubber         Snubber         Snubber         VT-3/4         NRI         Snubber         VT-3/4         NRI           AS FOUND SETTING: 1 3/4".         FUNCtional	AS F	FOUND SE	TTING: 2 1/4".					
AS FOUND SETTING: 2".         IRH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NRI         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         VT-3/4         NRI         Snubber         NRI         Snubber           AS FOUND SETTING: 2 1/4".         F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         Snubber         NRI         Snubber         NRI         Snubber         NRI           AS FOUND SETTING: 1 13/4".         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2	NΑ	NA	1RH02212S	1RH26AA75"	I2R-14		VT-3/4	NRI
AS FOUND SÉTTING: 2".         IRH02213S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         IRH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         IRH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         IRH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S </td <td></td> <td></td> <td>Snubber</td> <td></td> <td></td> <td></td> <td></td> <td></td>			Snubber					
NA         NA         1RH02213S Snubber         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2".         NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 3/4".         Functional         NRI         Snubber         Functional         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4	AS F	FOUND SE	TTING: 2".					
NA       NR INTOLICION         Snubber       AS FOUND SETTING: 2".         NA       NA       1RH02215S       1RH26AB75"       I2R-14       VT-3/4       NRI         AS FOUND SETTING: 2 1/4".       NA       1RH02217S       1RH26AB75"       I2R-14       VT-3/4       NRI         AS FOUND SETTING: 2 1/4".       NA       1RH02217S       1RH26AB75"       I2R-14       VT-3/4       NRI         AS FOUND SETTING: 2 1/4".       F-A       F01.20       1RH04011S       1RH03AB-8"       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       I2R-14       VT-3/4       NRI         AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       IRH02AB-8"       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       I2R-14       VT-3/4		NΔ	1RH02213S	1RH26AB75"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 2".         IRH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber			Snubber					
NA         NA         1RH02215S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           NA         NA         1RH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           Snubber         Snubber         1RH0217S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH08015S         1RH02AB-8"         <	ASI	FOUND SE	TTING: 2".					
NA         NA         INFIGURE 100 Snubber           AS FOUND SETTING: 2 1/4".         IRH02217S         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .0099. COMPRESSION .0109. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.         VT-3/4         NRI           F-A         F01.20         1RH08015S         1RH02AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         12R-14         VT-3/4         NRI         NRI		NIA	1RH02215S	1RH26AB75"	12R-14		VT-3/4	NRI
AS FOUND SETTING: 2 1/4".         NA       NA       1RH02217S       1RH26AB75"       12R-14       VT-3/4       NRI         Snubber       Snubber       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04011S       1RH03AB-8"       12R-14       VT-3/4       NRI         Snubber       Snubber       1       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04011S       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         AS FOUND SETTING: 1       3/4".       VT-3/4       NRI       Snubber       VT-3/4       NRI         AS FOUND SETTING: 1       11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       12R-14       VT-3/4       NRI         Snubber       Snubber       12R-14       VT-3/4       NRI	IN/A	NA	Snubber					
NA         NA         1RH02217S Snubber         1RH26AB75"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 2 1/4".         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S Snubber         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 3/4".         Snubber         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S Snubber         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.         NRI           F-A         F01.20         1RH08015S         1RH02AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH08015S         1RH02AB-8"         I2R-14         VT-3/4         NRI	ASI	FOUND SE	ETTING: 2 1/4".					
NA         NA         INNOLL IN Construction           Snubber         AS FOUND SETTING: 2 1/4".         IRH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 3/4".         F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           F-A         F01.20         1RH04012S         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST,         TENSION 13 LBS. COMPRESSION 12 LBS.           F-A         F01.20         1RH08015S         1RH02AB-8"         I2R-14         VT-3/4         NRI           Snubber         Snubber         1RH02AB-8"         I2R-14         VT-3/4         NRI		NA	1RH02217S	1RH26AB75"	I2R-14		VT-3/4	NRI
AS FOUND SETTING: 2 1/4".         F-A       F01.20       1RH04011S       1RH03AB-8"       12R-14       VT-3/4       NRI         Snubber       Snubber       I2R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         AS FOUND SETTING: 1       3/4".       VT-3/4       NRI         AS FOUND SETTING: 1       11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       IRH02AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       12R-14       VT-3/4       NRI         Snubber       IRH02AB-8"       12R-14       VT-3/4       NRI		110	Snubber					
F-A         F01.20         1RH04011S         1RH03AB-8"         I2R-14         VT-3/4         NRI           AS FOUND SETTING: 1         3/4".	AS	FOUND SE	ETTING: 2 1/4".					
AS FOUND SETTING: 1 3/4".         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         Snubber       Functional       NRI       VT-3/4       NRI         AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       IRH02AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       12R-14       VT-3/4       NRI	<u> </u>	E01 20	1RH04011S	1RH03AB-8"	12R-14		VT-3/4	NRI
AS FOUND SETTING: 1 3/4". F-A F01.20 1RH04012S 1RH03AB-8" 12R-14 VT-3/4 NRI Snubber VT-3/4 NRI AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS. F-A F01.20 1RH08015S 1RH02AB-8" 12R-14 VT-3/4 NRI Snubber	<b>F-A</b>	101.20	Snubber					
F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH04012S       1RH03AB-8"       12R-14       VT-3/4       NRI         AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       1RH02AB-8"       12R-14       VT-3/4       NRI         F-A       F01.20       1RH08015S       1RH02AB-8"       12R-14       VT-3/4       NRI         Snubber       Snubber       12R-14       VT-3/4       NRI	AS	FOUND S	=TTING: 1 3/4".					
F-A       Functional       NRI         Snubber       VT-3/4       NRI         AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS.       TENSION 13 LBS. COMPRESSION 12 LBS.         F-A       F01.20       1RH08015S       1RH02AB-8"       I2R-14       VT-3/4       NRI         Snubber       Snubber       I2R-14       VT-3/4       NRI		E01 20	1PH04012S	1RH03AB-8"	12R-14		VT-3/4	NRI
AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS. F-A F01.20 1RH08015S 1RH02AB-8" 12R-14 VT-3/4 NRI Snubber	г-А	FU1.20	Snubber				Functional	NRI
AS FOUND SETTING: 1 11/16". FCTL. TEST RESULTS: ACTIVATION TEST, TENSION .009g. COMPRESSION .010g. DRAG TEST, TENSION 13 LBS. COMPRESSION 12 LBS. F-A F01.20 1RH08015S 1RH02AB-8" 12R-14 VT-3/4 NRI Snubber			Shubber				VT-3/4	NRI
F-A F01.20 1RH08015S 1RH02AB-8" I2R-14 VT-3/4 NRI Snubber		FOUND SI	ETTING: 1 11/16". FCTL. TEST RE .BS. COMPRESSION 12 LBS.	ESULTS: ACTIVATION TEST,	TENSION .009g. C	OMPRESSIC	010g. DRA	G TEST,
Snubber		E01 20	1PH08015S	1RH02AB-8"	12R-14		VT-3/4	NRI
	г <del>-</del> А	F01.20	Spubber					
AS FOUND SETTING: 1 1/4"	٨¢		ETTING: 1 1/4"					

(Page 17 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	Item	Description		Request	Notes	Summary	L
Inspe	ection Com	ments					
NA	NA	1RC92021S	1RY34AB5"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 1/2".				VT 2/4	ND1
NA	NA	1RC93AS01S	1RY34BB5"	12K-14		V1-3/4	INIX
		Shubber TTING: 3 1/2"					
	COND 3L	10,060125	1RY01AB-4"	I2R-14		VT-3/4	NRI
F-A	FU1.10	Snubber					
AS F	OUND SE	TTING: 1 5/8".					
F-A	F01.10	1RY06022S	1RY01B-6"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 3/4". INSULAT	ION REMOVED FOR EXAMINATION C	DF GLAMP.		VT 0/4	NDI
F-A	F01.10	1RY06026S	1RY01B-6"	I2R-14		V1-3/4	INIXI
		Snubber					
AS F	OUND SE	TTING: 1 1/2".				\/T-3/4	NRI
F-A	F01.10	1RY06027S	1RY01B-6"	1213-14		Functional	NRI
		Snubber				VT-3/4	NRI
451		TTING: 2 1/2", FCTL, TE	ST RESULTS: ACTIVATION TEST, TE	NSION .006g. COM	PRESSION	.006g. DRAG T	EST,
TEN	ISION 20 L	BS. COMPRESSION 30 I	BS.				
F-A	F01.10	1RY06029S	1RY01B-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 5".					
F-A	F01.10	1RY06030S	1RY01B-6"	12R-14		V1-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 2 3/4".				\/T_3/4	NRI
F-A	F01.10	1RY06031S	1KYU1B-6"	1213-14			
AS	FOUND SE	4DV000320	1PV01B-6"	I2R-14		VT-3/4	NRI
F-A	F01.10	1RYU60335 Spubber					
24	FOUND SE	TTING: 3 1/2".					
	E01 10	1RY06034S	1RY01B-6"	I2R-14		VT-3/4	NRI
г-А	F01.10	Snubber					
AS	FOUND SE	ETTING: 2 1/2".					
F-A	F01.10	1RY06047S	1RY18A-2"	12R-14		VT-3/4	NRI
• • •		Snubber					
AS	FOUND SI	ETTING: 3 1/2".					
F-A	F01.10	1RY06059S	1RY01AA-4"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SI	ETTING: 1 1/2.					

(Page 18 of 27)

Sectio	on XI	ISI Identifier	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Cat.	liem				I		
Inspec	tion Com	iments					
NA	NA	1RY06068S	1RY09AB75"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS FC	DUND SE	TTING: 1 5/8". FCTL. TEST RESUL BS. COMPRESSION 3.5 LBS.	TS: ACTIVATION TEST, TENSION	1.014g. CON	APRESSION .	U14g. DRAG I	E31,
	E01 40	10000000	1RY01AA-4"	I2R-14		VT-3/4	NRI
F-A	F01.10	Snubber				Functional	NRI
		Ghabbai				VT-3/4	NRI
AS FO TENS	DUND SE	TTING: 2 7/16". FCTL. TEST RESU BS. COMPRESSION 50 LBS.	LTS: ACTIVATION TEST, TENSIC	N .003g. CC	MPRESSION	.003g. DRAG	TEST,
F-A	F01.10	1RY06082S	1RY01B-6"	12R-14		VT-3/4	NRI
		Snubber					
AS FC	OUND SE	TTING: 2 1/2".					
F-A	F01.10	1RY06110S	1RY01B-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS FO	OUND SE	TTING: 1/2".					
F-A	F01.10	1RY06118S	1RY01B-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS FO	OUND SE	TTING: 2".					
F-A	F01.10	1RY06121S	1RY01AA-4"	I2R-14		VT-3/4	NRI
		Snubber					
AS FO	OUND SE	TTING: 2 1/2".					
F-A	F01.10	1RY06124S	1RY18A-2"	I2R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	
AS F		TTING: 2". FCTL. TEST RESULTS:	ACTIVATION TEST, TENSION .00	J5g. COMPR	ESSION .008	g. DRAG TES	Ι,
		4DV064265	1RV01AB-4"	12R-14		VT-3/4	NRI
⊦-A	F01.10	IRTUDI205					
AS F		STUDDE					
	E01 10	182000055	1RY02B-3"	I2R-14		VT-3/4	NRI
F-A	FU1.10	Spubber	11(1020-0				
AS F	OLIND SE	TTING: 2 1/2".					
	E01 10	182000128	1RY06A-3"	I2R-14		VT-3/4	NRI
r-A	FU1.10	Snubber					
AS F		TTING: 2 1/2".					
	E01 10	10000775	1RY02B-3"	12R-14		VT-3/4	NRI
F-A	FU1.10	Spubber					
AS F		ETTING: 1 1/2".					
= ^	E01 10	1BY09078S	1RY06A-3"	12R-14		VT-3/4	NRI
F-M	101.10	Snubber					
AS F		ETTING: 1 1/2".					

(Page 19 of 27)

SYSTEM: Reactor Coolant System (RY)

.

Sect Cat.	tion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Insp	ection Con	nments					
E-A	F01 10	1RY09100S	1RY02B-3"	I2R-14		VT-3/4	NRI
• •	101.10	Snubber				Functional	NRI
		0110000				VT-3/4	NRI
AS I TEN	FOUND SE ISION 25 L	TTING: 1". FCTL. TEST RE BS. COMPRESSION 25 LB	SULTS: ACTIVATION TEST, TENSI S.	ON .004g. COMPR	ESSION .004	g. DRAG TEST	Г,
F-A	F01.10	1RY09101S	1RY06A-3"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 1 1/2".					

(Page 20 of 27)

### SYSTEM: Steam Generator Blowdown System (SD)

Sec	tion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam Summary	Results
Cat.	Item	Description		Request	Notes	Summary	
Insp	ection Con	nments					
NA	NA	1SD23089S	1SD01CG-2"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 7/8".					
NA	NA	1SD23093S	1SD01CG-2"	I2R-14		VT-3/4	NRI
		Snubber				Functional	IND.
						Functional	NRI
						VT-3/4	NRI
AS RES TEN	FOUND SE SULTS ON ISION 9 LE	TTING: 1/2". FCTL. TEST RESULT REPLACEMENT SNUBBETR SN 10 SS. COMPRESSION 9 LBS. REF. CI	S: SN 12511, FAILED TO STROM )395 ACTIVATION TEST, TENSI R 74215.	ON .012g. CO	MPRESSION	.014g. DRAG	TEST,
NA	NA	1SD23095S	1SD01CH-2"	12R-14		V1-3/4	NKI
		Snubber					
AS	FOUND SE	TTING: 1".					
NA	NA	1SD23098S	1SD01CH-2"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	NRI
AS TEI	FOUND SE NSION 4 LE	ETTING: 13/16". FCTL. TEST RESU 3S. COMPRESSION 4.5 LBS.	LTS: ACTIVATION TEST, TENSI	ON .009g. CO	MPRESSION	.012g. DRAG	TEST,
NA	NA	1SD24073S	1SD01CC-2"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 7/8".					
	NIA	1902/0789	1SD01CD-2"	12R-14		VT-3/4	NRI
NA	NA	Spubber	10001002				
AS	FOUND SE	Shubber =TTING: 11/16".					
	NIA	180240798	1SD01CD-2"	12R-14		VT-3/4	NRI
NA	NA	Spubber				Functional	NRI
		Shubber				VT-3/4	NRI
AS TE	FOUND SI	ETTING: 1". FCTL. TEST RESULTS LBS. COMPRESSION 4 LBS.	ACTIVATION TEST, TENSION	.009g. COMPF	RESSION .009	9g. DRAG TES	
ΝA	NΔ	15D240815	1SD01CC-2*	12R-14		VT-3/4	NRI
11/14		Snubber					
		ETTING: 1 3/4"					

(Page 21 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	Item	Description		Request	Notes	Summary	
Inspe	ection Corr	Iments					
E.^	E01 10	1RH02018S	1SI04D-8"	I2R-14		VT-3/4	NRI
F-A	F01.10	Snubber					
AS F	OUND SE	TTING: 2 1/2".					
F-A	F01.10	1RH02019S	1SI04D-8"	I2R-14		VT-3/4	NRI
• • •		Snubber					
AS F	OUND SE	TTING: 1".			<u></u>		
F-A	F01.10	1RH02023S	1SI04D-8"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 3".					
F-A	F01.20	1RH02027S	1SI04C-8"	12R-14		V1-3/4	NRI
		Snubber					
_AS I	FOUND SE	TTING: 4 1/4".				<u>مر</u>	NDI
F-A	F01.10	1RH02061S	1SI04D-8"	12R-14		v I -3/4	INEXI
	-	Snubber					
AS	FOUND SE	TTING: 2 1/4".		10D 14		VT-3/4	NRI
F-A	F01.10	1RH02066S	1SIA4B-8"	1215-14		V 1-0/4	
		Snubber					
AS	FOUND SE	:1 HNG: 3".		120 14		VT-3/4	NRI
F-A	F01.10	1RH02067S	151040-8	1211-14			
AS	FOUND SE	:111NG: 3-1/4 .		120-14		VT-3/4	NRI
F-A	F01.10	1RH02069S	15104D-8	1211-14		•••••	
<u>AS</u>	FOUND SE	4DU000708	1SIA/B-8"	12R-14		VT-3/4	NRI
F-A	F01.10	1RHU2U785 Spubber	1914-0-0				
24		TTING: 3".					
	E01 10	104020705	1SIA4B-8"	12R-14		VT-3/4	NRI
r-A	FU1.10	Snubber					
AS	FOUND SE	ETTING: 2 3/8".					
	E01 10	1RH02080S	1SI04D-8"	2R-14		VT-3/4	NRI
1-74	101.10	Snubber					
AS	FOUND SE	ETTING: 3 5/8".					
F-A	F01 10	1RH02081S	1SI04B-8"	I2R-14		VT-3/4	NRI
1 -73	101.10	Snubber					
AS	FOUND SI	ETTING: 3 1/8".					
F-A	F01.10	1RH02082S	1SIA4B-8"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SI	ETTING: 2 3/8".					
F-A	F01.10	1RH02083S	1SIA4B-8"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND S	ETTING: 2 7/8".					

(Page 22 of 27)

Secti	on XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	ltem	Description		Request	Notes	Summary	
Inspe	ction Corr	nments					
F-A	F01.20	1RH02206S	1SIA4A-8"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 2 3/4".				NT 214	NDI
F-A	F01.10	1SI01002S	1SI09BA-10"	12R-14		V 1-3/4	INE
		Snubber					
ASE	OUND SE	1 HNG: 1".		120 14		VT-3/4	NRI
F-A	NA	1SI01003S	15109BA-10	1213-14		V1 0/4	
		Shubber					
A3 F		101010040	1SI0984-10"	12R-14		VT-3/4	NRI
F-A	NA	Snubber	1310307-10				
AS F	OUND SE	TTING: 3 1/2".					
<u>Γ</u> Δ		151010065	1SI09BA-10"	12R-14		VT-3/4	NRI
1-7		Snubber					
AS F	OUND SE	TTING: 2 1/8".					
F-A	NA	1SI01007S	1SI09BA-10"	12R-14		VT-3/4	NRI
1 7 1		Snubber				Functional	NRI
						VT-3/4	NRI
AS F	OUND SE	TTING: 2 15/16". FCTL. TES	T RESULTS: ACTIVATION TEST, T	ENSION .005g. C	OMPRESSIO	N .004g. DRAG	FIESI,
TEN	SION 20 L	BS. COMPRESSION 30 LBS		100 44		VT 214	NDI
F-A	NA	1SI01009S	1SI09BA-10"	12R-14		V1-3/4	ININ
		Snubber					
_AS F	OUND SE	111NG: 2 3/8 .		120-14		VT-3/4	NRI
F-A	F01.10	1SI01018S	15105DA-6	1217-14		V1-0/4	
		TTING: 3 3/4"					
	E01 10	191010205	1SI05DA-6"	I2R-14		VT-3/4	NRI
Г-А	F01.10	Snubber					
AS F		ETTING: 1 3/4".					
	F01 10	15/010215	1SI05DA-6"	I2R-14		VT-3/4	NRI
1-7	101.10	Snubber					
ASF	FOUND SE	ETTING: 2 3/4".					
F-A	F01.20	1SI01025S	1SI05CA-8"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 2 1/2".					
F-A	F01.10	1SI01029S	1SI05DA-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SI	ETTING: 3 1/4". FCTL.					
F-A	F01.10	1SI01030S	1SI05DA-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SI	ETTING: 3 1/2".					

(Page 23 of 27)

Sec	tion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	ltem	Description		Request	Notes	Summary	
Insp	ection Com	iments					
NA	NA	1SI01031S	1SI09BA-10"	12R-14		VT-3/4	NRI
		Snubber				Functional	NRI
				002~ 001	IDDECCION	V1-3/4	
AS I TEN	FOUND SE ISION 25 LI	TTING: 2 1/2". FCTL. TEST RESU 3S. COMPRESSION 20 LBS.	LTS: ACTIVATION TEST, TENSION	N .0039. CON	1PRE331011	0049. DIVAG	
F-A	F01.20	181010328	1SI09AA-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 3 3/8".		<u></u>			
F-A	F01.10	1SI01034S	1SI05DA-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 2 3/4".					
F-A	F01.20	1SI01035S	1SI05CA-8"	12R-14		VT-3/4	NKI
		Snubber					
AS	FOUND SE	TTING: 2 1/2".					NDI
F-A	F01.20	1SI02003S	1SI05CA-8"	12R-14		V1-3/4	INF
		Snubber					
AS	FOUND SE	TTING: 2 3/4".				VT 214	MDI
F-A	F01.20	1SI03003S	1SI05CA-8"	12R-14		V1-3/4	INEX
AS	FOUND SE	TTING: 2 1/2".				VT 2/4	NPI
F-A	F01.20	1SI03006S	1SI05CA-8"	1213-14		V 1-0/4	
AS	FOUND SE	111ING: 2 1/4 .		120-14		VT-3/4	NRI
F-A	F01.20	1SI03007S	15105CA-8	1211-14		••••	
10							
		161020006	190504-8"	12R-14		VT-3/4	NRI
r-A	FU1.20	Spubber	1010004-0				
AS	FOUND SE	TTING: 2 5/8".					
	F01 10	151030165	1SI05DD-6"	12R-14		VT-3/4	NRI
1-71	101.10	Snubber					
AS	FOUND SE	TTING: 2 3/8".					
F-A	F01.10	1SI03018S	1SI05DD-6"	12R-14		VT-3/4	NRI
	,	Snubber					
AS	FOUND SE	TTING: 2 3/8".					
F-A	F01.10	1SI03020S	1SI05DD-6"	12R-14		VT-3/4	IND.
		Snubber				VT-3/4	NRI
AS SN	FOUND SE	TTING: 2 1/2". RI: CLAMP ANGLE	OUT OF TOLERANCE. CLAMP BO 79624.	OLTING LOO	SE. REPAIRS	S COMPLTED	AND

(Page 24 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	ltem	Description		Request	Notes	Summary	
Inspe	ection Con	nments					
F-A	F01.10	1SI03021S	1SI05DD-6"	I2R-14		VT-3/4	IND.
1 / 1		Snubber				Functional	NRI
						VT-3/4	NRI
						VT-3/4	NRI
AS F TEN REP	FOUND SE SION 130 PAIRS MAD	TTING: 3 1/2". FCTL. TEST RES LBS. COMPRESSION 60 LBS. F DE STISFACTORY. REF. CR 796	SULTS: ACTIVATION TEST, TEN RI: CLAMP SNUBBER ANGULAF 524.	NSION .006g. COM RITY OUT OF TOLI	PRESSION . ERANCE. SN	008g. DRAG T UBBER TEST	EST, ED
F-A	F01.10	1SI03023S	1SI09BD-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 3".					<u>.</u>
F-A	F01.10	1SI03024S	1SI09BD-10"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 2 3/4".					
F-A	F01.10	1SI03025S	1SI09BD-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 1 3/4"					
NA	NA	1SI03028S	1SI09BD-10"	12R-14		VT-3/4	NRI
		Snubber					
AS F	FOUND SE	TTING: 2 1/2".					
NA	NA	1SI03029S	1SI09BD-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS I	FOUND SE	TTING: 3".					
F-A	F01.10	1\$103042\$	1SI05DD-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 2 3/4".					
F-A	F01.10	1SI03046AS	1SI05DD-6"	12R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 1 3/8".					
F-A	F01.10	1SI03046BS	1SI05DD-6"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	TTING: 1 3/8".					
F-A	F01.10	1SI04003S	1SI09BB-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 4 1/4".			<u></u>		
NA	NA	1SI04004S	1SI09BB-10"	12R-14		VT-3/4	IND.
		Snubber				VT-3/4	NRI
AS DIS SA1	FOUND SE COVERED	ETTING: 3 1/4". RI: CLAMP TO S ) ON THE MECHANICAL AUX. S RY.	SNUBBER ANGULARITY OUT O STEEL ASSEMBLY. REPAIRS C	OF TOLERANCE AN OMPLETED. REF.	ND LOOSE LO CR 79624. S	DCKING DEVI NUBBER STR	CES WERE OKED
NA	NA	1SI04005S	1SI09BB-10"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 2".					

(Page 25 of 27)

Sect	ion XI	ISI Identifier	Line Number / EPN	Relief	Program	Exam	Results
Cat.	ltem	Description		Request	Notes	Summary	
				L			
Inspe	ction Com						
NA	NA	1SI04007S	1SI09BB-10"	12R-14		VT-3/4	NRI
		Snubber					
AS F	OUND SE	TTING: 2 1/4".					
F-A	F01.10	1SI04016S	1SI05DB-6"	12R-14		VI-3/4	INFG
		Snubber					
AS F	OUND SE	TTING: 3".		100 44		VT 2/4	NDI
F-A	F01.10	1SI04017S	1SI05DB-6"	12R-14		V1-3/4	INITAL
		Snubber					
AS F	OUND SE	1 1ING: 2 1/4".				VT 2/4	NDI
F-A	F01.10	1SI04019S	1SI05DB-6"	12R-14		V1-3/4	ININI
		Snubber					
ASE	OUND SE	1   ING: 3/4".			·	VT 2/A	NRI
F-A	F01.10	1SI04020S	1SI05DB-6"	1213-14		V1-3/4	PALA
		Snubber					
_AS F	-OUND SE	1 1 ING: 2 1/2 .		120 14		VT-3/4	NRI
F-A	F01.10	1SI04022S	1SI05DB-6"	1213-14		VI-5/4	
ASI	-OUND SE	1 1 1 ING: 2 1/2 .		100 14		\/T_3/4	NRI
F-A	F01.20	1SI04024S	1SI05CB-8"	1213-14		V1-0/4	ru u
ASI	-OUND SE	111NG: 5 1/8 .				\/T_3/A	NRI
F-A	F01.20	1SI04026S	1SI05CB-8"	1213-14		V1-0/4	1413
ASI	FOUND SE	111NG: 2 1/18 .		128-14		VT-3/4	NRI
F-A	F01.20	1SI04030S	1210308-0	1213-14			
101							
		401000000	1910508.8"	12R-14		VT-3/4	NRI
F-A	F01.20	Sluguuzo Spubber	1310300-0				
401		TTING: 2 1/2"					
	E04 00	451000045	1SI05CB-8"	12R-14		VT-3/4	NRI
F-A	F01.20	151090045 Snubber	1310305-0				
121							
	F04 00	401000065	1510508-8"	12R-14		VT-3/4	NRI
r-A	P01.20	Spubber	1010000-0				
20		TTING: 3 5/8"					
	E04 20	151090095	1SI05CB-8"	I2R-14		VT-3/4	NRI
r-A	FU1.20	Snubber	101000-0				
٨¢							
	F04.40	491000129	19/0500-6"	12R-14	·		NRI
F-A	F01.10	Snubber					
٨¢		TTING: 2 1/2"					
AO							

(Page 26 of 27)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Com	ments			L	I	L
F-A	F01.10	1SI09015AS Snubber	1SI05DC-6"	12R-14	······································	VT-3/4	NRI
AS F	OUND SE	TTING: 3 1/2".			·		
F-A	F01.10	1SI09015BS Snubber	1SI05DC-6"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 3 3/8".					
F-A	F01.10	1SI09020S Snubber	1SI09BC-10"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 3 1/2".					
F-A	F01.10	1SI09021S Snubber	1SI09BC-10"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2 1/2".					
NA		1SI09024S Snubber	1SI09BC-10*	I2R-14		V1-3/4	NKI
AST	-UUND SE	401000250	18100BC 10"	2R-14		VT-3/4	NRI
NA		Snubber	1010300-10	1211-14			
AS F	-OUND SE	THNG: 3".		100.14		VT-3/A	NRI
F-A	F01.10	1SI09037S Snubber	1S105DC-6"	1213-14		V1-3/4	
_AS F	FOUND SE	TTING: 2 1/2".				VT 2/4	ND1
F-A	F01.10	1SI09038AS	1SI05DC-6"	12R-14		Functional	NRI
		Snubber				VT-3/4	NRI
AS I	FOUND SE	TTING: 4". FCTL. TE	ST RESULTS: ACTIVATION TEST, TENSION	.003g. COMPR	ESSION .003	g. DRAG TES	Г,
	510N 25 L	4010002886	190500-6"	12R-14		VT-3/4	NRI
F-A	F01.10	Snubber	1310300-0			Functional	NRI
		Shubbei				VT-3/4	NRI
AS I TEN	FOUND SE ISION 40 L	TTING: 4 1/2". FCTL. BS. COMPRESSION	TEST RESULTS: ACTIVATION TEST, TENSI 25 LBS.	ON .0035g. CO	MPRESSION	.003g. DRAG	TEST,
F-A	F01.10	1SI09039S	1SI05DC-6"	l2R-14		VT-3/4	NRI
		Snubber				Functional	NRI
						VT-3/4	
AS TEN	FOUND SE ISION 200	TTING: 3 1/2". FCTL. LBS. COMPRESSION	TEST RESULTS: ACTIVATION TEST, TENSI N 300 LBS.	ON .002g. CON	APRESSION	.002g. DRAG 1	ESI,
F-A	F01.20	1SI09043S Snubber	1SI05CB-8"	12R-14		VT-3/4	NRI
AS	FOUND SE	ETTING: 3 1/4".					
F-A	F01.10	1SI16029S	1SI18FC-2"	I2R-14		VT-3/4	NRI
		Snubber					
AS	FOUND SE	ETTING: 1 1/2"".					

.

(Page 27 of 27)

Sect Cat.	ion XI Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	l		<b>N N N</b>			
NA	NA	1SI16037S Snubber	1SI18ED-2"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2 1/4".					
NA	NA	1SI16038S Snubber	1SI18EC-2"	i2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2 1/16".					
F-A	F01.20	1SI18049S Snubber	1SI02BA-6"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2".					
F-A	F01.20	1SI18086S Snubber	1SI02BB-6"	I2R-14		VT-3/4	NRI
AS F	OUND SE	TTING: 2 3/8".					
F-A	F01.10	1SI24012S Snubber	1SI08JA-1.5"	I2R-14		VT-3/4	NRI
ASI	-OUND SE	TTING; 1 3/0 .					

### SYSTEM: Plant Systems Pressurized During Mode 3 (ZZ)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	nments				
B-P	B15 10	A01ZZ-000005-M04-01A	12R-05	NOTE13	VT-2	N/A
2.	B15.20	Periodic (each refueling outage) ASME Section XI Pressure Test &	I2R-12	NOTE14	VT-2	N/A
	B15.30	Generic Letter 88-05.	I2R-13	NOTE17		
	B15.50		I2R-30			
	B15.60/70		I2R-31			
Reac	tor coolant	system was held at NOP/NOT for four hours prior to the start of the ins	pection.			

SYSTEM: Component Cooling System (CC)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Cor	nments				
C-H	C07.30	A01CC-000002-M04-01A	I2R-05		VT-2	N/A
0.11	C07.70	40 Month Period ASME Section XI Pressure Test.	12R-13		VT-2	N/A

VT2 exam performed under W/O 99069479 (Unit 0), W/O 99069480 (Unit 1).

(Page 2 of 15)

SYSTEM: Containment Spray System (CS)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Com	iments				
C-H	C07.10 C07.30 C07.50 C07.70	A01CS-000003-M04-01A 40 Month Period ASME Section XI pressure Test.	12R-05 12R-13	NOTE13	VT-2	N/A
VT2 e	exam perfo	rmed under W/O 97062077.		~		
C-H	C07.10 C07.30 C07.50 C07.70	A01CS-000003-M04-01B 40 Month Period ASME Section XI pressure Test.	12R-05 12R-13		VT-2	N/A
VT2 e	exam perfo	rmed under W/O 97062077.				
С-Н	C07.10 C07.30 C07.70	A01CS-000003-M04-01C 40 Month Period ASME Section XI Pressure Test. The Test Pressure shall be those pressures developed when the Spray Additive Tank is pressurized with the nitrogen blanket. Use SNOOP or Ultraprobe to inspect nitrogen filled piping, valves and upper portion of Spray Additive Tank containing nitrogen blanket.	2R-05  2R-13		VT-2	N/A
VT2	exam perfo	rmed under W/O 97062077.				

...

### Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing (Page 3 of 15)

Sect	ion XI	ISI Identifier	Relief Request	Program Notes	Exam Summary	Results
Cat.				1		l
Inspe	ction Con	hments				
C-H	C07.10	A01CV-000004-M04-01A	12R-05	NOTE12	VT-2	N/A
2	C07.30	40 Month Period ASME Section XI Pressure Test.	12R-12	NOTE15		
	C07.50		I2R-13	NOTE17		
	C07.70					
VT2 e	exam perfo	rmed under W/O 99000221.				
C-H	C07 30	A01CV-000004-M04-01B	I2R-05	NOTE12	VT-2	N/A
0.11	C07.50	40 Month Period ASME Section XI Pressure Test.	12R-12	NOTE15		
	C07.70		I2R-13	NOTE17		
VT2 (	exam perfo	rmed under W/O 99000221.				

(Page 4 of 15)

SYSTEM: Fire Protection System (FP)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Con	nments				
C-H	C07.30	A01FP-000089-M04-02A	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. Verify valve 1FP010 has been opened per BwGP 100-6 prior to performing VT-2 Visual examination of test boundary.	I2R-13			
VT2 e	xam perfo	rmed under W/O 99032994.				

SYSTEM: Instrument Air System (IA)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Com	iments				
C-H	C07.30	A01IA-000004-M04-01A	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. Verify Continuous Leak Detection System for Airlock is in operation prior to performing SNOOP or Ultraprobe examination of test boundary.	12R-13		VT-2	N/A
VT2 e	exam perfor	rmed under W/O 99084850, 99086306.				
C-H	C07.30	A01IA-000004-M04-01B	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. Verify valves 1IA065 and 1IA066 have been opened per BwGP 100-6 prior to performing SNOOP or Ultraprobe examination of test boundary.	I2R-13		VT-2	N/A
VT2 e	exam perfo	rmed under W/O 99084850, 99086306.				

(Page 6 of 15)

SYSTEM: Nitrogen System (NT)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	nments				
C-H	C07.30	A01NT-000004-M04-01A	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. Perform SNOOP or Ultraprobe examination after electrical penetrations have been pressurized with nitrogen for at least four hours.	I2R-13			
VT2 e	exam perfo	rmed under W/O 99071718.				

Page 3-59

(Page 7 of 15)

#### SYSTEM: Off Gas System (OG)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	nments				
C-H	C07.30 C07.70	A010G-000003-M04-01A 40 Month Period ASME Section XI Pressure Test. OPEN valves 00G059, 10G082, 10G083, 10G084 and 10G085 and pressurize test boundary using LLRT box for 10 min. Performing a SNOOP or Ultraprobe inspection of pipe.	12R-05 12R-13	NOTE12	VT-2	

(Page 8 of 15)

### SYSTEM: Process Radiation Monitoring System (PR)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ection Con	nments				
С-Н	C07.30 C07.70	A01PR-000004-M04-01A 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	12R-05 12R-13		VT-2	N/A
VT2 e	exam perfo	rmed under W/O 99071719.				
C-H	C07.30 C07.70	A01PR-000004-M04-01B 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	12R-05 12R-13		VT-2	N/A
VT2 e	exam perfo	rmed under W/O 99071719.				

(Page 9 of 15)

SYSTEM: Process Sampling System (PS)

Sect	ion XI	ISI Identifier	Relief	Program	Exam	Results
Cat.	Item	Description	Request	Notes	Summary	l
Inspe	ection Con	nments				
С-Н	C07.30	A01PS-000009-M04-01A	12R-05	NOTE13	VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. OPEN Valve 1PS9356A and one of the following valves: 1PS9358A,B,C,D or 1PS9351A,B.	12R-13			
VT2 e	exam perfo	rmed under W/O 99069476.				
C-H	C07.30	A01PS-000009-M04-01B	12R-05	NOTE13	VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. OPEN valves 1PS9350A and 1PS9354A.	I2R-13			
VT2	exam perfo	rmed under W/O 99069476.				
C-H	C07.30	A01PS-000009-M04-01C	12R-05	NOTE13	VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. OPEN valves 1PS9350B and 1PS9355A.	12R-13			
VT2	exam perfo	ormed under W/O 99069476.				
C-H	C07.30	A01PS-000009-M04-01D	12R-05	NOTE13	VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. OPEN valve 1PS9357A and one of the following valves: 1PS9352A,B,C,D.	I2R-13			
VT2	exam perfo	ormed under W/O 99069476.				
C-H	C07.30	A01PS-000009-M04-01E	I2R-05	NOTE13	VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test.	12R-13			
VT2	exam perfe	ormed under W/O 99069476.				
## SYSTEM: Reactor Bldg. Equipment Drain and Vent System (RE)

.

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspe	ction Corr	iments		8		
C-H	C07.30	A01RE-000004-M04-01A	12R-05		VT-2	N/A
÷.,	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	l2R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	I2R-13			
VT2 e	exam perfo	rmed under W/O 99159825.				
C-H	C07.30	A01RE-000004-M04-01B	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	I2R-11			
	/	Ultraprobe piping during performance of Local Leak Rate Test.	I2R-13			
VT2 e	exam perfo	rmed under W/O 99159825.		<u> </u>	·	
C-H	C07.30	A01RE-000004-M04-01C	12R-05		VT-2	N/A
Ç II	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	I2R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	12R-13			
VT2	exam perfo	rmed under W/O 99159825.				

(Page 11 of 15)

### SYSTEM: Auxiliary Building Floor Drain System (RF)

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results			
Inspection Comments									
C-H	C07.30	A01RF-000004-M04-01A	12R-05		VT-2	N/A			
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	I2R-11						
		Ultraprobe piping during performance of Local Leak Rate Test.	I2R-13						
VT2 e	exam perfo	rmed under W/O 99032989.							

Page 3-64

(Page 12 of 15)

### SYSTEM: Residual Heat Removal System (RH)

<b>A</b>	N I	101 Islantifier	Relief	Program	Exam	Results		
Sectio	on XI		Request	Notes	Summary			
Cat.	ltem	Description		L				
Inspec	nspection Comments							
C-H	C07.10	A01RH-000003-M04-01A	12R-05	NOTE13	VT-2	N/A		
	C07.30	40 Month Period ASME Section XI Pressure Test. VERIFY loop "A" in	12R-12					
	C07.50	service.	12R-13					
	C07.70							
VT2 e>	VT2 exam performed under W/O 97059049.							
С-Н	C07.10	A01RH-000003-M04-01B	12R-05	NOTE13	VT-2	N/A		
0-11	C07.30	40 Month Period ASME Section XI Pressure Test. VERIFY loop "B" in	I2R-12					
	C07.50	service.	12R-13					
	C07.70							
VT2 ex	xam perfo	rmed under W/O 97059049.						
C-H	C07 30	A01RH-000003-M04-01D	I2R-05	NOTE13	VT-2	N/A		
0.11	C07 70	40 Month Period ASME Section XI Pressure Test.	I2R-12					
	501.10		I2R-13					
VT2 ex	xam perfo	rmed under W/O 97059049.						
С-Н	C07 30	A01RH-000003-M04-01E	12R-05	NOTE13	VT-2	N/A		
0-11	C07 70	40 Month Period ASME Section XI Pressure Test.	12R-12					
	001.10		I2R-13					
VT2 e	xam perfo	rmed under W/O 97059049.						

(Page 13 of 15)

### SYSTEM: Essential Service Water System (SX)

Santi	Section XI ISI Identifier		Relief	Program	Exam	Results			
Sect	Hor	Description	Request	Notes	Summary	۱ ا			
Lat.	item			Lk	٩٨				
Inspe	inspection Comments								
С-Н	C07.30	A01SX-000011-M04-01N	12R-05		VT-2	N/A			
	C07.70	40 Month Period ASME Section XI Pressure Test.	I2R-13						
The V	T2 exam w	vas performed under PM 96031-08.							
C-H	C07.30	A01SX-000011-M04-01P	12R-05		VT-2	N/A			
	C07.70	40 Month Period ASME Section XI Pressure Test.	12R-13						
The V	T2 exam w	vas performed under PM 96031-08.							
C-H	C07.30	A01SX-000011-M04-01T	12R-05		VT-2	N/A			
	C07.70	40 Month Period ASME Section XI Pressure Test.	I2R-13						
The V	'T2 exam w	vas performed under PM 96031-08.				<u></u>			
C-H	C07.30	A01SX-000011-M04-01U	I2R-05		VT-2	N/A			
	C07.70	40 Month Period ASME Section XI Pressure Test.	I2R-13						
	-								
The V	'T2 exam w	vas performed under PM 96031-08.							

(Page 14 of 15)

### SYSTEM: Primary Containment Purge System (VQ)

	VI		Relief	Program	Exam	Results
Sect	ion XI		Request	Notes	Summary	
Cat.	Item			I	1	
Inspe	ction Com	ments				
C-H	C07.30	A01VQ-000004-M04-01A	I2R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	12R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	12R-13			
VT2 e	xam perfo	rmed under W/O 99032986.				
С-н	C07.30	A01VQ-000004-M04-01B	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	I2R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	i2R-13			
VT2 e	exam perfo	rmed under W/O 99032990.				
C-H	C07.30	A01VQ-000004-M04-01C	I2R-05		VT-2	N/A
• • •	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	12R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	12R-13			
VT2 e	exam perfo	rmed under W/O 99032987.		·····		
C-H	C07.30	A01VQ-000004-M04-01D	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	12R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	12R-13			
VT2 e	exam perfo	rmed under W/O 99032985.	•••			
C-H	C07.30	A01VQ-000004-M04-01E	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	12R-11			
	·	Ultraprobe piping during performance of Local Leak Rate Test.	I2R-13			
VT2 e	exam perfo	rmed under W/O 99032983.			. <u> </u>	
C-H	C07.30	A01VQ-000004-M04-01F	12R-05		VT-2	N/A
	C07.70	40 Month Period ASME Section XI Pressure Test. SNOOP or	I2R-11			
		Ultraprobe piping during performance of Local Leak Rate Test.	I2R-13			
VT2 e	exam perfo	rmed under W/O 99032984.				

### SYSTEM: Make-Up Demineralizer System (WM)

.

Sect Cat.	ion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results				
Inspe	Inspection Comments									
С-Н	C07.30 C07.70	A01WM-000004-M04-01A 40 Month Period ASME Section XI Pressure Test. Verify valve 1WM190 has been opened to supply WM supply to containment during Mode 6 prior to performing VT-2 Visual Examination of test boundary.	I2R-05 I2R-13		VT-2	N/A				
VT2 e	xam perfo	rmed under W/O 99032991.								

(Page 1 of 9)

## SYSTEM: Chemical & Volume Control System (CV)

Sectio	un XI	ISI Identifier	Relief	Program	Exam	Results		
Cat	Item	Description	Request	Notes	Summary			
Inspec	ction Com			<b>*</b>				
С-Н	C07.30	1A-CV-10 F-2-1 (C-H)	12R-12		VT-2	NRI		
	C07.40	FLANGED CONNECTION (8 STUDS)	IZK-13					
No evi	dence of b	oron. VT-2 acceptable			 ۱/۳ ۵			
B-P	B15.50	1CV-06-B1 (B-P)	12R-12		v1-2	NKI		
	B15.51	FLANGE BOLTING (4 STUDS)	1213-13					
No lea	kage obse	erved. VI-2 acceptable	100 40		 \/T ک			
С-Н	C07.30	1CV-10 F-1-1 (C-H)	12K-12	•	V I -2 VT₋1	NRI		
<b>.</b> .	C07.40	FLANGED CONNECTION (8 STUDS)	holting po	degradation f	ound. Compo	nent to		
Dry bo be re-e	eron identif examined o	during A1R10 to determine if further action is needed.				······		
C-H	C07.30	1CV-10 F-3-2 (C-H)	12R-12		VT-2	NRI		
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13					
No evi	dence of b	oron. VT-2 acceptable						
C-H	C07.10	1CV04AA (C-H)	12R-12		VT-2	NRI		
,	C07.20	1CV04AA HX (28 STUDS)	12R-13					
No evidence of boron. VT-2 acceptable								
C-H	C07.10	1CV04AB (C-H)	12R-12		VT-2	NRI		
	C07.20	1CV04AB HX (28 STUDS)	12R-13					
No evi	idence of L	boron. VT-2 acceptable						
С-Н	C07.70	1CV381A (C-H)	I2R-12		VT-2	NRI		
	C07.80	1CV381A VLV (6 STUDS)	I2R-13					
No evi	idence of L	boron. VT-2 acceptable						
C-H	C07.70	1CV381B (C-H)	12R-12		VT-2	IND.		
	C07.80	1CV381B VLV (8 STUDS)	12R-13	tine	VI-1	INKI		
Dry bo	onent to b	fied at the body to bonnet connection. No active leakage. VT-1 performe e re-examined during A1R10 to determine if further action is needed.	a on the bol	ung, no degra	avalion found.	·		
B-P	B15.70	1CV459 (B-P)	I2R-12		VT-2	IND.		
5.	B15.71	1CV459 GLOBE VLV (6 STUDS)	I2R-13					
Minor	residual d	ry boron residue found at the body to bonnet connection, component dec ad during A1R10 to determine if further action is needed	conned. No a	active leakage	e identified. C	omponent		
	D45 70	101/460 (R-D)	2R-12		VT-2	NRI		
в-Р	B15.70	10V400 (DFF) 10V460 GLOBE VLV (6 STLIDS)	12R-13					
Notor	akana ohee	erved. VT-2 acceptable						
		1CV/Z037 (C-H)	12R-12		VT-2	NRI		
C-H	C07.70	1CV7037 VLV (10 STUDS)	12R-13					
No ev	idence of I	boron. VT-2 acceptable						
	C07 70	1CV7038 (C-H)	12R-12		VT-2	NRI		
<u>с-п</u>	C07.80	1CV7038 VLV (10 STUDS)	12R-13					
No ev	idence of	boron. VT-2 acceptable						
	C07 70	1CV7039 (C-H)	I2R-12		VT-2	NRI		
U-F1	C07 80	1CV7039 VLV (16 STUDS)	12R-13					
No ev	ridence of	boron. VT-2 acceptable						

(Page 2 of 9)

## SYSTEM: Chemical & Volume Control System (CV)

Section	on XI	ISI Identifier	Relief	Program	Exam	Results
Cat.	Item	Description	Request	Notes	Summary	
Inspec	ction Corr	Iments	·····			
C-H	C07.70	1CV8107A (C-H)	I2R-12		VT-2	IND.
011	C07.80	1CV8107A VLV (10 STUDS)	12R-13		VT-1	NRI
Dry bo be re-e	oron identif examined	ied at the flanged connection. No active leakage. VT-1 performed on the during A1R10 to determine if further action is needed.	e bolting, no	degradation f	ound. Compo	onent to
C-H	C07.70	1CV8107B (C-H)	12R-12		VT-2	NRI
- · ·	C07.80	1CV8107B VLV (10 STUDS)	12R-13			
No evi	idence of l	poron. VT-2 acceptable				
C-H	C07.70	1CV8108 (C-H)	12R-12		VT-2	NRI
	C07.80	1CV8108 VLV (10 STUDS)	12R-13			
No evi	idence of I	boron. VT-2 acceptable		<u> </u>		
С-Н	C07.70	1CV8141A (C-H)	I2R-12		VT-2	N/A
	C07.80	1CV8141A VLV (6 STUDS)	12R-13			
Minor	dry boron	found on valve-packing area. Component deconned. No active leakage.				
C-H	C07.70	1CV8141B (C-H)	12R-12		VT-2	IND.
	C07.80	1CV8141B VLV (6 STUDS)	I2R-13			
Minor	dry boron	found on valve-packing area, no active leakage observed. Component d	econned			
C-H	C07.70	1CV8141C (C-H)	12R-12		VT-2	IND.
• · ·	C07.80	1CV8141C VLV (6 STUDS)	12R-13			
Minor	dry boron	found on valve packing area. Component deconned. No active leakage	observed.			
C-H	C07.70	1CV8141D (C-H)	12R-12		VT-2	NRI
0	C07.80	1CV8141D VLV (6 STUDS)	I2R-13			
No lea	akage obs	erved. VT-2 acceptable				
R-P	B15 70	1CV8145 (B-P)	12R-12		VT-2	NRI
0,	B15.71	1CV8145 GLOBE VLV (6 STUDS)	12R-13			
No ev	idence of	boron. VT-2 acceptable				
 B-P	B15.70	1CV8153A (B-P)	12R-12		VT-2	IND.
5.	B15.71	1CV8153A VLV (6 STUDS)	12R-13		VT-1	NRI
Dry b affect	oron found ed. W/R 1	on bonnet fasteners, no active leakage observed. Component was dec 8628 generated to repair component.	conned. VT-	I performed, I	bolting materia	al not
B-P	B15.70	1CV8153B (B-P)	12R-12		VT-2	IND.
	B15.71	1CV8153B VLV (6 STUDS)	12R-13		VT-1	NRI
Dry b mater	oron found rial not affe	at the body to bonnet connection, no active leakage observed. Compo ected. W/R 18635 generated to repair component	nent was de	conned. VT-	1 performed,	bolting
B-P	B15.70	1CV8378A (B-P)	I2R-12		VT-2	IND.
0"1	B15.71	1CV8378A CHECK VLV (16 STUDS)	12R-13		VT-1	NRI
Dry b durin	oron foun g A1R10.	d at the body to cap connection, component was deconned. No active leave VT-1 performed on the bolting. Bolting material not affected.	akage identf	ied. Compon	ent to be re-e	examined
B-P	B15 70	1CV8378B (B-P)	12R-12		VT-2	NRI
D-F	B15.71	1CV8378B CHECK VLV (16 STUDS)	12R-13			
Noe	vidence of	leakage. VT-2 acceptable.				
110 8	D45 70		12R-12		VT-2	NRI
B-5	B15.70	10000/3A (D-F) 10/83794 CHECK VIV (16 STUDS)	12R-13			
NI- 1-	B15./1					
INO IE	akage obs					

(Page 3 of 9)

SYSTEM: Chemical & Volume Control System (CV)

Cart	ion VI	ISI Identifier	Relief	Program	Exam	Results
Sect		Description	Request	Notes	Summary	
Val.				I	L	
Inspe	ction Com	ments				
B-P	B15.70	1CV8379B (B-P)	12R-12		VT-2	NRI
	B15.71	1CV8379B CHECK VLV (16 STUDS)	12R-13			
No le	akage obse	erved. VT-2 acceptable.				
С-Н	C07.70	1CV8401A (C-H)	12R-12		VT-2	NRI
	C07.80	1CV8401A VLV (6 STUDS)	12R-13			
No ev	idence of b	poron. VT-2 acceptable				
C-H	C07.70	1CV8401B (C-H)	I2R-12		VT-2	IND.
	C07.80	1CV8401B VLV (6 STUDS)	12R-13		VT-1	NRI
Dry b Com	oron identif	fied at the body to bonnet connection. No active leakage. VT-1 performer ere-examined during A1R10 to determine if further action is needed.	ormed on the bo	lting, no degra	adation found.	
B-P	B15.50	PG-2546C-014 F-2-2 (B-P)	12R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
No le	akage obsi	erved. VT-2 acceptable				
C-H	C07.30	PG-2546C-022 F-2-3 (C-H)	12R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	I2R-13			
No le	akage obs	erved. VT-2 acceptable				··
C-H	C07.30	PG-2546C-062 F-2-3 (C-H)	12R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	12R-13			
No le	akage obs	erved. VT-2 acceptable				
C-H	C07.30	PG-2546C-069 F-1-2 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	12R-13			
No e	vidence of	boron. VT-2 acceptable				
C-H	C07.30	PG-2546C-070 F-2-3 (C-H)	12R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	12R-13			
No le	eakage obs	erved. VT-2 acceptable				
C-H	C07.30	PG-2546C-085 F-2-2 (C-H)	12R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	12R-13			
No le	eakage obs	erved. VT-2 acceptable				
B-P	B15.50	PG-2546C-091 F-2-3 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
No le	eakage obs	erved. VT-2 acceptable				
B-P	B15.50	PG-2546C-101 F-2-3 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	12R-13			
No le	eakage obs	erved. VT-2 acceptable				

(Page 4 of 9)

### **SYSTEM:** Pressurizer (PZR)

Sect Cat.	tion XI Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results			
Inspe	Inspection Comments								
B-P	B15.20	1PZR-01-B1 (B-P)	I2R-12		VT-2	NRI			
	B15.21	MANWAY BOLTING (16 TOTAL)	I2R-13						
No le	akage obs	erved. VT-2 acceptable							

(Page 5 of 9)

SYSTEM: Reactor Coolant System (RC)

Sect	ion XI	ISI Identifier	Relief	Program	Exam	Results			
Cat.	ltem	Description	Request	Notes	Summary				
Inspe	ction Com	aments			<b>L</b> ,				
B-P	B15.50	1RC-19-B3 (B-P)	12R-12		VT-2				
	B15.51	FLANGED CONNECTION (4 STUDS)	l2R-13						
Flang leaka	Flange connection B-3 NRI. Dry boron found on1RC035B( loop B equalization line inst isol to 1FIS-428) component deconned. No active leakage.								
B-P	B15.50	1RC-20-B1 (B-P)	12R-12		VT-2	NRI			
	B15.51	FLANGED CONNECTION (4 STUDS)	l2R-13						
No lea	akage obse	rved. VT-2 acceptable.							
B-P	B15.50	1RC-23-B1 (B-P)	12R-12		VT-2	NRI			
	B15.51	FLANGED CONNECTION (4 STUDS)	l2R-13						
No ev	idence of b	oron. VT-2 acceptable							
B-P	B15.50	1RC-27-B1 (B-P)	I2R-12		VT-2	NRI			
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13						
No lea	akage obse	rved. VT-2 acceptable.							
B-P	B15.70	1RC8001B (B-P)	I2R-13		VT-2	NRI			
	B15.71	1RC8001B VALVE BOLTING (24 TL)	12R-30						
No lea	akage obse	rved. VT-2 acceptable							
B-P	B15.70	1RC8002B (B-P)	12R-13		VT-2	IND.			
	B15.71	1RC8002B VALVE BOLTING (24 TL)	12R-30		VT-1	NRI			
Dry bo exam	pron residue performed,	e/dirt found at the body to bonnet connection. No active leakage observe bolting material not affected. Component to be re-examined during A1R pageded to access this component	ed. Compon 10 to determ	ent was clear nine if further	ed/deconned action is need	. VT-1 led.			
D D	D15 70								
D-1-	B15.70		12R-13		V1-2	NRI			
No lea	bio.ri kare obse	ned VT-2 acceptable	12R-30						
	DIE 70		100 40						
B-P	B15.70 B15.71		12R-12		VT-2	NRI			
No lea	kana ohsa	ned VT-2 acceptable	1213-13						
	D45 70		100 40						
D-1"	D15.70		12R-12		V1-2	IND.			
Minor	dry boron f	ound on the valve-packing area, component deconned. No active leakag	identified						
D D	B15 70	1PC9026C (P D)			<u>.</u>				
D-r	B15.70		1217-12		VI-2	IND.			
Minor	dry horon f	ound on valve-nacking area, component deconned. No active leakage id	nzr(-13	2 18//1 0000	rated to ropai	ryayla			
DD	D45 70			1044 i gene					
0-11	D10./U D15.71		12K-12		VI-2	IND.			
Dryba	ron identifi	ad at the body to bonnet connection accoring up throw bonnet forterers	1215-13	No octure to	VI-T				
deconi	ned, VT-1 p	performed on the bolting, no degradation found. W/R 00018342 generate	d to repair c	omponent.	akage. Comp				
B-P	B15.70	1RC8037A (B-P)	I2R-12		VT-2	IND.			
	B15.71	1RC8037A GLOBE VLV (6 STUDS)	I2R-13						
Minor of A1R10	dry residua ) to determi	I boron identified at the body to bonnet connection. No active leakage ob ne if further action is needed.	served. Cor	nponent to be	e re-examined	during			

(Page 6 of 9)

SYSTEM: Reactor Coolant System (RC)

Sect	ion XI	ISI Identifier	Relief	Program Notes	Exam Summary	Results				
Cat.	Item	Description	Request							
Inspe	Inspection Comments									
B-P	B15.70	1RC8037B (B-P)	I2R-12		VT-2	IND.				
	B15.71	1RC8037B GLOBE VLV (6 STUDS)	12R-13		VT-1	NRI				
Dry b degra	Dry boron identified on the bonnet, fasteners. No active leakage observed. Component deconned. VT-1 performed on the bolting, no degradation found.									
B-P	B15.70	1RC8037C (B-P)	12R-12		VT-2	IND.				
	B15.71	1RC8037C GLOBE VLV (6 STUDS)	12R-13							
Minor to be	dry residu re-examine	al boron residue found at the body to bonnet connection, component during A1R10 to determine if further action is needed.	ent deconned. No a	ctive leakag	e identified. Co	omponent				
B-P	B15.70	1RC8037D (B-P)	12R-12		VT-2	IND.				
	B15.71	1RC8037D GLOBE VLV (6 STUDS)	I2R-13							
Minor	dry boron	found on the valve-packing area, component deconned. No active	e leakage identified.							
B-P	B15.70	1RC8085 (B-P)	I2R-12		VT-2	IND.				
	B15.71	1RC8085 GATE VLV (16 STUDS)	I2R-13		VT-1	NRI				
Dry b mater	Dry boron residue observed at the body to bonnet connection, no active leakage. Component was deconned. VT-1 performed, bolting naterial not affected.									

(Page 7 of 9)

### SYSTEM: Residual Heat Removal System (RH)

7

Section XI		ISI Identifier	Relief Request	Program Notes	Exam Summary	Results			
Inspection Comments									
C-H	C07.30	1A-RH-03 F-1-2 (C-H)	12R-12		VT-2	NRI			
	C07.40	FLANGED CONNECTION (12 STUDS)	I2R-13						
No ev	vidence of t	ooron. VT-2 acceptable							
C-H	C07.30	1A-RH-04 F-1-1 (C-H)	12R-12		VT-2	NRI			
	C07.40	FLANGED CONNECTION (24 STUDS)	I2R-13						
No ev	vidence of t	boron. VT-2 acceptable							
C-H	C07.30	1A-RH-04 F-3 (C-H)	12R-12		VT-2	IND.			
	C07.40	FLANGED CONNECTION (12 STUDS)	12R-13						
Minor affect	dry residu ied.	al boron observed on flanged connection. No active leakage observe	d, component w	vas deconned	. Bolting mate	rial not			
C-H	C07.30	1A-RH-07 F-1-4 (C-H)	I2R-12		VT-2	NRI			
	C07.40	FLANGED CONNECTION (8 STUDS)	12R-13						
No ev	idence of l	boron. VT-2 acceptable							
С-Н	C07.70	1RH607 (C-H)	12R-12		VT-2	NRI			
	C07.80	1RH607 VLV (4 STUDS)	12R-13						
No ev	idence of l	eakage (boric acid residue) noted. VT-2 acceptable.							
C-H	C07.70	1RH619 (C-H)	2R-12		VT-2	NRI			
	C07.80	1RH619 VLV (4 STUDS)	I2R-13						
No ev	/idence of I	eakage (boric acid residue) noted. VT-2 acceptable.							
B-P	B15.70	1RH8702B (B-P)	I2R-13		VT-2	NRI			
	B15.71	1RH8702B GATE VALVE (18 STUDS)	I2R-30						
No le	akage obse	erved. VT-2 acceptable.							
С-Н	C07.70	1RH8724B (C-H)	I2R-12		VT-1	NRI			
	C07.80	1RH8724B VLV (16 STUDS)	I2R-13	·					
Boltin	ig was exa	mined when valve was disassembled for internal repairs during A1R0	9. Bolting acce	ptable					
С-Н	C07.70	1RH8730B (C-H)	I2R-12		VT-1	NRI			
	C07.80	1RH8730B VLV (16 STUDS)	I2R-13						
Boltir	Bolting was examined when valve was disassembled for internal repairs during A1R09. Bolting acceptable								

•

# Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 8 of 9)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item		ISI Identifier Description		Program Notes	Exam Summary	Results		
Inspe	Inspection Comments							
B-P	B15.70	1RY455B (B-P)	12R-12		VT-2	NRI		
	B15.71	1RY455B GLOBE VALVE (8 STUDS)	12R-13					
No le	akage obse	erved. VT-2 acceptable.						
B-P	B15.70	1RY455C (B-P)	12R-12		VT-2	IND.		
	B15.71	1RY455C GLOBE VALVE (8 STUDS)	I2R-13					
Minor	dry boron	residue found on the body of the valve, no active leakage. Component	was deconn	ed. Bolting m	aterial not affe	ected.		
B-P	B15.70	1RY8000A (B-P)	I2R-12		VT-2	IND.		
_ •	B15.71	1RY8000A GATE VALVE (16 STUDS)	I2R-13		VT-1	NRI		
Dry residual boron observed at the body to bonnet connection, no active leakage. Component deconned, VT-1 performed. Bolting material not affected.								
B-P	B15.70	1RY8000B (B-P)	12R-12		VT-2	IND.		
- •	B15.71	1RY8000B GATE VALVE (16 STUDS)	12R-13		VT-1	NRI		
Dry residual boron observed at the body to bonnet connection, no active leakage. Component deconned, VT-1 performed. Bolting material not affected.								

(Page 9 of 9)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item		ISI Identifier Description		Program Notes	Exam Summary	Results				
Inspe	Inspection Comments									
B.P	B15 70	1SI8948B (B-P)	I2R-13		VT-2	IND.				
	B15.71	1SI8948B VLV (18 STUDS)	12R-30		VT-1	NRI				
Dry boron residue found at the body to bonnet connection. No active leakage observed. Component was deconned. VT-1 exam performed, bolting material not affected. Component to be re-examined during A1R10 to determine if further action is needed.										
B-P	B15.70	1SI8949B (B-P)	I2R-13		VT-2	NRI				
0,	B15.71	1SI8949B VLV (16 STUDS)	I2R-30							
No le	No leakage observed. VT-2 acceptable									

### 4.0 NIS-1 FORMs - Period 2

As required by IWA-6000 of Section XI, this section contains the Owner's Report for Inservice Inspections, Form NIS-1, for the inservice examination of Class 1 and Class 2 pressure retaining components and their supports credited to Inservice Inspection Interval 2, Period 2.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 1 of 50)

1.	Owner	Exelon Gen	eration Co., I	LLC, 300 Exelon Way, Kennett Square PA 19348		
			(]	Name and Address of Owner)		
2.	Plant	Braidwood	Station, 3510	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407		
			(	(Name and Address of Plant)		
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/	<u>A</u>
5.	Commercial Se	rvice Date_	7/29/88	6. National Board Number for Unit	N-195	
7.	<b>Components</b> In	spected Au	xiliary Feedw	vater System (AF)		

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: NA 1AF06004S	Phillips Getschow	12224	N/A	N/A

## Ecelon.

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

(Page 2 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348				
(Name and Address of Owner)						

2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)

3.	Plant Unit	1	4. Owner Certificate Of Authorization (if required)	<u>N/A</u>
		A		

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Containment Spray System (CS)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1CS-03-34	R-A	Phillips Getschow	1CS-2 N-5	N/A	N/A	
Code Category: 1CS-03-39	R-A	Phillips Getschow	1CS-2 N-5	N/A	N/A	
Code Category: 1CS-04-31B	R-A	Phillips Getschow	1CS-2 N-5	N/A	N/A	
Code Category: 1CS01PB	F-A	Phillips Getschow	1CS01PB	N/A	N/A	
Code Category: 1CS03008R	F-A	Phillips Getschow	1CS03008R	N/A	N/A	
Code Category: 1CS03012S	F-A	Phillips Getschow	24407	N/A	N/A	
Code Category: 1CS03065G	F-A	Phillips Getschow	1CS03065G	N/A	N/A	
Code Category: 1CS03067X	F-A	Phillips Getschow	1CS03067X	N/A	N/A	
Code Category: 1CS03080R	F-A	Phillips Getschow	1CS03080R	N/A	N/A	
Code Category: 1CS03099G	F-A	Phillips Getschow	1CS03099G	N/A	N/A	
Code Category: 1CS04002S	NA	Phillips Getschow	5180	N/A	N/A	
Code Category: 1CS04010S	NA	Phillips Getschow	27680	N/A	N/A	
Code Category: 1CS05005S	NA	Phillips Getschow	4709	N/A	N/A	

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 3 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348			
(Name and Address of Owner)					

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Containment Spray System (CS)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1SI06084X	F-A	Phillips Getschow	1SI06084X	N/A	N/A	
Code Category: 1SI06096R	F-A	Phillips Getschow	1SI06096R	N/A	N/A	
Code Category: 1SI06122A	F-A	Phillips Getschow	1SI06122A	N/A	• N/A	

### Ecelon.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 4 of 50)

1.	Owner	Exelon Gen	eration Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
			(Name and Address of Owner)	
2.	Plant	Braidwood	Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
			(Name and Address of Plant)	
3.	Plant Unit	1	4. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial S	Service Date	7/29/88 6. National Board Number for Unit	N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H 1A-CV-10 F-2-1 (C-H)	Phillips Getschow	F-2-1 (8 STUDS)	N/A	N/A
Code Category: R-A 1CV-05-03	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-05-04	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-05-05	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-05-06	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-05-13	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-05-14.01	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: B-P 1CV-06-B1 (B-P)	Phillips Getschow	F-1-1 (4 STUDS)	N/A	N/A
Code Category: C-H 1CV-10 F-1-1 (C-H)	Phillips Getschow	F-3-2 (8 STUDS)	N/A	N/A
Code Category: C-H 1CV-10 F-3-2 (C-H)	Phillips Getschow	F-3-2 (8 STUDS)	N/A	N/A
Code Category: R-A 1CV-11-06	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: R-A 1CV-11-07	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: F-A 1CV01002G	Phillips Getschow	1CV01002G	N/A	N/A

### Exelún

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 5 of 50)

1.	Owner	Exelon Gen	eration Co.,	LLC, 300 Exelon Way, Kennett Square PA 19348	
				(Name and Address of Owner)	
2.	Plant	Braidwood	Station, 351	100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
				(Name and Address of Plant)	
3.	Plant Unit _	1	4	. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1CV01004R	F-A	Phillips Getschow	1CV01004R	N/A	N/A	
Code Category: 1CV01006S	F-A	Phillips Getschow	16668	N/A	N/A	
Code Category: 1CV01008X	F-A	Phillips Getschow	1CV01008X	N/A	N/A	
Code Category: 1CV01009R	F-A	Phillips Getschow	1CV01009R	N/A	N/A	
Code Category: 1CV01040S	NA	Phillips Getschow	10673	N/A	N/A	
Code Category: 1CV01091X	F-A	Phillips Getschow	1CV01091X	N/A	N/A	
Code Category: 1CV01092A	F-A	Phillips Getschow	1CV01092A	N/A	N/A	
Code Category: 1CV01112X	F-A	Phillips Getschow	1CV01112X	N/A	N/A	
Code Category: 1CV02001C	F-A	Phillips Getschow	1CV02001C	N/A	N/A	
Code Category: 1CV02010X	F-A	Phillips Getschow	1CV02010X	N/A	N/A	
Code Category: 1CV04AA (C-H)	C-H	Phillips Getschow	1CV04AA (C-H)	N/A	N/A	
Code Category: 1CV04AB (C-H)	C-H	Phillips Getschow	1CV04AB (C-H)	N/A	N/A	
Code Category: 1CV06006X	F-A	Phillips Getschow	1CV06006X	N/A	N/A	

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

.

## Ecelon.

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

(rage	υ	UI.	50	9

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)

 3. Plant Unit
 1
 4. Owner Certificate Of Authorization (if required)
 N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

**.** .

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1CV06009C	F-A	Phillips Getschow	1CV06009C	N/A	N/A	
Code Category: 1CV06031V	F-A	Phillips Getschow	1CV06031V	N/A	N/A	
Code Category: 1CV09018S	F-A	Phillips Getschow	2304	N/A	N/A	
Code Category: 1CV09029X	F-A	Phillips Getschow	1CV09029X	N/A	N/A	
Code Category: 1CV09030S	F-A	Phillips Getschow	10162	N/A	N/A	
Code Category: 1CV09060R	F-A	Phillips Getschow	1CV09060R	N/A	N/A	
Code Category: 1CV09063S	F-A	Phillips Getschow	12221	N/A	N/A	
Code Category: 1CV11008R	F-A	Phillips Getschow	1CV11008R	N/A	N/A	
Code Category: 1CV12006S	NA	Phillips Getschow	7734	N/A	N/A	
Code Category: 1CV13051S	NA	Phillips Getschow	21302	N/A	N/A	
Code Category: 1CV13054S	NA	Phillips Getschow	14985	N/A	N/A	
Code Category: 1CV15019X	F-A	Phillips Getschow	1CV15019X	N/A	N/A	
Code Category: 1CV16008S	F-A	Phillips Getschow	17564	N/A	N/A	

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 7 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
	• • • • •	(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

Componer Appurtena	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1CV16009S	F-A	Phillips Getschow	14787	N/A	N/A	
Code Category: 1CV16075R	F-A	Phillips Getschow	1CV16075R	N/A	N/A	
Code Category: 1CV22004R	F-A	Phillips Getschow	1CV22004R	N/A	N/A	
Code Category: 1CV22011R	F-A	Phillips Getschow	1CV22011R	N/A	N/A	
Code Category: 1CV22013G	F-A	Phillips Getschow	1CV22013G	N/A	N/A	
Code Category: 1CV22016X	F-A	Phillips Getschow	1CV22016X	N/A	N/A	
Code Category: 1CV24021S	NA	Phillips Getschow	1222	N/A	N/A	
Code Category: 1CV24023S	NA	Phillips Getschow	6032	N/A	N/A	
Code Category: 1CV24024S	NA	Phillips Getschow	17295	N/A	N/A	
Code Category: 1CV25009S	F-A	Phillips Getschow	10322	N/A	N/A	
Code Category: 1CV25052S	F-A	Phillips Getschow	14788	N/A	N/A	
Code Category: 1CV27001S	NA	Phillips Getschow	14902	N/A	N/A	
Code Category: 1CV28002S	NA	Phillips Getschow	24036	N/A	N/A	

### Exel©n.

. . . . .

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 8 of 50)

1. Owner	Exelon Generati	on Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
		(Name and Address of Owner)	
2. Plant	Braidwood Stat	ion, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
		(Name and Address of Plant)	
3. Plant Unit	1	4. Owner Certificate Of Authorization (if required)	N/A
5. Commercial	Service Date 7/2	29/88 6. National Board Number for Unit	N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: N/ 1CV28003S	A	Phillips Getschow	19664	N/A	N/A	
Code Category: N/ 1CV28005S	A	Phillips Getschow	7182	N/A	N/A	
Code Category: N/ 1CV28041S	A	Phillips Getschow	21610	<b>N/A</b>	N/A	
Code Category: N/ 1CV29005S	A	Phillips Getschow	2656	N/A	N/A.	
Code Category: N/ 1CV29036S	A	Phillips Getschow	9574	N/A	N/A	
Code Category: N/ 1CV30002S	A	Phillips Getschow	21507	N/A	N/A	
Code Category: N/ 1CV30004S	A	Phillips Getschow	12452	N/A	N/A	
Code Category: N/ 1CV31007S	A	Phillips Getschow	20116	N/A	N/A	
Code Category: N/ 1CV31011S	A	Phillips Getschow	20105	N/A	N/A	
Code Category: N/ 1CV31020S	A	Phillips Getschow	14668	N/A	N/A	
Code Category: N/ 1CV34008S	A	Phillips Getschow	14440	N/A	N/A	
Code Category: F- 1CV36016V	-A	Phillips Getschow	1CV36016V	N/A	N/A	
Code Category: C- 1CV381A (C-H)	-H	Phillips Getschow	1CV381A (C-H)	N/A	N/A	

Braidwood Station Unit 1 A1R09 ISI Outage Report

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 9 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348						
		(Name and Address of Owner)						

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

. . . .

. . . . . . .

Compone Appurten	nt or ance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1CV381B (C-H)	С-Н	Phillips Getschow	1CV381B (C-H)	N/A	N/A
Code Category: 1CV41025S	NA	Phillips Getschow	10353	N/A	N/A
Code Category: 1CV41026S	NA	Phillips Getschow	24060	N/A	N/A
Code Category: 1CV41031S	NA	Phillips Getschow	9568	N/A	N/A
Code Category: 1CV41034S	NA	Phillips Getschow	9467	N/A	<b>N/A</b>
Code Category: 1CV41035S	NA	Phillips Getschow	14829	N/A	N/A
Code Category: 1CV41036S	NA	Phillips Getschow	19431	N/A	N/A
Code Category: 1CV459 (B-P)	B-P	Copes Vulcan	7310-95288-203-1	N/A	497
Code Category: 1CV460 (B-P)	B-P	Copes Vulcan	7310-95288-203-2	N/A	530
Code Category: 1CV63029S	NA	Phillips Getschow	12458	N/A	N/A
Code Category: 1CV64037S	NA	Phillips Getschow	29628	N/A	N/A
Code Category: 1CV64038S	NA	Phillips Getschow	3282	N/A	N/A
Code Category: 1CV7037 (C-H)	С-Н	Phillips Getschow	1CV7037 (C-H)	N/A	N/A

\_\_\_\_\_

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 10 of 50)

1.	Owner	Exelon (	Generation Co.	, LLC,	300 Exelor	1 Way,	Kennett	Square PA	19348

- (Name and Address of Owner)
- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer Manufacturer or Installer Stat or Installer Serial No. Provin		
Code Category: C-H 1CV7038 (C-H)	Phillips Getschow	1CV7038 (C-H)	N/A	N/A
Code Category: C-H 1CV7039 (C-H)	Phillips Getschow	1CV7039 (C-H)	N/A	N/A
Code Category: C-H 1CV8107A (C-H)	Phillips Getschow	1CV8107A (C-H)	N/A	N/A
Code Category: C-H 1CV8107B (C-H)	Phillips Getschow	1CV8107B (C-H)	N/A	N/A
Code Category: C-H. 1CV8108 (C-H)	Phillips Getschow	1CV8108 (C-H)	N/A	N/A
Code Category: C-H 1CV8141A (C-H)	Phillips Getschow	1CV8141A (C-H)	N/A	N/A
Code Category: C-H 1CV8141B (C-H)	Phillips Getschow	1CV8141B (C-H)	N/A	N/A
Code Category: C-H 1CV8141C (C-H)	Phillips Getschow	1CV8141C (C-H)	N/A	N/A
Code Category: C-H 1CV8141D (C-H)	Phillips Getschow	1CV8141D (C-H)	N/A	N/A
Code Category: B-P 1CV8145 (B-P)	Copes Vulcan	7310-95288-201-1	N/A	298
Code Category: B-P 1CV8153A (B-P)	Phillips Getschow	1CV8153A (B-P)	N/A	N/A
Code Category: B-P 1CV8153B (B-P)	Phillips Getschow	1CV8153B (B-P)	N/A	N/A
Code Category: B-P 1CV8378A (B-P)	Westinghouse	2574024803000CS 880000000	N/A	W11274

### Ecelón.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 11 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit \_\_\_\_\_ 1 \_\_\_\_ 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: B-P 1CV8378B (B-P)	Westinghouse	2574024903000CS 880000000	N/A	W11275
Code Category: B-P 1CV8379A (B-P)	Westinghouse	2574025003000CS 880000000	N/A	W11276
Code Category: B-P 1CV8379B (B-P)	Westinghouse	2574025203000CS 880000000	N/A	W11278
Code Category: C-H: 1CV8401A (C-H)	Phillips Getschow	1CV8401Å (C-H)	N/A	N/A
Code Category: C-H 1CV8401B (C-H)	Phillips Getschow	1CV8401B (C-H)	N/A .	N/A
Code Category: NA 1CV99022S	Phillips Getschow	10409	N/A	N/A
Code Category: R-A 1RC-36-15	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-16	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-17	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-18	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-37-11	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-37-12	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: F-A 1RY06052G	Phillips Getschow	1RY06052G	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 12 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: F-A 1RY06176X	Phillips Getschow	1RY06176X	N/A	N/A
Code Category: B-P PG-2546C-014 F-2-2 (B-P)	Phillips Getschow	F-2-2 (4 STUDS)	N/A	N/A
Code Category: C-H PG-2546C-022 F-2-3 (C-H)	Phillips Getschow	F-2-3 (4 STUDS)	N/A	N/A
Code Category: C-H PG-2546C-062 F-2-3 (C-H)	Phillips Getschow	F-2-3 (4 STUDS)	N/A	N/A
Code Category: C-H PG-2546C-069 F-1-2 (C-H)	Phillips Getschow	F-1-2 (4 STUDS)	N/A	N/A
Code Category: C-H PG-2546C-070 F-2-3 (C-H)	Phillips Getschow	F-2-3 (4 STUDS)	N/A	N/A
Code Category: C-H PG-2546C-085 F-2-2 (C-H)	Phillips Getschow	F-2-2 (4 STUDS)	N/A	N/A
Code Category: B-P PG-2546C-091 F-2-3 (B-P)	Phillips Getschow	F-2-3 (4 STUDS)	N/A	N/A
Code Category: B-P PG-2546C-101 F-2-3 (B-P)	Phillips Getschow	F-2-3 (4 STUDS)	N/A	N/A

1. . . . . . . . . . . . . . . .

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 13 of 50)

- 1. Owner Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Feedwater System (FW)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1AF05066S	NA	Phillips Getschow	4771	N/A	N/A
Code Category: 1AF06037R	F-A	ComEd \ N/P, SW Venture	1AF06037R	N/A	N/A
Code Category: 1FW-02-37	R-A	Bechtel	P-RCA-401 FW2	N/A	N/A
Code Category: 1FW-02-38	R-A	Bechtel	P-RCA-401 FW1R1	N/A	N/A
Code Category: 1FW02020X	F-A	ComEd \ Bechtel	1FW02020X	N/A	N/A
Code Category: 1FW10001S	NA	Phillips Getschow	12428	N/A	N/A
Code Category: 1FW12025S	NA	Phillips Getschow	2394	N/A	N/A
Code Category: 1FW14002S	NA	Phillips Getschow	12220	N/A	N/A
Code Category: 1PC-076A	F-A	Phillips Getschow	1PC-076A	N/A	N/A

### Exel<sup>to</sup>n.

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 14 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Squ	uare PA 19348	
		(Name and Address of Owner)		
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, I	llinois 60407	
		(Name and Address of Plant)		
3.	Plant Unit	1 4. Owner Certificate Of Authorizati	ion (if required) N/A	

\_\_\_\_\_

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Main Steam System (MS)

. . . . . . . . . .

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1MS01074AS	F-A	Phillips Getschow	16127	N/A	N/A
Code Category: 1MS01074BS	F-A	Phillips Getschow	16126	N/A	N/A
Code Category: 1MS01079S	F-A	Phillips Getschow	16148	N/A	N/A
Code Category: 1MS01083AS	F-A	Phillips Getschow	10089	N/A	N/A
Code Category: 1MS01083BS	F-A	Phillips Getschow	9215	N/A	· N/A
Code Category: 1MS01088S	F-A	Phillips Getschow	6042	N/A	N/A
Code Category: 1MS01092AS	F-A	Phillips Getschow	16131	N/A	N/A
Code Category: 1MS01092BS	F-A	Phillips Getschow	16139	N/A	N/A
Code Category: 1MS01097S	F-A	Phillips Getschow	5096	N/A	N/A
Code Category: 1MS01101AS	F-A	Phillips Getschow	1625	N/A	N/A
Code Category: 1MS01101BS	F-A	Phillips Getschow	1534	N/A	N/A
Code Category: 1MS01106S	F-A	Phillips Getschow	5754	N/A	N/A
Code Category: 1MS05007AS	F-A	Phillips Getschow	11095	N/A	N/A

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 15 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Main Steam System (MS)

Componer Appurtena	nt or Ince	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1MS05007BS	F-A	Phillips Getschow	11096	N/A	N/A
Code Category: 1MS06007AS	F-A	Phillips Getschow	11094	N/A	N/A
Code Category: 1MS06007BS	F-A	Phillips Getschow	11093	N/A	N/A
Code Category: 1MS07006AS	F-A:	Phillips Getschow	: 11153	N/A	N/A
Code Category: 1MS07006BS	F-A	Phillips Getschow	11123	N/A	N/A
Code Category: 1MS08007AS	F-A	Phillips Getschow	11146	N/A	N/A
Code Category: 1MS08007BS	F-A	Phillips Getschow	11145	N/A	N/A
Code Category: 1PC-078A	F-A	Phillips Getschow	1PC-078A	N/A	N/A

\_\_\_\_\_

. . . . . . .

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 16 of 50)

1. Owner	Exelon Gen	eration Co., L	LC,	300 Exelon Way, Kennett Square PA 19	9348	
		1)	lame	and Address of Owner)		
2. Plant	Braidwood	Station, 3510	0 <b>S</b> .	Rt. 53, Suite 84, Braceville, Illinois 60	407	
		(	Name	e and Address of Plant)		
3. Plant Unit	1	4.	Own	ner Certificate Of Authorization (if req	uired)	N/A
5. Commercial	Service Date	7/29/88	<b>6.</b> ]	National Board Number for Unit	N-	195

7. Components Inspected Pressurizer (PZR)

. . . . . . . . . . .

. . .

and the second secon

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: B-P 1PZR-01-B1 (B-P)	Westinghouse	2101	U-199012	18696

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 17 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon	Way, Kennett Square PA 19348
		(Name and Address	of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1CV02003S	F-A	Phillips Getschow	8767	N/A	N/A
Code Category: 1CV06014X	F-A	Phillips Getschow	1CV06014X	N/A	N/A
Code Category: 1CV09068AS	F-A	Phillips Getschow	5014	N/A	N/A
Code Category: 1CV09068BS	F-A	Phillips Getschow	8615	N/A	N/A
Code Category: 1CV09069S	F-A	Phillips Getschow	14729	N/A	N/A
Code Category: 1CV11019S	F-A	Phillips Getschow	11848	N/A	N/A
Code Category: 1CV11023S	F-A	Phillips Getschow	14783	N/A	N/A
Code Category: 1CV12002X	F-A	Phillips Getschow	1CV12002X	N/A	N/A
Code Category: 1CV14001S	F-A	Phillips Getschow	12115	N/A	N/A
Code Category: 1CV14004S	F-A	Phillips Getschow	12102	N/A	N/A
Code Category: 1CV14039S	F-A	Phillips Getschow	22292	N/A	N/A
Code Category: 1CV15015S	F-A	Phillips Getschow	10425	N/A	N/A
Code Category: 1CV15039AS	F-A	Phillips Getschow	22546	N/A	N/A

\_\_\_\_

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

(1	Page	18	of	<u>50)</u>	

1. (	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurtena	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1CV15039BS	F-A	Phillips Getschow	3128	N/A	N/A
Code Category: 1CV15111S	F-A	Phillips Getschow	9642	N/A	N/A
Code Category: 1CV24026S	F-A	Phillips Getschow	2518	N/A	N/A
Code Category: 1CV24027S	F-A	Phillips Getschow	24345	N/A	N/A
Code Category: 1CV24039S	F-A	Phillips Getschow	3843	N/A	N/A
Code Category: 1CV25001S	F-A	Phillips Getschow	13059	N/A	N/A
Code Category: 1CV25002S	F-A	Phillips Getschow	14764	N/A	N/A
Code Category: 1CV25034S	F-A	Phillips Getschow	14719	N/A	N/A
Code Category: 1CV25051S	F-A	Phillips Getschow	27639	N/A	N/A
Code Category: 1CV25053X	F-A	Phillips Getschow	1CV25053X	N/A	N/A
Code Category: 1RC-01-04	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-01-10	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-01-19A	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 19 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		 (Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

. . . . . . .

. ... . . .

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: B-G-1 1RC-01-1RC8001A (BLT)	Westinghouse	07-114E937-G04	N/A	W-17736
Code Category: R-A 1RC-02-04A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-02-19B	Phillips Getschow	WR970098404-01	N/A	N/A
Code Category: R-A 1RC-02-23B	Phillips Getschow	WR970098404-01	N/A	N/A
Code Category: R-A 1RC-03-21A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-06-01	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-06-02	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-06-03	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: B-G-2 1RC-06-1RC8003A (BLT)	Copes-Vulcan	7310-95296-1-1	N/A	494
Code Category: R-A 1RC-11-01	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-11-02	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: B-P 1RC-19-B3 (B-P)	Phillips Getschow	B3 (4 STUDS)	N/A	N/A
Code Category: B-P 1RC-20-B1 (B-P)	Phillips Getschow	B1 (4 STUDS)	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

...

Frakm

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 20 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3. 5.	Plant Unit Commercial Se	14. Owner Certificate Of Authorization (if requiredervice Date7/29/886. National Board Number for Unit	I <u>) N/A</u> N-195

7. Components Inspected Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or installer Serial No.	State or Province No.	National Board No.
Code Category: B-P 1RC-23-B1 (B-P)	Phillips Getschow	B1 (4 STUDS)	N/A	N/A
Code Category: B-P 1RC-27-B1 (B-P)	Phillips Getschow	B1 (4 STUDS)	. N/A	N/A
Code Category: R-A 1RC-29-01-03	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-29-01-04	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-29-02-03	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 21 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

Compone	nt or ance	Manufacturer or installer	Manufacturer or installer Serial No.	State or Province No.	National Board No.
Code Category: 1RC-29-06-04	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-31-01	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-31-02	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-31-03	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-31-04	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-36-02	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-36-03	 R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-36-04	R-A	Phillips Getschow	1CV-1 N-5	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 22 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3. 5.	Plant Unit Commercial Se	14. Owner Certificate Of Authorization (if required)N/Aervice Date7/29/886. National Board Number for UnitN-195	

7. Components Inspected Reactor Coolant System (RC)

=

Component or Annurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: R-A 1RC-36-05	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-06	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-07	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-08	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-36-09	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-37-04	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A 1RC-37-05	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A

Exelón

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 23 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
	• • • • • • • • • • • • • • • • • • •	(Name and Address of Owner)	
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
		(Name and Address of Plant)	
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A	

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RC-37-07	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-37-08	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-37-09	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-01AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-01AB:	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-02AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-02AB	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-03AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-03AB	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-04AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-04AB	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-05AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-41-06AA	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

\_\_\_\_\_

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

(Page 24 of 50)

1.	Owner	Exelon Gen	eration Co., I	LC, 300 Exelon Way, Kennett Square PA 19348	10
			1)	Name and Address of Owner)	
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407 Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial S	ervice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RC-42-01	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-02	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-03	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-04	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-05	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-06	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-07	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-08	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC-42-09	R-A	Phillips Getschow	1RC-1 N-5	N/A	N/A
Code Category: 1RC01006S	F-A	Phillips Getschow	6581	N/A	N/A
Code Category: 1RC01007S	F-A	Phillips Getschow	N/A	N/A	N/A
Code Category: 1RC01BA-A	F-A	ComEd \ Bechtel	13	N/A	N/A
Code Category: 1RC01BA-B	F-A	ComEd \ Bechtel	18	N/A	N/A

Exelon

. . . . .

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 25 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurten	nt or ance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RC01BB-A	F-A	ComEd \ Bechtel	23	N/A	N/A
Code Category: 1RC01BB-B	F-A	ComEd \ Bechtel	14	N/A	N/A
Code Category: 1RC01BC-A	F-A	ComEd \ Bechtel	12	N/A	N/A
Code Category: 1RC01BC-B	F-A	ComEd \ Bechtel	21	N/A	N/A
Code Category: 1RC01BD-A	F-A	ComEd \ Bechtel	25	N/A	N/A
Code Category: 1RC01BD-B	F-A	ComEd \ Bechtel	32	N/A	N/A
Code Category: 1RC02006AS	F-A	Phillips Getschow	8666	N/A	N/A
Code Category: 1RC02006BS	F-A	Phillips Getschow	12782	N/A	N/A
Code Category: 1RC02007S	F-A	Phillips Getschow	6055	N/A	N/A
Code Category: 1RC02008S	F-A	Phillips Getschow	10601	N/A	N/A
Code Category: 1RC03005S	F-A	Phillips Getschow	6591	N/A	N/A
Code Category: 1RC03006S	F-A	Phillips Getschow	1186	N/A	N/A
Code Category: 1RC03007S	F-A	Phillips Getschow	5748	N/A	N/A

Incalm.

27

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 26 of 50)

1.	Owner	Exelon Gene	eration Co., 1	LC, 300 Exclon Way, Kennett Square PA 19348 Name and Address of Owner)	
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407 Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	ervice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurtena	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RC03008S	F-A	Phillips Getschow	N/A	N/A	N/A
Code Category: 1RC04004V	F-A	Phillips Getschow	1RC04004V	N/A	N/A
Code Category: 1RC04005S	F-A	Phillips Getschow	9856	N/A	<b>N/A</b>
Code Category: 1RC16114S	F-A	Phillips Getschow	9466	N/A	N/A
Code Category: 1RC16115S	NA	Phillips Getschow	3135	N/A	N/A
Code Category: 1RC16119S	F-A	Phillips Getschow	2655	N/A	N/A
Code Category: 1RC17052S	F-A	Phillips Getschow	8581	N/A	N/A
Code Category: 1RC17058S	F-A	Phillips Getschow	3889	N/A	N/A
Code Category: 1RC17069S	NA	Phillips Getschow	2607	N/A	N/A
Code Category: 1RC18034AS	F-A	Phillips Getschow	13044	N/A	N/A
Code Category: 1RC18034BS	F-A	Phillips Getschow	13082	N/A	N/A
Code Category: 1RC18037S	NA	Phillips Getschow	7101	N/A	N/A
Code Category: 1RC18045S	NA	Phillips Getschow	19613	N/A	N/A

Freiden

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

(Page 27 of 50)

1.	Owner	Exelon Gen	eration Co., L	LLC, 300 Exelon Way, Kennett Square PA 19348 Name and Address of Owner)	
2.	. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)				
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial S	ervice Date	7/29/88	6. National Board Number for Unit	N-195
7.	Components I	nspected Re	actor Coolant	System (RC)	

7. Components Inspected Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: F-A 1RC19042S	Phillips Getschow	3829	N/A	N/A
Code Category: NA 1RC19049S	Phillips Getschow	3061	N/A	N/A
Code Category: F-A 1RC19054S	Phillips Getschow	9885	N/A	N/A
Code Category: NA 1RC19060S	Phillips Getschow	29607	N/A	N/A
Code Category: B-P 1RC8001B (B-P)	Phillips Getschow	1RC8001B (B-P)	N/A	N/A
Code Category: B-P 1RC8002B (B-P)	Phillips Getschow	1RC8002B (B-P)	N/A	N/A
Code Category: B-P 1RC8003B (B-P)	Phillips Getschow	1RC8003B (B-P)	N/A	N/A
Code Category: B-P 1RC8036A (B-P)	Copes / Vulcan	7310-95288-248-1	N/A	656
Code Category: B-P 1RC8036B (B-P)	Copes / Vulcan	7310-95288-248-2	N/A	657
Code Category: B-P 1RC8036C (B-P)	Copes / Vulcan	7310-95288-248-3	N/A	668
Code Category: B-P 1RC8036D (B-P)	Copes / Vulcan	7310-95288-248-4	N/A	669
Code Category: B-P 1RC8037A (B-P)	Copes / Vulcan	7310-95288-248-5	N/A	676
Code Category: B-P 1RC8037B (B-P)	Copes / Vulcan	7310-95288-248-6	N/A	677

# Ecelon.

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 28 of 50)

1.	Owner	Exelon Gen	eration Co., I	LLC, 300 Exelon Way, Kennett Square PA 19348	
	(Name and Address of Owner)				
2.	2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)				
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	ervice Date	7/29/88	6. National Board Number for Unit	N-195

\_\_\_\_\_

7. Components Inspected Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or installer Serial No.	State or Province No.	National Board No.
Code Category: B-P 1RC8037C (B-P)	Copes / Vulcan	7310-95288-248-7	N/A	684
Code Category: B-P 1RC8037D (B-P)	Copes / Vulcan	7310-95288-248-8	N/A	682
Code Category: B-P 1RC8085 (B-P)	Westinghouse	574028403000GH8 800000000	N/A	W14282
Code Category: B-N-1 1RV-01-RX INTERIOR	Westinghouse	640-0014-51	B-24360	N-195
Code Category: B-G-2 1RV-03-CETNA	Westinhouse	640-0014-52	B24360	N-195
Code Category: F-A 1RY06005R	Phillips Getschow	1RY06005R	N/A	N/A
Code Category: F-A 1RY06017S	Phillips Getschow	20882	N/A	N/A
Code Category: F-A 1RY06057S	Phillips Getschow	329	N/A	· N/A
Code Category: F-A 1RY06091S	Phillips Getschow	13586	N/A	N/A
Code Category: F-A 1RY06096S	Phillips Getschow	15332	N/A	N/A
Code Category: F-A 1RY06102X	Phillips Getschow	1RY06102X	N/A	N/A
Code Category: F-A 1RY06153S	Phillips Getschow	8594	N/A	N/A
Code Category: F-A 1RY06154S	Phillips Getschow	9720	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 29 of 50)

1.	Owner	Exelon Gen	eration Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
			(Name and Address of Owner)	
2.	Plant	Braidwood	Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
			(Name and Address of Filme)	
3.	Plant Unit	1	4. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	rvice Date	7/29/88 6. National Board Number for Unit N	-195

7. Components Inspected Reactor Coolant System (RC)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RY06155C	F-A	Phillips Getschow	1RY06155C	N/A	N/A
Code Category: 1RY06156S	F-A	Phillips Getschow	25207	N/A	N/A
Code Category: 1RY06157S	NA	Phillips Getschow	12482	N/A	N/A
Code Category: 1SI-02-47	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-02-48	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-16-23	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-17-01	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-17-02	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-31-02	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 30 of 50)

1.	Owner	Exelon Gene	eration Co.,	LLC, 300 Exelon Way, Kennett Square PA 19348 Name and Address of Owner)		
2.	Plant	Braidwood	Station, 3510	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	<u></u> .	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	)	N/A
5.	Commercial Se	ervice Date	7/29/88	6. National Board Number for Unit	N-195	
7.	Components In	spected Rea	actor Coolant	t Pump (RCP)		

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: NA 1RCP-01-FLYWHEEL (PMP	Westinghouse	N/A	N/A	N/A

and a second second

. . . . . . . . .

and the second second

Braidwood Station Unit 1 A1R09 ISI Outage Report

\_\_\_\_\_

~1/

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

(Page 31 of 50)

1.	Owner	Exelon Gene	ration Co.,	LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood	Station, 351	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1	4	. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	rvice Date	7/29/88	6. National Board Number for Unit	<u>N-195</u>

7. Components Inspected Residual Heat Removal System (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H 1A-RH-03 F-1-2 (C-H)	Phillips Getschow	F-1-2(12 STUDS)	N/A	N/A
Code Category: C-H 1A-RH-04 F-1-1 (C-H)	Phillips Getschow	F-1-1(24 STUDS)	N/A	N/A
Code Category: C-H 1A-RH-04 F-3 (C-H)	Phillips Getschow	F-3 (12 STUDS)	N/A	N/A
Code Category: C-H 1A-RH-07 F-1-4 (C-H)	Phillips Getschow	F-1-4 (8 STUDS)	N/A	N/A
Code Category: F-A 1RH02002S	Phillips Getschow	11899	N/A	. N/A
Code Category: F-A 1RH02003S	Phillips Getschow	8807	N/A	N/A
Code Category: F-A 1RH02007S	Phillips Getschow	8807	N/A	N/A
Code Category: F-A 1RH02008S	Phillips Getschow	8834	N/A	N/A
Code Category: F-A 1RH02009S	Phillips Getschow	9425	N/A	N/A
Code Category: F-A 1RH02012S	Phillips Getschow	8774	N/A	N/A
Code Category: F-A 1RH02013S	Phillips Getschow	8790	N/A	N/A
Code Category: F-A 1RH02047S	Phillips Getschow	9637	N/A	N/A
Code Category: F-A 1RH02052S	Phillips Getschow	7303	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 32 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348					
	(Name and Address of Owner)						
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)					
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A					

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Residual Heat Removal System (RH)

. . . . .

. . . . .

Component or Appurtenance		Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RH02054S	F-A	Phillips Getschow	9634	N/A	N/A
Code Category: 1RH02058S	F-A	Phillips Getschow	16640	N/A	N/A
Code Category: 1RH02059S	F-A	Phillips Getschow	8265	N/A	N/A
Code Category: 1RH02068S	F-A	Phillips Getschow	9306	N/A	N/A
Code Category: 1RH02205AS	F-A	Phillips Getschow	4672	N/A	N/A
Code Category: 1RH02205BS	F-A	Phillips Getschow	6290	N/A	N/A
Code Category: 1RH02207S	NA	Phillips Getschow	19237	N/A	N/A
Code Category: 1RH02208S	NA	Phillips Getschow	3967	N/A	N/A
Code Category: 1RH02210S	NA	Phillips Getschow	23762	N/A	N/A
Code Category: 1RH02212S	NA	Phillips Getschow	10385	N/A	N/A
Code Category: 1RH02213S	NA	Phillips Getschow	26025	N/A	N/A
Code Category: 1RH02215S	NA	Phillips Getschow	14269	N/A	N/A
Code Category: 1RH02217S	NA	Phillips Getschow	4751	N/A	N/A

1.1

10

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 33 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
		(Name and Address of Owner)	
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A	

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Residual Heat Removal System (RH)

. . .

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: F-A 1RH04011S	Phillips Getschow	12402	N/A	N/A
Code Category: F-A 1RH04012S	Phillips Getschow	1521	N/A	N/A
Code Category: F-A 1RH07009R	Phillips Getschow	1RH07009R	N/A	N/A
Code Category: F-A 1RH08015S	Phillips Getschow	9863	N/A	N/A
Code Category: C-H 1RH607 (C-H)	Phillips Getschow	1RH607 (C-H)	N/A	N/A
Code Category: C-H 1RH619 (C-H)	Phillips Getschow	1RH619 (C-H)	N/A	N/A
Code Category: B-P 1RH8702B (B-P)	Phillips Getschow	1RH8702B (B-P)	N/A	N/A
Code Category: C-H 1RH8724B (C-H)	Phillips Getschow	1RH8724B (C-H)	N/A	N/A
Code Category: C-H 1RH8730B (C-H)	Phillips Getschow	1RH8730B (C-H)	N/A	N/A
Code Category: C-B 1RHX-01-1RHXN1 (A HX)	Joseph Oats	2267-1E	N/A	840
Code Category: C-B 1RHX-01-1RHXN2 (A HX)	Joseph Oats	2267-1E	N/A	840
Code Category: F-A 1SI06026V	Phillips Getschow	1SI06026V	N/A	N/A
Code Category: F-A 1SI06063R	Phillips Getschow	1SI06063R	N/A	N/A

# Exel@n.

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 34 of 50)

1.	Owner	Exelon Gen	ration Co., LLC, 300 Exelon Way, Kennett Square PA 19 (Name and Address of Owner)	348
2.	Plant	Braidwood	Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 604 (Name and Address of Plant)	407
3. =	Plant Unit	1 rrvice Date	4. Owner Certificate Of Authorization (if req 7/29/88 6. National Board Number for Unit	uired) N/A N-195

7. Components Inspected Residual Heat Removal System (RH)

the second s

and the second second

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: F-A 1SI06068X	Phillips Getschow	1SI06068X	N/A	N/A
Code Category: F-A 1SI06125V	Phillips Getschow	1SI06125V	N/A	N/A

۰.

÷.

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 35 of 50)

1.	Owner	Exelon Gener	ration Co., I (1	LLC, 300 Exelon Way, Kennett Square PA 19348 Name and Address of Owner)	
2.	Plant	Braidwood S	Station, 3510	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	<u>N/A</u>
5.	Commercial Se	rvice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Reactor Coolant System (RY)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1CV-02-13	Code Category: R-A Phillips Getschow		1CV-1 N-5	N/A	N/A
Code Category: 1CV-02-16	R-A	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: 1CV-02-17	R-A	Phillips Getschow	1CV-1 N-5	N/A	N/A
Code Category: 1PZR-01-07	В-К	Westinghouse	CCPT-2101	N/A	W18696
Code Category: NA Phillips Getsch 1RC92021S		Phillips Getschow	23844	N/A	N/A
Code Category: 1RC93AS01S	NA	Phillips Getschow	22590	N/A	N/A
Code Category: 1RY06012S	F-A	Phillips Getschow	8598	N/A	N/A
Code Category: 1RY06022S	F-A	Phillips Getschow	18991	N/A	N/A
Code Category: 1RY06026S	F-A	Phillips Getschow	10172	N/A	N/A
Code Category: 1RY06027S	F-A	Phillips Getschow	9883	N/A	N/A
Code Category: 1RY06029S	Code Category: F-A Phillips Getschow		3779	N/A	N/A
Code Category: 1RY06030S	F-A	Phillips Getschow	9225	N/A	N/A
Code Category: 1RY06031S	F-A	Phillips Getschow	5969	N/A	N/A

Exalm

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 36 of 50)

1.	Owner	Exelon Gen	eration Co., L	LC, 300 Exelon Way, Kennett Square PA 19348 Name and Address of Owner)	-
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407 Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	<b>Commercial Se</b>	rvice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Reactor Coolant System (RY)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RY06033S	F-A	Phillips Getschow	N/A	N/A	N/A
Code Category: 1RY06034S	F-A	Phillips Getschow	8215	N/A	N/A
Code Category: 1RY06047S	F-A	Phillips Getschow	2155	N/A	N/A
Code Category: 1RY06059S	F-A	· Phillips Getschow	20668	N/A	N/A
Code Category: 1RY06068S	NA	Phillips Getschow	12482	N/A	N/A
Code Category: 1RY06080S	F-A	Phillips Getschow	4135	N/A	N/A
Code Category: 1RY06082S	F-A	Phillips Getschow	20657	N/A	N/A
Code Category: 1RY06110S	F-A	Phillips Getschow	10101	N/A	N/A
Code Category: 1RY06118S	F-A	Phillips Getschow	10240	N/A	N/A
Code Category: 1RY06121S	F-A	Phillips Getschow	25610	N/A	N/A
Code Category: 1RY06124S	F-A	Phillips Getschow	5196	N/A	N/A
Code Category: 1RY06126S	F-A	Phillips Getschow	23713	N/A	N/A
Code Category: 1RY09005S	F-A	Phillips Getschow	9981	N/A	N/A

Exelon

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 37 of 50)

1.	Owner	Exelon Gen	eration Co., L	LC, 300 Exelon Way, Kennett Square PA 19348 Name and Address of Owner)	,, _,, _
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407 Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	rvice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Reactor Coolant System (RY)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1RY09012S	Code Category: F-A Phillips Getschow		25435	N/A	N/A	
Code Category: 1RY09077S	F-A	Phillips Getschow	10174	N/A	N/A	
Code Category: 1RY09078S	F-A	Phillips Getschow	14706	N/A	N/A	
Code Category: 1RY09100S	F-A	Phillips Getschow	25405	N/A	N/A	
Code Category: 1RY09101S	F-A	Phillips Getschow	25414	N/A	N/A	
Code Category: 1RY455B (B-P)	B-P	Fisher Control	7022731	N/A	5185	
Code Category: 1RY455C (B-P)	B-P	Fisher Control	7022730	N/A	5019	
Code Category: 1RY8000A (B-P)	B-P	Westinghouse	S74001403000GM 88FNH00000	N/A	W14375	
Code Category: 1RY8000B (B-P)	B-P	Westinghouse	S74001503000GM 88FNH00000	N/A	W14376	

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 38 of 50)

(Pag	ge 3	0 8	DI D	(0)

1.	Owner				
			(	(Name and Address of Owner)	
2.	Plant	Braidwood	Station, 351	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1	4.	. Owner Certificate Of Authorization (if required)	<u>N/A</u>
5.	Commercial S	ervice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Steam Generator Blowdown System (SD)

Compone	nt or ance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1SD23089S	NA	Phillips Getschow	3486	N/A	N/A
Code Category: 1SD23093S	NA	Phillips Getschow	12511	N/A	N/A
Code Category:	NA	Phillips Getschow	12223	N/A	N/A
Code Category:	NA ·	Phillips Getschow	8836	N/A	N/A
Code Category:	NA	Phillips Getschow	7011	N/A	N/A
Code Category:	NA	Phillips Getschow	943	N/A	N/A
Code Category: 1SD24079S	NA	Phillips Getschow	2269	N/A	N/A
Code Category: 1SD24081S	NA	Phillips Getschow	2230	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 39 of 50)

1.	Owner	Exelon Gen	eration Co., L	LC, 300 Exelon Way, Kennett Square PA 19348	
			1)	Name and Address of Owner)	
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407 Name and Address of Plant)	
3.	Plant Unit	11	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial Se	ervice Date_	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Steam Generator (SG)

.....

Component or Appurtenance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: R-A 1RC-01-09A	BWI	7735-34	U237763	168
Code Category: R-A 1RC-02-19A	BWI	7735-36	U237761	170
Code Category: R-A 1RC-02-23A	BWI	7735-36	U237761	170
Code Category: B-B 1SG-05-SGC-01	BWI	7735-34	U237763	· 168
Code Category: C-A	BWI	7735-34	U237763	168
Code Category: C-A 1SG-05-SGC-08	BWI	7735-34	U237763	168
Code Category: R-A 1SG-05-SGSE-03	BWI	7735-34	U237763	168

Exekin

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 40 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kenn (Name and Address of Owner)	nett Square PA 19348
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Brace (Name and Address of Plant)	ville, Illinois 60407
3. 5	Plant Unit	14. Owner Certificate Of Authrvice Date7/29/886. National Board Numb	orization (if required) N/A er for Unit N-195

7. Components Inspected Safety Injection System (SI)

Compone	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RH02018S	F-A	Phillips Getschow	9127	N/A	N/A
Code Category: 1RH02019S	F-A	Phillips Getschow	4160	N/A	N/A
Code Category: 1RH02023S	F-A	Phillips Getschow	16644	N/A	N/A
Code Category: 1RH02027S	F-A	Phillips Getschow	2522	N/A	N/A
Code Category: 1RH02061S	F-A	Phillips Getschow	18332	N/A	N/A
Code Category: 1RH02066S	F-A	Phillips Getschow	8815	N/A	N/A
Code Category: 1RH02067S	F-A	Phillips Getschow	10571	N/A	N/A
Code Category: 1RH02069S	F-A	Phillips Getschow	11555	N/A	N/A
Code Category: 1RH02078S	F-A	Phillips Getschow	16667	N/A	N/A
Code Category: 1RH02079S	F-A	Phillips Getschow	10225	N/A	N/A
Code Category: 1RH02080S	F-A	Phillips Getschow	8803	N/A	N/A
Code Category: 1RH02081S	F-A	Phillips Getschow	29330	N/A	N/A
Code Category: 1RH02082S	F-A	Phillips Getschow	9473	N/A	N/A

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 41 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)

- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1RH02083S	F-A	Phillips Getschow	2480	N/A	N/A
Code Category: 1RH02206S	F-A	Phillips Getschow	12234	N/A	N/A
Code Category: 1SI-10-25	R-A	Phillips Getschow	1SI-2 N-5	N/A .	N/A
Code Category: 1SI-10-26.01	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-17-B1	B-G-2	Phillips Getschow	1SI-3 N-5	<b>N/A</b>	N/A
Code Category: 1SI-18-23	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-18-24	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-18-25	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-18-26	R-A	Phillips Getschow	1SI-2 N-5	N/A	N/A
Code Category: 1SI-19-01	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-06	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-07	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-08	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A

# Exelón.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 42 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
		The second

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit
   1
   4. Owner Certificate Of Authorization (if required)
   N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

Component or Appurtenance		Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1SI-19-14	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-15	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-16	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-17	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-18	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-B1	B-G-2	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-19-B2	B-G-2	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-24-09BB	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-24-25BA	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-24-28BA	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-35-37	R-A	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-37-12	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-37-21	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules Page 43 of SON

(P	age	43	ot	<u>50)</u>

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)

 3. Plant Unit
 1
 4. Owner Certificate Of Authorization (if required)
 N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

• • •

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1SI-37-22	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-37-24	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-37-25	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI-37-36	NA	Phillips Getschow	1SI-3 N-5	N/A	N/A
Code Category: 1SI01002S	F-A	Phillips Getschow	6679	N/A	N/A
Code Category: 1SI01003S	F-A	Phillips Getschow	2543	N/A	N/A
Code Category: 1SI01004S	F-A	Phillips Getschow	8854	N/A	N/A
Code Category: 1SI01006S	F-A	Phillips Getschow	18460	N/A	N/A
Code Category: 1SI01007S	F-A	Phillips Getschow	N/A	N/A	N/A
Code Category: 1SI01009S	F-A	Phillips Getschow	8776	N/A	N/A
Code Category: 1SI01018S	F-A	Phillips Getschow	16621	N/A	N/A
Code Category: 1SI01020S	F-A	Phillips Getschow	16656	N/A	N/A
Code Category: 1SI01021S	F-A	Phillips Getschow	16695	N/A	N/A

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 44 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit \_\_\_\_\_1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

Componer Appurtena	nt or Ince	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1SI01025S	F-A	Phillips Getschow	20095	N/A	N/A
Code Category: 1SI01029S	F-A	Phillips Getschow	16729	N/A	N/A
Code Category: 1SI01030S	F-A	Phillips Getschow	16601	N/A	N/A
Code Category: 1SI01031S	NA .	Phillips Getschow	16654	N/A	N/A
Code Category: 1SI01032S	F-A	Phillips Getschow	16678	N/A	. N/A
Code Category: 1SI01034S	F-A	Phillips Getschow	16676	N/A	N/A
Code Category: 1SI01035S	F-A	Phillips Getschow	16647	N/A	N/A
Code Category: 1SI02003S	F-A	Phillips Getschow	20665	N/A	N/A
Code Category: 1SI03003S	F-A	Phillips Getschow	7391	N/A	N/A
Code Category: 1SI03006S	F-A	Phillips Getschow	1650	N/A	N/A
Code Category: 1SI03007S	F-A	Phillips Getschow	16690	N/A	N/A
Code Category: 1SI03009S	F-A	Phillips Getschow	2747	N/A	N/A
Code Category: 1SI03016S	F-A	Phillips Getschow	30168	N/A	N/A

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 45 of 50)

(P	age	45	OI	<b>3</b> 0)	

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407

(Name and Address of Plant)

 3. Plant Unit
 1
 4. Owner Certificate Of Authorization (if required)
 N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

. . . .

Component or Appurtenance		Manufacturer or Installer	Manufacturer or installer Serial No.	State or Province No.	National Board No.
Code Category: 1SI03018S	F-A	Phillips Getschow	10579	N/A	N/A
Code Category: 1SI03020S	F-A	Phillips Getschow	9728	N/A	N/A
Code Category: 1SI03021S	F-A	Phillips Getschow	5640	N/A	Ņ/A
Code Category: 1SI03023S	F-A	Phillips Getschow	8809	N/A	• N/A
Code Category: 1SI03024S	F-A	Phillips Getschow	2483	N/A	N/A
Code Category: 1SI03025S	F-A	Phillips Getschow	9709	N/A	N/A
Code Category: 1SI03028S	NA	Phillips Getschow	8801	N/A	N/A
Code Category: 1SI03029S	NA	Phillips Getschow	25114	N/A	N/A
Code Category: 1SI03042S	F-A	Phillips Getschow	5410	N/A	N/A
Code Category: 1SI03046AS	F-A	Phillips Getschow	20091	N/A	N/A
Code Category: 1SI03046BS	F-A	Phillips Getschow	20070	N/A	N/A
Code Category: 1SI04003S	F-A	Phillips Getschow	20020	N/A	N/A
Code Category: 1SI04004S	NA	Phillips Getschow	2668	N/A	N/A

\_\_\_\_\_

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 46 of 50)

1.	Owner	Exelon Gen	eration Co., L (N	LLC, 300 Exelon Way, Kennett Square PA 1 Name and Address of Owner)	9348
2.	Plant	Braidwood	Station, 3510 (	00 S. Rt. 53, Suite 84, Braceville, Illinois 60 (Name and Address of Plant)	1407
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if rec	juired) N/A
5.	Commercial Se	rvice Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Safety Injection System (SI)

Ξ

. ..

. . . . . .

Component or Appurtenance		Manufacturer or Instailer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
Code Category: 1SI04005S	NA	Phillips Getschow	16672	N/A	N/A	
Code Category: 1SI04007S	NA	Phillips Getschow	20084	N/A	N/A	
Code Category: 1SI04016S	F-A	Phillips Getschow	16732	N/A	N/A	
Code Category: 1SI04017S	F-A	Phillips Getschow	5395	N/A	N/A	
Code Category: 1SI04019S	F-A	Phillips Getschow	20089	N/A	N/A	
Code Category: 1SI04020S	F-A	Phillips Getschow	16582	N/A	N/A	
Code Category: 1SI04022S	F-A	Phillips Getschow	10235	N/A	N/A	
Code Category: 1SI04024S	F-A	Phillips Getschow	11988	N/A	N/A	
Code Category: 1SI04026S	F-A	Phillips Getschow	6416	N/A	N/A	
Code Category: 1SI04030S	F-A	Phillips Getschow	10572	N/A	N/A	
Code Category: 1SI09002S	F-A	Phillips Getschow	16607	N/A	N/A	
Code Category: 1SI09004S	F-A	Phillips Getschow	4603	N/A	N/A	
Code Category: 1SI09006S	F-A	Phillips Getschow	2088	N/A	N/A	

# Ecelon.

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

(Page 47 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
	_	(Name and Address of Owner)

2. Plant \_\_\_\_\_ Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 \_\_\_\_\_\_ (Name and Address of Plant)

 3. Plant Unit
 1
 4. Owner Certificate Of Authorization (if required)
 N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

Compone Appurten	nt or ance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: 1SI09009S	F-A	Phillips Getschow	3134	N/A	N/A
Code Category: 1SI09013S	F-A	Phillips Getschow	4014	N/A	N/A
Code Category: 1SI09015AS	F-A	Phillips Getschow	15517	N/A	N/A
Code Category: 1SI09015BS	F-A	Phillips Getschow	15511	N/A	N/A
Code Category: 1SI09020S	F-A	Phillips Getschow	7097	N/A	N/A
Code Category: 1SI09021S	F-A	Phillips Getschow	8781	N/A	N/A
Code Category: 1SI09024S	NA	Phillips Getschow	21022	N/A	N/A
Code Category: 1SI09025S	NA	Phillips Getschow	12028	N/A	N/A
Code Category: 1SI09037S	F-A	Phillips Getschow	N/A	N/A	N/A
Code Category: 1SI09038AS	F-A	Phillips Getschow	16741	N/A	N/A
Code Category: 1SI09038BS	F-A	Phillips Getschow	16742	N/A	N/A
Code Category: 1SI09039S	F-A	Phillips Getschow	8047	N/A	N/A
Code Category: 1SI09043S	F-A	Phillips Getschow	25551	N/A	N/A

### Ecelón.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 48 of 50)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
3.	Plant Unit	1       4. Owner Certificate Of Authorization (if required)       N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Safety Injection System (SI)

... ..

. ..

Component o Appurtenance	or ;e	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: F-/ 1SI16029S	-A	Phillips Getschow	14789	N/A	N/A
Code Category: NA 1SI16037S	A	Phillips Getschow	9818	N/A	N/A
Code Category: NA 1SI16038S	A	Phillips Getschow	34105	N/A	N/A
Code Category: F-, 1SI18049S	-A ·	Phillips Getschow	24407	N/A	N/A
Code Category: F-, 1SI18086S	-A ·	Phillips Getschow	N/A	N/A	N/A
Code Category: F- 1SI24012S	-A	Phillips Getschow	14827	N/A	N/A
Code Category: B- 1SI8948B (B-P)	i-P	Phillips Getschow	1SI8948B (B-P)	N/A	N/A
Code Category: B- 1SI8949B (B-P)	I-P	Phillips Getschow	1SI8949B (B-P)	N/A	N/A

# Exel©n.

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 49 of 50)

					(Page 49 01 50)	
1.	Owner	Exelon Gen	eration Co., L	.LC, Varme	, 300 Exelon Way, Kennett Square PA 19348 e and Address of Owner)	
2.	Plant	Braidwood	Station, 3510	0 S. Narr	. Rt. 53, Suite 84, Braceville, Illinois 60407 me and Address of Plant)	
3.	Plant Unit	1	4.	Ow	mer Certificate Of Authorization (if required)	N/A
5.	Commercial Se	ervice Date	7/29/88	6.	National Board Number for UnitN	N-195
7.	<b>Components</b> In	spected Pla	nt Systems Pr	essu	rized During Mode 3 (ZZ)	

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: B-P A01ZZ-000005-M04-01A	Tubeco / Phillips Getschow	N/A	N/A	N/A

and the second second

. .

# Exelón.

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 50 of 50)

#### (BACK)

8.	Examination Dates April 5, 20	<u>00</u> to	October 12, 2001		
9.	Inspection Period Identification:		Second Ins	spection Period	
10.	Inspection Interval Identification:		Second Ins	spection Interval	
11.	Applicable Edition of Section XI	1989	Addenda	No Addenda	
12.	Date/Revision of Inspection Plan:		Second Interval ISI I	Program Plan, Revision 3	

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

A summary of examinations is discussed in Section 2, with a detailed listing of examinations contained in Section 3.

14. Abstract of Results of Examination and Tests.

A summary and discussion of examination results are contained with the detailed listing of examinations provided in Section 3.

#### 15. Abstract of Corrective Measures.

A summary of corrective measures are contained with the detailed listing of examinations provided in Section 3.

We certify that a) the statements made in this report are correct, b) the examination and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable)	N/A Expir	ation Date	N/A
Date 1-3-02 20 02 Signed	<b>Exelon Braidwood Station</b>	ByBy	ul Searce
	Owner	-	

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commision issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  $\underline{T \sqcup \sqcup \sqcup uols}$  and employed by  $\underline{H s B l s l s l s l s l}$  of  $\underline{H A U T F U D C T }$  have inspected the components described in this Owner's Report during the period  $\underline{A P D U 5 2000}$  to  $\underline{O C T 0 T D C 200}$ , and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Futhermore, 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
 NB48756
 ILB 1085
 N, I, C

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

 Date JANUARY 4 2002

.

#### 4.1 NIS-1 FORMS - Period 1

As required by IWA-6000 of Section XI, this section contains the Owner's Report for Inservice Inspections, Form NIS-1, for the inservice examination of Class 1 and Class 2 pressure retaining components and their supports credited to Inservice Inspection Interval 2, Period 1.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 1 of 16)

1.	Owner	Exelon Gene	eration Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
			(Name and Address of Owner)	
2.	Plant	Braidwood	Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
			(Name and Address of Plant)	
3.	Plant Unit	1	4. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date	7/29/88 6. National Board Number for Unit N	-195

7. Components Inspected Component Cooling System (CC)

Component or Appurtenance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01CC-000002-M04-01A	Phillips Getschow	N/A	N/A	N/A

\_\_\_\_\_

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 2 of 16)

1. Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
	(Name and Address of Owner)
2. Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407
	(Name and Address of Plant)
3. Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A
J. Think Child	
5. Commercial	Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Containment Spray System (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01CS-000003-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01CS-000003-M04-01B	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01CS-000003-M04-01C	Phillips Getschow	N/A	N/A	N/A

# Exeløn.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 3 of 16)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
	-	(Name and Address of Owner)

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01CV-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01CV-000004-M04-01B	Phillips Getschow	N/A	N/A	N/A

# Frakh

**Braidwood Station Unit 1** A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 4 of 16)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348
		(Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407

- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- N/A 4. Owner Certificate Of Authorization (if required)\_\_\_\_\_ 3. Plant Unit 1
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Fire Protection System (FP)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01FP-000089-M04-02A	Phillips Getschow	N/A	N/A	N/A



Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 5 of 16)

1. (	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2. J	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
3. ]	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Instrument Air System (IA)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01IA-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01IA-000004-M04-01B	Phillips Getschow	N/A	N/A	N/A
# Exelon.

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 6 of 16)

1. Owner	Exelon Gen	eration Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
		(Name and Address of Owner)	
2. Plant	Braidwood	Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
		(Name and Address of Plant)	
3. Plant Unit	1	4. Owner Certificate Of Authorization (if require	d) N/A
5. Commercial	Service Date	7/29/88 6. National Board Number for Unit	N-195

7. Components Inspected Nitrogen System (NT)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01NT-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

# Frelm

**Braidwood Station Unit 1** A1R09 ISI Outage Report

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 7 of 16)

1.	Owner	Exelon Gen	eration Co., I	LLC, 300 Exelon Way, Kennett Square PA 19348	
			()	Maille alle Audress of Owner)	
2.	Plant	Braidwood	Station, 3510	00 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
		······································		(Name and Address of Plant)	
3.	Plant Unit	11	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date	7/29/88	6. National Board Number for Unit	N-195
7.	Components	Inspected Of	f Gas System	(OG)	

7. Components Inspected Off Gas System (OG)

Component or Appurtenance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01OG-000003-M04-01A	Phillips Getschow	N/A	N/A	N/A

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 of 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.

# Exelon.

Braidwood Station Unit 1 A1R09 ISI Outage Report

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 8 of 16)

1.	Owner	Exelon Gene	eration Co.	, LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood	Station, 35	100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1	4	4. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date	7/29/88	6. National Board Number for Unit	N-195

7. Components Inspected Process Radiation Monitoring System (PR)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01PR-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01PR-000004-M04-01B	Phillips Getschow	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

# Frakin

**Braidwood Station Unit 1** A1R09 ISI Outage Report

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 9 of 16)

1.	Owner	Exelon Gener	ation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood S	tation, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1	4. Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date	7/29/88 6. National Board Number for Unit N	-195

7. Components Inspected Process Sampling System (PS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01PS-000009-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01PS-000009-M04-01B	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01PS-000009-M04-01C	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01PS-000009-M04-01D	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01PS-000009-M04-01E	Phillips Getschow	N/A	N/A	N/A .

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 of 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.

# Exelon.

N-195

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 10 of 16)

- 1. Owner Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
- 2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)
- 3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
- 5. Commercial Service Date 7/29/88 6. National Board Number for Unit

7. Components Inspected Reactor Bldg. Equipment Drain and Vent System (RE)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01RE-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01RE-000004-M04-01B	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01RE-000004-M04-01C	Phillips Getschow	N/A *	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

Exelon

Braidwood Station Unit 1 A1R09 ISI Outage Report

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

-----

(Page 11 of 16)

1.	Owner	Exelon Gen	eration Co., I	LC, 300 Exelon Way, Kennett Square PA 19348	
			(1	Name and Address of Owner)	
2.	Plant	Braidwood	Station, 3510	0 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
			(	Name and Address of Plant)	
3.	Plant Unit	1	4.	Owner Certificate Of Authorization (if required)	N/A
5.	Commercial	Service Date_	7/29/88	6. National Board Number for Unit	N-195
7.	Components	Inspected Au	xiliary Buildi	ng Floor Drain System (RF)	

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01RF-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

# Exel©n.

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 12 of 16)

	(Tage 12 01 10)	
Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348	
	(Name and Address of Owner)	
Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407	
	(Name and Address of Plant)	

3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Residual Heat Removal System (RH)

1.

2.

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-B 1RHX-01-1RHXN1 (A HX)	Joseph Oats	2267-1E	N/A	840
Code Category: C-B 1RHX-01-1RHXN2 (A HX)	Joseph Oats	2267-1E	N/A	840
Code Category: C-H A01RH-000003-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01RH-000003-M04-01B	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01RH-000003-M04-01D	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01RH-000003-M04-01E	Phillips Getschow	N/A	N/A	N/A

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 of 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.

# Exelon.

Braidwood Station Unit 1 A1R09 ISI Outage Report

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 13 of 16)

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)	
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)	
3.	Plant Unit	1 4. Owner Certificate Of Authorization (if required) N/A	

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Essential Service Water System (SX)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01SX-000011-M04-01N	Phillips Getschow	N/A	N/A	<b>N/A</b>
Code Category: C-H A01SX-000011-M04-01P	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01SX-000011-M04-01T	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01SX-000011-M04-01U	Phillips Getschow	N/A	N/A	N/A

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 of 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.

# Exel©n.

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

 (Page	: 14	0I	10)	
·		_		

1.	Owner	Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)
2.	Plant	Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)

3. Plant Unit \_\_\_\_\_ 1 4. Owner Certificate Of Authorization (if required) N/A

5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195

7. Components Inspected Primary Containment Purge System (VQ)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01VQ-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01VQ-000004-M04-01B	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01VQ-000004-M04-01C	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01VQ-000004-M04-01D	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01VQ-000004-M04-01E	Phillips Getschow	N/A	N/A	N/A
Code Category: C-H A01VQ-000004-M04-01F	Phillips Getschow	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8 \frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 of 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.

# Exel@n.

Braidwood Station Unit 1 A1R09 ISI Outage Report

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 15 of 16)

(Pa	age	15	01	10)	
	_				

1.	Owner Exelon Generation Co., LLC, 300 Exelon Way, Kennett Square PA 19348 (Name and Address of Owner)					
2.	2. Plant Braidwood Station, 35100 S. Rt. 53, Suite 84, Braceville, Illinois 60407 (Name and Address of Plant)					
3. 5.	Plant Unit	1 ervice Date	4. Owner Certificate Of Authorization (if required)7/29/886. National Board Number for UnitN	N/A -195		

7. Components Inspected Make-Up Demineralizer System (WM)

.

. .

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Code Category: C-H A01WM-000004-M04-01A	Phillips Getschow	N/A	N/A	N/A

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 of 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.

# Exel©n.

0

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules (Page 16 of 16) (BACK)

# 8. Examination Dates <u>April 5, 2000</u> to <u>October 12, 2001</u> 9. Inspection Period Identification: <u>First Inspection Period</u> 10. Inspection Interval Identification: <u>Second Inspection Interval</u> 11. Applicable Edition of Section XI <u>1989</u> Addenda <u>No Addenda</u> 12. Date/Revision of Inspection Plan: <u>Second Interval ISI Program Plan, Revision 3</u>

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

A summary of examinations is discussed in Section 2, with a detailed listing of examinations contained in Section 3.

14. Abstract of Results of Examination and Tests.

A summary and discussion of examination results are contained with the detailed listing of examinations provided in Section 3.

15. Abstract of Corrective Measures.

A summary of corrective measures are contained with the detailed listing of examinations provided in Section 3.

We certify that a) the statements made in this report are correct, b) the examination and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable)	N/A Expiration	ion Date <u>N/A</u>
Date $(-3-02)$ 20 02 Signed	Exelon Braidwood Station	_ By _ Muchuel & Seer
	Owner	

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commision issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  $\boxed{\Box \sqcup \sqcup \otimes \otimes S}$  and employed by  $\underbrace{\Box \boxtimes B \cup S}_{arrow}$  of  $\underbrace{\Box \sqcup \otimes \otimes S}_{arrow}$  have inspected the components described in this Owner's Report during the period  $\underbrace{\Delta PIZ \sqcup S}_{2000}$  to  $\underbrace{\Box \sqcup \otimes B \sqcup S}_{arrow}$ , and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Futhermore, 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.

L. huen	Commissions NB* 8756 IL= 1085 N,1,C
Inspector's Signature	National Board, State, Province, and Endorsements
Date AANUARY 4 2002	-

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 of 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.

Braidwood Station Unit 1 A1R09 ISI Outage Report

# 5.0 REPORT OF CONTAINMENT DEGRADATION

The Nuclear Regulatory Commission (NRC) has amended its Code of Federal Regulations (10CFR 50.55a) to incorporate by reference the 1992 Edition with the 1992 Addenda of Subsection IWE (Requirements for Class MC and Metallic Liners of Class CC Components of Light-Water Cooled Power Plants) and Subsection IWL (Requirements for Class CC Components of Light-Water Cooled Power Plants) of ASME Section XI, Division 1, with specified modifications and a limitation noted. This segment is included in the Inservice Inspection Summary report required by IWA-6000 of ASME Section XI to meet the reporting conditions specified in 10CFR 50.55a(b)(2)(viii)(A)-(E) and 10CFR 50.55a(b)(2)(ix)(A)-(E).

## 5.1 Containment Post Tensioning System Surveillance

Braidwood Station has completed the examinations and tests for the Units 1 and 2 ASME Class CC Post Tensioning Systems in accordance with ASME Section XI, 1992 Edition / 1992 Addenda and the NRC Code of Federal Regulations, 10CFR 50.55a. The examinations and tests performed were for the 15<sup>th</sup> year post tensioning surveillance. In accordance with ASME Section XI, IWL-2421, the examination requirements were modified. The Braidwood units are identical in design, the post tensioning system operations were completed not more than 2 years apart, and both containment structures are similarly exposed to and protected from the environment. During initial construction the first Unit 1 tendon stressing was completed on 10/30/81 and the last Unit 1 tendon was stressed on 03/23/83. During initial construction, the first Unit 2 tendon was stressed on 05/02/82 and the last Unit 2 tendon was stressed on 11/10/82. The requirements specified in ASME IWL -2524 and IWL-2525 were met for the Unit 1 Post Tensioning system. The requirements specified in ASME IWL -2523, IWL-2524, and IWL-2525 were met for the Unit 2 Post Tensioning system. NRC Regulatory Guide 1.35.1 (July 1990) was used to determine predicted forces. The procedure implemented for the 15<sup>th</sup> year surveillance is ER-AA-330-006, Revision 0, "Inservice Inspection and Testing of the Pre-Stressed Concrete Post Tensioning Systems". The procedure developed to meet the ASME Code and 10CFR criteria.

In addition to the scheduled surveillance, augmented tests and inspections were completed:

One of the horizontal and vertical tendons removed to support the Unit 1 Steam Generator Replacement Project was selected for examination and force measurement. The steam generator replacement project was completed in the fall of 1998. The tendon identifiers are V160 and H40CB. These tendons were selected in addition to the sample population specified in Table IWL-2521-1.

Unit 1 Tendon H65CB was selected for examination and force measurement. This tendon was examined and tested to verify no structural damage occurred as a result of it being disturbed when drilling equipment entered the sheathing duct during the installation of an elevator in support of the Unit 1 Steam Generator Replacement Project. This tendons was selected in addition to the sample population specified in Table IWL-2521-1.

Unit 2 Tendons V217, V236, V249, and H04ED were subjected to visual examination, force measurement, detensioning, wire removal, and wire testing. Horizontal tendon H04ED was subjected to a wire continuity test. These tendons have a history of free water accumulation. These are the worse case tendons for free water at Braidwood. The augmented examinations and tests were performed to determine if the free water is causing corrosion or other degradation of the post tensioning systems. These tendons were selected in addition to the sample population specified in Table IWL-2521-1.

An additional sample of the grease cans installed on tendons located below grade elevation (401') in both units were removed. Visual examinations were performed and sheathing filler grease samples were collected. Free water was collected where present and quantities that were sufficient for analysis were

subjected to testing for ph level. These tendons were selected in addition to the sample population specified in Table IWL-2521-1.

#### Criteria:

## 10 CFR 50.55(a) (viii) (A)

Grease caps that are accessible must be visually examined to detect grease leakage or grease cap deformations. Grease caps must be removed for this examination when there is evidence of grease cap deformation that indicates deterioration of anchorage hardware.

#### Discussion:

All grease caps installed in the Braidwood Units 1 and 2 post tensioning systems were visually examined. There is no evidence of deformation. Grease leaks were repaired on four Unit 1 dome tendon caps and two Unit 1 vertical tendon caps. Grease leaks were repaired on four Unit 2 dome tendon caps. The cause of the leakage was either loose bolting or improper gasket installation. Grease loss was insignificant.

#### Criteria:

#### 10 CFR 50.55a (b)(2)(viii) (B)

When evaluation of consecutive surveillances of prestressing forces for the same tendon or tendons in a group indicated trend of prestress loss such that the tendon force(s) would be less than the minimum design prestress requirements before the next inspection interval, an evaluation must be performed and reported in the Engineering Evaluation Report as prescribed in IWL-3300.

#### Discussion:

A regression analysis has been completed for Braidwood Units 1 and 2. Based upon the physical testing results obtained during the 2001 inspection and past inspections, the prestress forces for the post tensioning systems in Braidwood Units 1 and 2 will exceed the minimum design forces at the next inspection interval and beyond.

#### Criteria:

#### 10 CFR 50.55a (b)(2)(viii) (C)

When the elongation corresponding to a specific load (adjusted for effective wires or strands) during retensioning of tendons differs by more than 10 percent from that recorded during the last measurement, an evaluation must be performed to determine whether the difference is related to wire failures or slip of wires in anchorage. A difference of more than 10 percent must be identified in the ISI Summary Report required by IWA-6000.

#### Discussion:

There was no instance where the difference between the elongation recorded during the last measurement and the elongation recorded during the 15th year inspection was more than 10 percent. The maximum difference observed was minus 4.40 percent.

#### Criteria:

#### 10CFR 50.55(a) (b)(2)(viii) (D)

The licensee shall report the following conditions, if they occur, in the ISI Summary Report required by IWA-6000:

(1) The sampled sheathing filler grease contains chemically combined water exceeding 10 percent by weight or the presence of free water;

(2) The absolute difference between the amount removed and the amount replaced exceeds 10 percent of the tendon net duct volume;

(3) Grease leakage is detected during general visual examination of the containment surface;

Discussion:

(1) Free water was collected from one Unit 1 tendon anchorage. Free water was collected from ten locations in Unit 2. The moisture content exceeded 10 percent by weight chemically combined water at one location. Table 1 provides the identifiers, quantity of free water collected, moisture content, and ph level of sample: (\* Indicates insufficient quantity for testing)

				~ ~	. 1. T
Tendon	Tendon	End	Quantity	%	pn Level
Group	Identifier		Collected	Moisture	
Dome	D137	Shop	60 ounces	1.2 %	8.84
Dome	D438	Shop	1 ounce	3.5%	*
Dome	D438	Field	596 ounces	11 %	10.49
Horizontal	H04ED	Field	1 ounce	0.38%	*
Horizontal	H04ED	Shop	2 ounces	0.38%	*
Horizontal	H05ED	Shop	52 ounces	1.9 %	12.29
Horizontal	H05FE	Field	64 ounces	0.62 %	12.31
Horizontal	H06FE	Field	40 ounces	1.1 %	11.57
Horizontal	H06FE	Shop	1 ounce	0.22%	*
Vertical	V217	Shop	0.5 ounce	0.76%	*
Vertical	V217	Field	36 ounces	8.5%	7.03
	Tendon Group Dome Dome Horizontal Horizontal Horizontal Horizontal Horizontal Vertical Vertical	TendonTendonGroupIdentifierDomeD137DomeD438DomeD438HorizontalH04EDHorizontalH04EDHorizontalH05EDHorizontalH05FEHorizontalH06FEHorizontalH06FEVerticalV217VerticalV217	TendonTendonEndGroupIdentifierDomeD137ShopDomeD438ShopDomeD438FieldHorizontalH04EDFieldHorizontalH04EDShopHorizontalH05EDShopHorizontalH05FEFieldHorizontalH06FEFieldHorizontalH06FEShopVerticalV217ShopVerticalV217Field	TendonTendonEndQuantityGroupIdentifierCollectedDomeD137Shop60 ouncesDomeD438Shop1 ounceDomeD438Field596 ouncesHorizontalH04EDField1 ounceHorizontalH04EDShop2 ouncesHorizontalH05EDShop52 ouncesHorizontalH05FEField64 ouncesHorizontalH06FEField40 ouncesHorizontalH06FEShop1 ounceVerticalV217Shop0.5 ounceVerticalV217Field36 ounces	Tendon GroupTendon IdentifierEnd CollectedQuantity MoistureDomeD137Shop60 ounces1.2 %DomeD438Shop1 ounce3.5%DomeD438Field596 ounces11 %HorizontalH04EDField1 ounce0.38%HorizontalH04EDShop2 ounces0.38%HorizontalH05EDShop52 ounces1.9 %HorizontalH05FEField64 ounces0.62 %HorizontalH06FEShop1 ounce0.22%VerticalV217Shop0.5 ounces8.5%

(2) The quantity of sheathing filler grease replaced versus that removed did not exceed 10 percent of the net duct volume of the tendon at any location.

(3) There was no detection of grease leakage through the concrete at any location.

Evaluation Of Conditions That Did Not Meet Acceptance Standards:

Acceptance Standards Not Met: Presence of Free Water and Moisture Content Exceeding 10% By Weight.

## Cause of the condition which does not meet the acceptance standard

The free water intrusion is caused by small leak paths through the structure. For tendons located below grade level (401'), ground water intrusion is the source. The tendons from which free water was collected that are located below grade are H04ED, H05ED, H06FE, and the field end of V217. The dome tendons and the shop end of tendon V217 are located above grade elevation in the upper areas of the containment structures (approximately 570' elevation). The source of leakage for the tendons above grade is suspected to be moisture from the elements entering through small cracks in the structure.

The acceptability of the concrete containment without repair of the item:

The containment post tensioning systems and the concrete containment structures are acceptable as is. The following provides technical justification for this conclusion:

Braidwood Station Unit 1 A1R09 ISI Outage Report

Visual examinations (VT-1) were performed on all accessible anchorage hardware in the as found condition. There was no evidence of active corrosion or other degradation that may have been caused by the free water. All components were completely covered in sheathing filler grease in the as found condition.

Certain tendons located below grade level (401') have a history of free water intrusion. The worse case tendons were subjected to augmented examinations and tests. These tendons are installed in the Unit 2 post tensioning system. The specific vertical tendons are V217, V236, and V249. The specific horizontal tendon is H04ED. The following summarizes the tests performed and the results:

Force measurement tests (lift off tests) were performed. All force measurement tests were acceptable. The predicted forces were exceeded in all tests.

The tendons were detensioned. The components located behind the anchorage (wire bundle, back of the anchor head, inside portions of the shim, trumpet, etc.) which are not accessible for visual examination with the tendon in the stressed condition were examined. Personnel certified to the VT-1 Method performed the examinations. The components were identified as completely covered in grease in the as found condition. The grease was removed and a visual examination was performed. There is no evidence of active corrosion or other degradation that may have been caused by the presence of free water.

A wire was removed from each vertical tendon. Two wires were removed from the horizontal tendon. The wires were examined for the entire length. No corrosion or pitting was identified. No reduction in wire diameter was identified. A wire from each tendon was subjected to physical testing in accordance with ASME IWL-3221.2 (b). The results were acceptable and met all criteria for the wire installed in the Braidwood post tensioning systems (ASTM A421 Type BA).

Unit 2 Dome tendon D438 was scheduled for a force measurement (lift off) test. During this test, the shims were removed and the components not accessible in the stressed condition (anchorage components and wire bundle) were visually examined. This is the first time the grease cans were removed since initial construction. The components were identified as completely covered in grease in the as found condition. The grease was removed to the extent practical and a visual examination was performed. There is no evidence of active corrosion or other degradation that may have been caused by the presence of free water.

Horizontal tendon H04ED was subjected to a wire continuity test. All wires that were protruding or unseated were verified to be continuous for the length of the tendon. The grease installed in the Braidwood post tensioning systems is Viscosity Oil 2090P-4 Nuclear Grade Casing Filler. It will maintain its film integrity where heavy moisture encroachment into the system exists. The post tensioning system will remain protected from corrosion provided the components remain coated in the sheathing filler.

The grease was drained to the extent practical from the vertical tendons V217, V236, and V249. The grease was replaced. The grease surrounding the accessible anchorage components on the horizontal and dome tendons was replaced.

Whether or not repair or replacement is required and, if required, the extent, method, and completion date for the repair or replacement.

No repair or replacement is required. Based upon the results of the augmented inspections and tests, the presence of free water in all identified tendons and the excessive moisture content in the grease sample for dome tendon D438 does not warrant repair or replacement. However, the coating on the domes for both Units is being replaced. This work is scheduled to be completed by 11-01-2001.

Extent, nature, and frequency of additional examinations.

The next Braidwood post tensioning surveillance is scheduled to be performed in the spring and summer of 2006. Additional dome tendon grease caps will be removed at this time to determine the extent of the presence of free water in this tendon group. The grease cans will be removed from vertical and horizontal tendons located below grade that have a history of the presence of a significant quantity of free water (> 20 ounces). Visual examinations will be performed. Grease and free water samples will be chemically analyzed in accordance with ASME IWL-2525.1.

#### Criteria:

ASME Section XI IWL-3221.1 Tendon Force. Tendon forces are acceptable if:

(a) The average of all measured tendon forces, including those measured in IWL 3221.(b) (2), for each type of tendon is equal to or greater than the minimum required prestress specified at the anchorage for that type of tendon;

(b) The measured force in each individual tendon is not less than 95% of the predicted force unless the following conditions are satisfied:

- 1. The measured force in not more than one tendon is between 90% and 95% of the predicted force;
- 2. The measured forces in the two tendons located adjacent to the tendon in IWL-3221.1(b)(1) are not less than 95% of the predicted forces; and
- 3. The measured forces in all remaining tendons are not less than 95% of the predicted force.

#### Discussion:

The force measurements for all tendons subjected to testing were acceptable. All results exceeded the predicted forces.

#### Criteria:

ASME Section XI IWL-3221.2 Tendon Wire or Strand Samples. The condition of the wire or strand samples is acceptable if:

(a) Samples are free of physical damage;

(b) Sample ultimate tensile strength and elongation are not less than the minimum specified values.

#### Discussion

All wire samples met the acceptance standards. All were free from physical damage. No corrosion or pitting was identified. The results of the physical testing met all criteria for the wire installed in the Braidwood post tensioning systems. The wire is ASTM A421 Type BA.

#### Criteria:

ASME Section XI IWL 3221.3 Tendon Anchorage Areas.

The condition of the tendon anchorage areas is acceptable if:

- (a) There is no evidence of cracking in anchor heads, shims, or bearing plates;
- (b) There is no active corrosion

(c) Broken or unseated wires, broken strands, and detached button heads were documented and accepted during a preservice examination or during a previous inservice examination;

(d) Cracks in the concrete adjacent to the bearing plate do not exceed 0.01 in. in width.

#### Discussion

No evidence of cracking in the anchor heads, shims, or bearing plates was identified. No active corrosion was identified. No cracks in the concrete adjacent to the bearing plates exceeded 0.01" in width. There were two instances where acceptance standard IWL-32221.3 (c) was not met. The affected tendons are Unit 1 horizontal tendon H34AC and Unit 2 horizontal tendon H04ED.

## Cause of the condition which does not meet the acceptance standard:

Tendon H34AC: One button head was documented as split during construction. The button head was not repaired during construction and was not considered as an effective wire during the preservice exam. The wire was identified as missing during the 2001 inservice exam. The cause is the split at the end of the wire failed and the wire has receded into the anchor head. The grease and grease can were searched to determine if the button head had separated from the wire. It was not located. This is not a case where the quantity of effective wires has changed. The difference is the split wire is now recessed in the anchor head.

Tendon H04ED: Tendon H04ED was detentioned. During the detensioning process, one additional buttonhead was discovered to be missing. The cause was the button head was split or undersized during construction and slipped during the detensioning process. The grease and grease can was searched to determine if the button head had separated from the wire. It was not located.

## The acceptability of the concrete containment without repair of the item:

The containment tendons, post tensioning systems, and containment structures are acceptable as is without repair of these items. The following provides technical justification for this conclusion:

No service induced degradation was identified on either tendon. No active corrosion was identified. The cause of both indications appears to be construction related. One additional missing wire does not challenge the integrity of the tendon. Tendon H04ED was subjected to physical testing. The results of the force measurement and wire testing were well within the acceptance standards. These are considered isolated cases and do not have generic implications on the remainder of the tendons in the post tensioning systems.

# Whether or not repair or replacement is required and, if required, the extent, method, and completion date for the repair or replacement.

Repair or replacement is not required for either indication. There is no evidence of degradation that warrants repair or replacement. Tendon H04ED met all acceptance standards for physical testing. Both tendons will maintain the required prestress force in the existing condition.

## Extent, nature, and frequency of additional examinations.

No additional examinations are required as a result of the identification of these conditions. These conditions are considered as isolated cases and do not warrant augmented or additional examinations on the remainder of the post tensioning systems.

#### Criteria:

ASME Section XI IWL 3221.4 Corrosion Protection Medium.

Corrosion protection medium is acceptable when the reserve alkalinity, water content, and soluble ion concentrations of all samples are within the limits specified in Table IWL-2525-1.

With exception of the moisture content in the sample exceeding 10 percent by weight for tendon D438, the acceptance standards as specified in IWL 3221.4 were met for all samples. The indication which exceeded the acceptance standard for tendon D438 is evaluated in a previous section of this report.

#### **Conclusion:**

The Braidwood Units 1 and 2 post tensioning systems are acceptable and will continue to perform as designed until the next inservice inspection and beyond.

## 5.2 Containment Concrete Surveillance

Braidwood Station has completed the visual examination of Units 1 and 2 ASME Class CC containment structures in accordance with ASME Section XI, 1992 Edition / 1992 Addenda and the NRC Code of Federal Regulations, 10CFR 50.55a. The examinations were performed in accordance with Exelon procedure ER-AA-330-005, Revision 0, "Visual Examination of Section XI Class CC Concrete Containment Structures". The procedure was developed to meet the ASME Code and 10CFR criteria. The following specifies the criteria and discussion addressing the requirements as applied to the Braidwood 2001 inspections:

#### Criteria:

ASME Section XI, 1992 Edition, 1992 Addenda, IWL 3211: "The condition of the concrete surface is acceptable if the Responsible Engineer determines that there is no evidence of damage or degradation sufficient to warrant further evaluation or repair".

#### Discussion:

The condition of the surface of the Braidwood Units 1 and 2 containment structures is acceptable. There is no evidence of damage or degradation sufficient to warrant further evaluation or repair. No condition that challenges the structural integrity of either containment structure was identified. However, 29 indications were identified that require additional actions. In order to ensure these indications do not create conditions where structural degradation may occur, they are being addressed through cosmetic repair or additional examinations.

#### Criteria:

ASME Section XI, 1992 Edition, 1992 Addenda, IWL 3212:

"Items with examination results that do not meet the acceptance standards of IWL -3211 shall be evaluated as required by IWL-3300.

IWL-3300 "Evaluation":

Items with examination results that do not meet the acceptance standards of IWL-3100 or IWL-3200 shall be evaluated by the Owner. The Owner shall be responsible for the preparation of an Engineering Evaluation Report stating the following:

Braidwood Station Unit 1 A1R09 ISI Outage Report

- (a) the cause of the condition which does not meet the acceptance standards;
- (b) the acceptability of the concrete containment without repair of the item;
- (c) the acception of the replacement is required and, if required, the extent, method, and completion date for the repair or replacement.
- (d) extent, nature, and frequency of additional examinations.

÷

#### Discussion:

Based upon RPE review of the examination results, the 29 indications identified require cosmetic repair and / or additional examinations. Although the containment has been determined to be structurally sound in the as found condition and no structural condition was identified that warrants further evaluation or repair, the 29 indications have been addressed.

#### Criteria:

NRC Code of Federal Regulations: 10CFR 50.55a (b)(2)(viii) (D), the licensee shall report the following conditions, if they occur, in the ISI Summary Report required by IWA-6000:

- (1) The sampled sheathing filler grease contains chemically combined water exceeding 10 percent by weight or the presence of free water;
- (2) The absolute difference between the amount removed and the amount replaced exceeds 10 percent of the tendon net duct volume;
- (3) Grease leakage is detected during general visual examination of the containment surface.

#### Discussion:

Criteria (1) and (2) pertain to the post tensioning system and are not applicable to the concrete examination activities (see Section 5.1 of this report). For item (3), no grease leakage through the containment surface was detected during the examinations. Grease residue from leaking grease caps and spills that occurred during construction, post tensioning surveillance activities, and Unit 1 steam generator replacement were identified. The grease cap leaks were repaired. The concrete within and around the areas where grease residue exists is sound with no indication of degradation that would indicate a leak path of sheathing filler grease from the post tensioning systems.

#### Criteria:

NRC Code of Federal Regulations, 10CFR 50.55a (viii) (E): For Class CC applications, the licensee shall evaluate the acceptability of inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. For each inaccessible area identified, the licensee shall provide the following in the ISI Summary Report required by IWA-6000:

- (1) A description of the type and estimated extent of degradation, and the conditions that led to the degradation;
- (2) An evaluation of each area, and the result of the evaluation, and;
- (3) A description of necessary corrective actions.

#### **Discussion:**

Exeldon

Braidwood Station Unit 1 A1R09 ISI Outage Report

Based upon evaluation of the examination results, no conditions were identified in accessible areas that indicate the presence of degradation in inaccessible areas. The indications previously identified are not structurally significant and do not warrant evaluation or corrective actions for surfaces located in inaccessible areas.

#### Conclusion

The Braidwood Units 1 and 2 Containment structures are sound with no evidence of structural degradation sufficient to warrant further evaluation or repair. However, the 29 cosmetic repairs previously mentioned must be completed. Completion of these cosmetic repairs and inspections will ensure the cosmetic indications that were identified will be monitored and addressed.

#### 5.3 IWE General Visual Exam and VT-3

A general visual examination of Class MC and metallic liners of Class CC components was performed prior to and during Refuel Outage A1R09. There were no flaws identified that reduced the nominal thickness of the liner plate by more than 10%. All flaws were acceptable.

There was also a VT-3 examination of the containment basemat moisture barrier performed during Refuel Outage A1R09. There were no indications found.

# 6.0 NIS-2 FORM (OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS)

# **SUMMARY OF NIS-2 FORMS**

System	ASME Code	Classification
System.	Code Class 1	Code Class 2
Containment Spray (CS)	-	1
Chemical & Volume Control (CV)	-	8
Main Steam (MS)	-	7
Residual Heat Removal (RH)	-	6
Reactor Pressurizer (RY)	3	-
Steam Generator Blowdown (SD)	-	2
Safety Injection (SI)	-	3
Total	3	27

Total NIS 2 Forms - 30 Total Pages - 64

See Attached NIS 2 Forms for reference

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

1.	Owner	Commonwealth Edison	Company		Date4	-9-	01	
••		a Stat Mational Plaze	Name Chicano II 60690	I	Sheet 1	_ of		
		One First National Flaze	Address		 Linit 0.6			
2	Plant	Bra.cwood Nuclear Pow	ver Station					
4.			Name	•				No. etc.
		R.R Box 84, Bracevil	Address			Repair Of	ganization P C NO. JOD	140., Ch2
					Type Code Sy	mbol St	amp <u>Not A</u>	pplicable
З.	Work Pe	formed by <u>Mechan</u>	Cal Maintenance		Authorization	Number	Not A	pplicable
			aceville, IL 60407		Expiration Date			
			Address ·	PAAR CS	ADS CHECK	VAL	IE	
4.	Identifica	ition of SystemC	5008-	STARE CS	000		. /.	_
			· complexa	19 74 E	jition. <u>S 25</u> Ad	idenda, _	<u>~/A</u> Cod	e Case <sup>.</sup>
5.	(a) App	blicac e Construction Coo	A XI Utilized for Repa	irs c' Replacement	1989			
	(b) Apr	Dicacle Edition of Section						
c	Identific	ation of Components Rep	paired or Replaced a	nd Replacement Cor	mponents			
0.	IUEIIIIIC					T	1	
			Manufacturar	National	Other	Year	Repaired.	ASME
	Name of	Name of	Serial No.	board	Identification	Built	Replaced.	Stamped
	Componei	nt Manuacidiei	Condition	No.		1	Replacement	(Yes or No)
						<u> </u>	Перівсеннен	NO TO
				alla	5/11 N-2021	NA	REPLACED	YES
	2611	OEM	NA	/H	UTC 2041537	+	1	NO TIM
		ATWOOD \$	5. 1-8. 100	NIA	HT# 9963 AIN 1589	1999	REPLACE MENT	451 4-40
	DISC_	MORRILL	7N L-130-LISS					
		· ·						
						_L		
			<u> </u>	01	CRADE CSONR	VAL	16 /N 2971	
7	Descrip	tion of Work _/CEPL	ACED DISC	PLATES IN	STARE COUL			
	-				minal Operating Pressure			
8	. Test Co	onductes: U Hy	drostatic L Fil				-	
			her: Pressi	ure	psi Test Temp		- <sup>v</sup> F	``
/			c C		• • •		· +- ((-·	+)
- 1	Tests	to be per.	tormely a	t Byron	Station at	re - 1	INSIGUE	I TON I
L		•		drawings may be ii	sed, provided (1) size is 8	-1/2 m ×	: 11 in., (2) informa	tion in items 1 throw
١	Note: Sup	plemental sheets in form	of lists, sketches, of	) each sheet is num	bered and the number of	sheets is	recorded at the to	p of this form.
	6 of	this report is included of	n each sheet, and (S	,				

2/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

## FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports	to be attached
- 	
CERTIFICATE OF COM	PLIANCE
) <b>G</b>	-4
We certify that the statements made in the report are correct and this	conforms to the rules of the ASME Code, Section XI.
(Repair or Rec	ASCEMENT)
Type Code Symbol Stamp Not required	
Certificate of Authorization No. Not require	Expiration Date
	Alg loi
Sim Dil Change Di	Date 4/9/01 18 2001
Orginer or Owner's Designee. Title	
	EINSPECTION
CERTIFICATE OF INSERVIC	
I, the undersigned, holding a valid commission issued by the National Boa	rd of Boiler and Pressure Vessel Inspectors and the State Of
of JLL nois and employed by HSTBI 1 2	o. of Hantfors CT.
have inspected the components described in this Owner's Report during the pe	
and state that to the best of my knowledge and belief, the Owner has performed examina	itions 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 a	ny warranty, expressed or implied, concerning the examinations or the laspector por his employer shall be liable in any manner for
and corrective measures described in this Owner's Report. Furthermore, neuro any personal injury or property damage or a loss of any kind arising from or col	nnected with this inspection.
	124 1085
Inspector & Signature	National Board, State, Province, and Endorsements
Date 4-9- 72001	

(12/82)

.

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

•	Owner Con One	nmonwealth Edison <u>e First National Plaze</u> idwood Nuclear Pow	Company Name Chicago, IL 60690 Adress er Station	)	Date Sheet1 UnitI	7/5/ _ of	2	
۷.		1 Box 84. Bracevil	Name le. IL 60407 Address		Type Code S	Repair Of	1 3 8 5 - 0 1 rganuzation P 0 No., Jot amp <u>Not A</u>	o No., etc. Applicable
3.		Braidwood Nuclea R.R. 1 Box 84, Bra	r Power Station		Authorization Expiration Date	Number	Not A	Applicable Applicable
4 5. 5.	Identification (a) Applicat (b) Applicat Identification	or System ole Construction Cod ole Edition of Section of Components Rep	e ASME SECT III. XI Utilized for Repa	A 19 14 E	dition. <u> </u>	ddenda.	<u>N/A</u> Cod	e Case
	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)
D	RIVE SHOFT	OEM	N/A	N/A	M-64-36	NA	REPLACED	NO
De	UVE SHAFT	NOVA	NA	N/A	QRI 47127 HT CODE RET	01	REPLACEMENT	NO
	RIVE SHAFT	NOVA	N/4	N/A	QRI # 47127 HT CODE C199	01	REPLACEMENT	NO

7 Description of Work REPLACED (4) DRIVE SHAFT BOLTS

3. Test Conducted: 
Hydrostatic 
Pneumatic 
Nominal Operating Pressure
VT 2 Not Regulated
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 throu 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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

FORM NIS-2 (Back)

.

	Remarks	Applicable Manufacturer's Data Reports to be attached
		1 1 1 1 0 0 1/2 mile Marking Part Part - RPT *11927/11929
	Attachement	5. Certificate of Complance - MUR MANNET MULTIP 110-
		Material Certification - Cytomp Specialty Steel-RPT-118237(2)
		Captificate of Compliance - VISUAL EXAM - NOVA (2)
		CERTIFICATE OF COMPLIANCE
	We certify that the staten	tents made in the report are correct and this <u><u>AcolAcement</u></u> conforms to the rules of the ASME Code, Section XI
Ŧνι	ne Code Symbol Stamp	Not Applicable
Ce	rtificate of Authorization No	Not Applicable Expiration Date Not Hpplicable
Sig		CADancel Date 7/5/01 . 18
		CERTIFICATE OF INSERVICE INSPECTION
	the undersioned.	holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of
	Province	of WarziFores, CT
	have inspected the com	ponents described in this Owner's Report during the period 1-31-00 100 1-9-91
	and state that to the best of my kr	lowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner
:	Report in accordance w By signing this cer and corrective measure any personal injury or p	inficate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations of the imployer shall be liable in any manners described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manners roperty damage or a loss of any king arising from or connected with this inspection.
		Commissions IL-+ LoBS
•	- marine	Inspector s Signature National Board, State, Province, and Endorsements
-		

(12/82)

٠

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

	O	Company		Date	6/1/01	L	
Owner	Commonwealth Edison	Name P Chicago II 6069	0	Sheet 1	of		
Plant	Braidwood Nuclear Pov	Address ver Station	· · · · · · · · · · · · · · · · · · ·	UnitI			
·	R.R. 1 Box 84, Bracevil	Name le, IL 60407		WRAC	Repair Orga	1381-0	OD NO., etc.
Work P	erformed by <u>Mechan</u> Braidwood Nuclea R.R. 1 Box 84. Bri	Ical Maintenance In Power Station aceville, IL 60407		Type Code Authorizatio Expiration Date	Symbol Star on Number	np <u>Not</u> Not	Applicable Applicable Applicable
Identific	ation of System	Address	M & VOLU	ME CONTR	oL		
(a) Ap (b) Ap	oplicable Construction Cooplicable Edition of Section	de <u>ASME SECTUR</u> n XI Utilizea for Repa	E2 :9 14 Edil	ion. <u>~~/16</u>	Addenda	<u>N/A</u> Co	xde Case
Identific	cation of Components Rep	baired or Replaced a	ng Replacement Com	ponents			
	f Name of	Manufacturer	National	Other	Year	Repaired.	ASME

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	rear Built	Replaced, Replaced, or Replacement	Code; Stamped (Yes or No)
DRIVE SHAFT	OEM	N/A	NA	M-64-36	AIA	REPLACED	NO
DRIVE SHAFT BOLTS	NOVA	HT CODE C 199	NA	07000255944 QC*46740	1/82	REPLACEMENT	NO

# 7 Description of Work REPLACED (4) DRIVE SHAFT BOLTS

.

3.	Test Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Press	ure	
	Not Required	Other:	ب/رPressure	<u>д                                    </u>	Test Temp	/A	°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 throu 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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

•	FORM NIS-2 (Back)
э.	Remarks <u>Cert. of Compliance/Conformance (CofC) # 0 000011695 Attached</u> <u>Loopingadie Visivitacines Data Report (CMTR) #118239 Attached</u>
	Cert. of Compliance to Visual EXAM date 3/4/01 Attached
<u> </u>	CERTIFICATE OF COMPLIANCE
Ty; Ce	pe Code Symbol Stamp
Sig	gned Date Date $\frac{1}{0}$
;	CERTIFICATE OF INSERTOR END IN THE National Board of Boiler and Pressure Vessel Inspectors and the State of
	Province of ILLINGIS and employed by HST31 :1 C of HARTFORD CT.
	have inspected the components described in this Owner's Report during the period
	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 king arising from or connected with this inspection.
į	Commissions Te ISBE National Board, State, Province, and Endorsements
:	inspector's Signature
2	

(12/82)

.

\*

'.

•

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

Owner       Commonwealth Edison Company					Date "1	1.21	100	
One First National Plaze       Chicago, IL 60690       Sheet 1 of         Assess       Unit 1         Plant       Braktwood Nuclear Power Station       Unit 1         Name       Name       Name         R 1 Box 84, Bracevile, IL 60407       Nortest       Nortest         Nortest       Name       Nortest       Nortest         Work Performed by       Mechanical Maintenance       Type Code Symbol Stamp       Not Applicable         Braidwood Nuclear Power Station       R 1 Box 84, Bracevile, IL 60407       Not Applicable       Not Applicable         Work Performed by       Mechanical Maintenance       Authorization Number       Not Applicable         Braidwood Nuclear Power Station       Rest Code Symbol Stamp       Not Applicable         Identification of System       C.V ~ CHEM & UCLOME. CON TROL       Not Applicable         Identification of System       C.V ~ CHEM & UCLOME. Con TROL       Addenda.       N/A         Identification of Components Repaired or Replaced and Replacement 1999       Identification Built Replaced, Code Case       No.         Name of       Name of       Manufacturer       National       Other       Year       Replaced, Code Case         Noutestaver       No.       No.       Replaced, Code Case       No.       Other       Year	Owner Ca	mmonwealth Edisor	Company		- Date			
Non-control       Norma       Unit       1         Plant       Braidwood Nuclear Power Station       Unit       1         Name       Name of       Manufacturer       Name of	0	e Eirst National Plat	e. Chicago. IL 6069	0		of		
Plant       Braidwood Nuclear Power Station	0		Accress		Unit 1			
R.R. 1 Box 84, Braceville, IL 60407       UVR       UVR       UVR       UVR       UVR       Not       Received Organization P 0, No., act No., set         Work Performed by       Mechanical Maintenance       Type Code Symbol Stamp       Not Applicable         Brakowood Nuclear Power Station       R. 1 Box 84, Braceville, IL 60407       Expiration Date       Not Applicable         Identification of System       C.V CHEM & UCLOME       CONTROL       Not Applicable         (a) Applicable Construction Code Sect TIIL & Z       19.14       Edition.       M/16       Addenda.       M/a       Code Case         (b) Applicable Construction of Section XI Utilized for Repairs = Replacement1999       Identification of Components Repaired or Replaced and Replacement1999       Not Replaced, Code Case         Name of       Name of       Manufacturer       National       Other       Year       Replaced, Code Case         Nouries SHAFT       OEM       Manufacturer       Not       Not       Replaced, Code Case       Stamp         Nouries SHAFT       OEM       Applicable       Applicable       Manufacturer       Not       Replaced Case       Not         Name of       Name of       Manufacturer       National       Other       Year       Replaced, Code         Nouris Set A FT       OEM       <	Plant B:	aidwood Nuclear Po	wer Station			Q Q m	- 91-77-0	l
Normal       Type Code Symbol Stamp       Not Applicable         Work Performed by       Mechanical Maintenance       Authonzation Number       Not Applicable         Braktwood Nuclear Power Station       R.E. 1 Box 84, Bracevile, IL 60407       Expiration Date       Not Applicable         Aborest       Nor Applicable       Nor Applicable       Nor Applicable       Nor Applicable         Identification of System       C.V C.HEM & UOLOME       Con TRoll       Nor Applicable         (a)       Applicable Construction Code SectTIIL @ Z       19.14       Edition.       V/1 (c)       Addenda.       N/A       Code Case         (b)       Applicable Edition of Section XI Utilized for Repairs :       Replacement       1989       -       -       -       -       -       N/A       Code Case         Identification of Components Repaired or Replaced and Explacement Components       1989       -       -       -       -       -       -       N/A       Replaced, Code Case         Name of Component       Name of Manufacturer       National       Other       Year       Replaced, Code Case       Code Case         Now       No.       No.       No.       No.       Replaced, Code Case       Code Case       -         Name of Component </td <td>R</td> <td>R. 1 Box 84. Bracev</td> <td>ile. IL 60407</td> <td></td> <td></td> <td>Repair Un</td> <td>ganization P O. No., Job</td> <td>NO., CC.</td>	R	R. 1 Box 84. Bracev	ile. IL 60407			Repair Un	ganization P O. No., Job	NO., CC.
Authonization Number       Not Applicative         Braidwood Nuclear Power Station         Authonization Number       Not Applicative         Not Applicative         Authonization Number         Not Applicative         Not Applicative         Not Applicative         Not Applicative         Authonization Number         Not Applicative         Authonization Number         Not Applicative         Authonization Number         Not Applicative         Authonization Number         Not Applicative         Authonization Date         Not Applicative         Authonization Date         Not Applicative         Addention of System		med by Mechai			Type Code S	ymbol Sta		pplicable
R.R. 1 Box 84. Braceville. IL 60407       Explication Date         Accesses         Identification of SystemCV - CHEM & UCLOME CONTROL	Work Perior	Braidwood Nucle	ar Power Station		Authorization	Number	Not A	nolicable
Moreover, CN - CHEM & UCLOME CONTROL         (a) Applicable Construction Code SECTIIL & Z       19 14       Edition. $\frac{W}{16}$ Addenda. $\frac{N/2}{2}$ Code Case         (b) Applicable Edition of Section XI Utilized for Repairs :: Replacement		R.R. 1 Box 84. B	raceville, IL 60407		Expiration Date			
(a) Applicable Construction Code SECT III. & Z       19.14       Edition.       \u0372/16       Addenda.       \u0372       Code Case         (b) Applicable Edition of Section XI Utilized for Repairs :* Replacement		n of System ('	V- CHEM_	& VOLUME	CONTROL			
Name of ComponentName of ManufacturerManufacturerNational Senal No.Other board No.Year IdentificationReplaced, BuiltASM Cod Stamm ReplacementASM Cod Stamm (Yes or No.DRIVE SHAFTOEMNGTNGT APPLICABLENGT APPLICABLEICV/02F M-G4-3NA REPLACEDNG REPLACEDNG NO.DRIVE SHAFTOEMNGT APPLICABLENGT APPLICABLEUTU# ZGH 90G2 QU# Z94091999READCENTENT NONODRIVE SHAFTNOVAHEAT CODE QCLNGT APPLICABLEUTU# ZGH 90G2 QU# Z94091999READCENTENT NONODRIVE SHAFTNOVAGCLNGT APPLICABLEUTU# ZGH 90G2 QU# Z94091999READCENTENT NONODRIVE SHAFTNOVAGCLNGT APPLICABLEUTU# ZGH 90G2 QU# Z94091999READCENTENT NONODRIVE SHAFTNOVAGCLAPPLICABLE APPLICABLEUTU# ZGH 90G2 QU# Z94091999READCENTENT NODRIVE SHAFTNOVAGCLAPPLICABLE APPLICABLEUTU# ZGH 90G2 QU# Z94091999REPAIRNO	(a) Applic (b) Applic	able Construction Co able Edition of Section in of Components Re	nde Ser TIL & Z on XI Utilized for Rep paired or Replaced a	airs : Replacement	1989 nponents			
DRUE SHAFT DEM NOT NOT ICHOZF NA REPARED NO BOITS DEM APPLICABLE APPLICABLE MAGAGE MA REPARED NO DRIVE SHAFT NOVA QCL APPLICABLE QC# 29409 1999 REPARENT NO BOLTS NOVA QCL APPLICABLE QC# 29409 1999 REPARE NO DRIVE SHAFT NOJA QCL APPLICABLE QC# 29409 1999 REPARE NO BOLTS NOJA QCL APPLICABLE QC# 29409 1999 REPARE NO		Name of	Manufacturer	National	Other	Year	Repaired.	
BOLTS VERT AFFUNDE NOT UTERZOHIGOUZ 1999 REPAIR NO BOLTS NOVA QCL APPLICOME USERZING 1999 REPAIR NO BOLTS NOVA QCL APPLICOME USERZOHIGOUZ 1999 REPAIR NO BOLTS NOVA QCL APPLICOME USERZOHIGOUZ 1999 REPAIR NO BOLTS NOVA QCL APPLICOME USERZOHIGOUZ 1999 REPAIR NO	Name of Component	Manufacturer	Senal No.	board No.	Identification	Built	Replaced. or Replacement	ASME Code Stamp (Yes or
BUTS NOVA QCL NOT JTC# 2049002 1999 REPAIR NO BUTS NOVA QCL APPLICABLE QC# 29409 1999 REPAIR NO	Name of Component	Manufacturer	Senai No.	No.	Identification	Built	Replaced, or Replacement REP(ace)	ASME Code Stamp (Yes of
BUTS NOTA QUE APOLICIAL LET BALTS MACHINED BOLTS TO, 740 + REF	Name of Component	Manufacturer OEM	NET APEUCABLE HEAT CODE	No. No. NOT APPLICABLE NOT	10002F M-64-3 UTC# 2049002	Built ~~~~ i 999	Replaced, or Replacement REPLACED REPLACED	ASME Code Stamp (Yes or 20 NO
- (1) DO - SHAET BALTS MACHINED BOLTS TO , 740 . REF	Name of Component DRUE 54A FT BOLTS DRIVE SHAFT 30LTS DRIVE SHAFT		NGT APFUCABLE HEAT CODE QCL HEAT CODE	NOT NOT APPLICABLE NOT APPLICABLE NOT	10entification 10 1 02 F 10 1 0 10 F 10 1 0 10 F 10 10 F 10 1 0 F 10 1	Built ~/A i 999	Replaced, or Replacement REPLACED REPLACENT	ASME Code Stamp (Yes or NO NO
(1) DO T ENAET BAITS MACHINED BOLTS TO, 740. REF	Name of Component Bars Rive SHAFT <u>Bars</u> Stive SHAFT Barts		NET APTUCABLE HEAT CODE QCL HEAT CODE QCL	No. No. NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	Identification 10402F M-64-3 UTC# 2049062 000 29409 UTC# 2049062 000 29409	Built	Replaced, or Replacement REPLACED REPLACED REPLACEMENT	ASME Code Stamp (Yes or NO NO
	Name of Component Bars JRIVE SHAFT Bars SRIVE SHAFT Barts	Manufacturer OEM NOVA	Senai No. NGT APFULABLE HEAT CODE QCL HEAT CODE QCL	NOT NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	Identification 10402F 10402 070#204900 000 000 000 000 000 000 000	Built	Replaced, or Replacement REPLACED REPLACED REPLACED	ASME Code Stamp (Yes or NO NO

3 Test Conducted: □ Hydrostatic □ Pneumatic ☑ Nominal Oberating Pressure Leak Check. □ Other: Pressure <u>μορ</u> psi Test Temp. <u>NoT</u> <sup>2</sup>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 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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

•

.

FORM NIS-2 (Back)

9.	Remarks Applicable Vianufacturer's Data Reports to be attached
	Code DAta Reports Attached
<del></del>	CERTIFICATE OF COMPLIANCE
Ту	pe Code Symbol Stamp Not Applicable
Се	rtificate of Authorization No Not Applicable Expiration Date
Sig	gned Date Date 9/7/2000_ 10
	CERTIFICATE OF INCERTOR Board of Roller and Pressure Vessel Inspectors and the State
	I, the undersigned, holding a valid commission issued by the National Buard of Bolifer and Treasers that Force .
	of ILLING S and employed by HSIST 71 CS. 01 - 99 Mo 8-15-02
	and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Ow 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 examina and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any ma any personal injury or property damage or a loss of any king ansing from or connected with this inspection.
	Commissions ILG 1085
•	Inspector & 5 gnature National Board. State, Province, and Endorgements
•	Date 8-15- 72000

(12/82)

ه. ۲۰

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

. .

۹.

4

					Start		
Owner C	ommonweaith Edison	Company		Date	0/0//	<u> </u>	
0	e First National Plaz	e. Chicago, IL 6069		Sheet	of <u>.2</u>		
	ier instructional field	Address			0i		
. Plant B	aidwood Nuclear Pov	ver Station			1 00	00/ 120	-01
R	R. 1 Box 84. Bracevi	le. IL 60407				<u>0076 757</u>	
		Address					
Work Perfo	med by Mechan	ical Maintenance		Type Code	Symbol St	amp <u>Not /</u>	Applicable
	Braidwood Nuclea	r Power Station			in Number	Not /	Applicable
	R.R. 1 Box 84. Br	aceville, IL 60407		Expliation Date		1025	
identificatio	n of System $C$	V B	olting For	Cover of	<u> </u>	USF	
. (a) Applic (b) Applic . Identificatio	able Construction Cod able Edition of Section n of Components Rep	de <u>Sec UP</u> n XI Utilized for Rep paired or Replaced a	7.219_79_Ec pairs or Replacement and Replacement Col	1100. <u>117 12</u> 1989 mponents	-000 moa, _	<u>, , , , , , , , , , , , , , , , , , , </u>	
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)
R II CL	DIM	Net	Not Appinghio	10003 F	appjich	Replaced	Yes
00/1 TS C/036	r U.C.III.	UTC #	liet	QC H 1	IASA	Robinson	You
Salts Claser	Nova Markin	02063223	Applicable	37726	1787	neplacement	7.03
				4			
						L	
7 Description	of Work Re	place day	Four be	olts in Fil	Fen (	over 1	CV03F
B. Test Cond	ucted: 🗆 Hy	drostatic D Pr	neumatic 🛛 No	minal Operating Pressul	e		
				si Test Temp.		40	C
		her: Press					
	□ 01 N/Д	- Dic g	3/z/00,	no pressure	test	t requir	ed.

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 kerns 1 throu 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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

## FORM NIS-2 (Back)

• •

Remarks		opicacie Manufacturer's Data Reports t	o be attached	
	· · · · · · · · · · · · · · · · · · ·	······		
	·			
<u></u>				
<u></u>				
		······		
	C	ERTIFICATE OF COMP	LIANCE	
	-	P.I.	. +	
We could that the state		Reptac	conforms to the rules of the AS	ME Code, Section
And County mat me state		(Repar or Repu	scement)	
vne Code Symbol Stamp	Not A	ipplicable		
	NY + D	And in he	Expiration Date	
ertificate of Authorization N	). <u>1061 F</u>	TPPIICA SIC		
-	$\sim$			200
ianed D.Ch	in line		DateO	19
<u> </u>	Owner or Owner's Designe	pa, Tdia		DIC 8
			WAREATION	
	CERTI	FICATE OF INSERVICE	L INSPECTION	
I, the undersigned.	holding a valid commissio	n issued by the National Boar	d of Boiler and Pressure Vessel Inspecto	ors and the State o
Province		Harris 1 Ca	of WARTFORD	, c.
of <u>LLLIGIOL</u>	and employed by	Owner's Report during the per	10-8-99 of 9	3-3-2000
and state				cribed in this Own
that to the best of my ki	lowledge and belief, the O	wher has performed examination	ions and taken corrective measures dea	
Report in accordance w	ith the requirements of the	ASME CLOB. Section Al.		
By signing this cer	uficate, nenner the Inspect	tor nor his employer makes an	y warranty, expressed or implied, conce	ming the examinat
and corrective measure	s described in this Owner's	s Report. Furthermore, neithe	r the inspector nor his employer shall be	
	roperty damage or a loss (	of any kine arising from or con	nected with this inspection.	
any personal injury or p		Commissions	ILA 1035	
any personal injury or p				· · · · · · · · · · · · · · · · · · ·
any personal injury or p	Inspector s Signature		National Board, State, Province	, and Engomements
any personal injury or p	Inspector s 5 gneture		National Board, State, Province	, and Englishements

(12/82)

â

1

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

1.	Owner Exelon Generation Co., LLC	Date 09/18/01
	Name 300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 3
2.	Address Plant Braidwood Station	Unit <u>01</u>
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 00323687-12
3.	Address Work Performed by NPSW VENTURE Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp <u>Not Applicable</u> Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>
4.	Address Identification of System CV / CHEMICAL & VOLU	ME CONTROL LINE ICY 100A . 3"
5.	(a) Applicable Construction Code Section III (12 19	9 74 Edition, S75 Addenda, N/A Code Case
	(b) Applicable Edition of Section XI Utilized for Rep	airs or Replacement Components 1989
6.	Identification of Components Repaired or Replaced an	nd Replacement Components
r	Nationa	Repaired, ASME

Name of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
3" ELBOW 90 DEG 304SS	TAYLOR FORGE	HEAT #LTTN-1	N/A	UTC #0002614636	1999	REPLACEMENT	NO
3"X 2" 304SS	WFI	HEAT #1853ANA	N/A	UTC #0002615427	2001	REPLACEMENT	NO
3"X 2" REDUCER	WFI	HEAT #1721ANA	N/A	UTC #0002615431	2001	REPLACEMENT	NO
3"X 1-1/2" 304SS	WFI	HEAT #844ZNA	N/A	UTC #0002615433	2001	REPLACEMENT	NO
1-1/2" FLANGE	WFI	HEAT #1894ANE	N/A	UTC #0002615434	2001	REPLACEMENT	NO

#### Description of Work MODIFICATION / INSTALL LETDOWN BOOSTER PUMP DCP 9900615 7.

8.	Test Conducted:	Hydrostatic	Pneumatic		Nominal	Operating Pre	ssure	X
	SIV	Other	Pressure _	340	) psi	Test Temp.	15	۱

Performed 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.

°F

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

## FORM NIS-2 SUPPLEMENTAL SHEET

3" PIPE SCH 40

WELD ROD 3/32"

PLATE 1/2" SA-36

<u>304SS</u>

E309-16

STERLING

ARCOS

TRICO

HEAT #MR405

LOT #7K2C-2A

HEAT #N00934

1. Owne	er: Exe 300 Ker	elon Generation Exelon Way nnett Square, PA	Co., LLC . 19348		Sheet Date Unit	<u>3 of 09/18/01</u> 01 01			
2. Plant	t Bra 351	idwood Station 100 S. Rt. 53 Sui	te 84		Unit	01	-		
	Bra	ceville, IL 0040	/		W.O.	00323687-12			
						P.O. No.,	WR No	., etc.	
3 Worl	k Perforr	ned by: NPSW	VENTURE		Туре	Code Symbol Stam	p <u>N/A</u>		
			Name		Autho	orization No.	<u>N/A</u>		
3510	0 S. Rt.	53 Suite 84, Bra	aceville, IL 6040	7	Expir	ation Date	<u>N/A</u>		
		Address							
4. Ident	tification	of System RH	/ RESIDUAL HI	EAT REMOV	AL				
5a. Appl Code	licable C e Cases	onstruction Cod	e ASME SEC III	[	1	9 <u>86</u> Edition,	S	37 Addenda	<b>,</b>
5.b Appl	- licable E	dition of Section	XI utilized Edit	ion 1989	#	Addenda N/A			
6. Iden	tification	of Components	Repaired or Rep	laced and Rep	lacemer	nt Components.			
<b></b>	T			National		0.1	Verr	Repaired,	ASME
1 N	~			Logod Logod				I KEDIACECI I	Code: Stamped
Compos	nent	Name of Manufacturer	Serial No.	No.		Identification	Built	or Replacement	(Yes or No)
Compor 3"X 3" BR	ANCH	Manufacturer WFI	Serial No. HEAT #1535ANA	N/A		Identification	Built 2001	or Replacement REPLCMNT	(Yes or No) NO
Compor 3"X 3" BR OUTLET 3 2" EL DOW	ANCH	WFI	HEAT #LUNB-1	N/A	τ	Identification JTC #0002615440 JTC #0002617749	2001	replaced, or Replacement REPLCMNT	(Yes or No) NO
3"X 3" BR OUTLET 3 3" ELBOW DEG 304S	ANCH 304SS V 90 S	Manufacturer WFI TAYLOR FORGE	Manufacturer Serial No. HEAT #1535ANA HEAT #LUNB-1	N/A	U U	Uner Identification JTC #0002615440 JTC #0002617749	Built           2001           2001	REPLACMNT	(Yes or No) NO
Compose 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW	ANCH 304SS 90 S V 3000#	Manufacturer WFI TAYLOR FORGE	HEAT #401	N/A N/A N/A		Uner Identification JTC #0002615440 JTC #0002617749 JTC #2067505	Built           2001           2001           1998	REPLACMNT REPLACMNT	(Yes or No) NO NO
Compor 3"X 3" BR OUTLET 3 3" ELBOW DEG 304SS 2" ELBOW 304SS 3" ELBOW	ANCH 304SS V 90 S V 3000#	Manufacturer WFI TAYLOR FORGE WFI TAYLOR FORGE	HEAT #LUNB-1 HEAT #401 HEAT #LVSA-1	N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002617749 JTC #2067505 JTC #0002615831	Built           2001           2001           1998           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	(Yes or No) NO NO NO
Comport Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304	v 90 S V 90 V 3000# V 90 S S S S S S S S S S S S	Wante of Manufacturer WFI TAYLOR FORGE WFI WFI	HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #LVSA-1 HEAT #467YNE	N/A N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002617749 JTC #2067505 JTC #0002615831 JTC #0002615994	Item           Built           2001           2001           1998           2001           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	(Yes or No) NO NO NO NO NO
Comport Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304. 3" PIPE S	v 90 S V 90 S V 3000# V 90 S S S S CH 40	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX	HEAT #1535ANA HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #LVSA-1 HEAT #467YNE HEAT #070038	N/A N/A N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002617749 JTC #2067505 JTC #0002615831 JTC #0002615994 JTC #0002615495	Item           Built           2001           2001           1998           2001           2001           2001           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO
Compor Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304SS 2" ELBOW DEG 304SS 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE	of neent 304SS V 90 S V 3000# V 90 S S S S S S C H 40 V A L V E	Manufacturer Manufacturer WFI TAYLOR FORGE WFI TAYLOR FORGE WFI ALTX FLOWSERVE	HEAT #1535ANA HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #401 HEAT #467YNE HEAT #070038 SER #E356T-2-2	N/A N/A N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002617749 JTC #2067505 JTC #0002615831 JTC #0002615994 JTC #0002615495	Image: Peak of the second se	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO
Xame Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE V CF8M	of nent ANCH 304SS V 90 S V 3000# V 90 S S S S S C H 40 VALVE	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX FLOWSERVE	Manufacturer Serial No. HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #407 HEAT #467YNE HEAT #070038 SER #E356T-2-2	N/A N/A N/A N/A N/A N/A		Under Identification TTC #0002615440 TTC #0002615749 TTC #2067505 TTC #0002615831 UTC #0002615994 UTC #0002615495 UTC #0002615858 UTC #0002615858	Item           Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMENT	NO NO NO NO NO NO NO YES NO
Comport Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304SS 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE CF8M 3" PIPE SC 204SS	of ment           ANCH           304SS           V 90           S           V 90           SS           CH 40           VALVE           CH 40	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING	Manufacturer Serial No. HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #407 HEAT #467YNE HEAT #070038 SER #E356T-2-2 HEAT #SF551	N/A N/A N/A N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002617749 JTC #2067505 JTC #0002615831 JTC #0002615994 JTC #0002615495 UTC #0002615858 UTC #0002615495	Item           Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO YES NO
Comport Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE ' CF8M 3" PIPE SC 304SS 2" PIPE SC	of ment           ANCH           304SS           V 90           S           V 3000#           V 90           SS           CH 40           CH 40           CH 40           CH 40           CH 40	Manufacturer Manufacturer WFI TAYLOR FORGE WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX	Manufacturer Serial No.           HEAT #1535ANA           HEAT #LUNB-1           HEAT #401           HEAT #401           HEAT #401           HEAT #401           HEAT #1535ANA           SER #401           HEAT #401           HEAT #401           HEAT #401           HEAT #200038           SER #E356T-2-2           HEAT #SF551           HEAT #070037	N/A N/A N/A N/A N/A N/A N/A N/A		Under Identification JTC #0002615440 JTC #0002615749 JTC #2067505 JTC #0002615831 JTC #0002615994 JTC #0002615495 UTC #0002615495 UTC #0002615495	Item Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO NO YES NO NO
Comport Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE V CF8M 3" PIPE SC 304SS 2" PIPE SC 304SS 1-1/2" PIP	of ment           ANCH           304SS           V 90           S           V 90           S           V 90           SS           CH 40           VALVE           CH 40           CH 40           CH 40           CH 40           CH 40	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX SANDVIK	Manufacturer Serial No. HEAT #1535ANA HEAT #LUNB-1 HEAT #401 HEAT #407 HEAT #467YNE HEAT #070038 SER #E356T-2-2 HEAT #SF551 HEAT #070037 HEAT #8223J	N/A N/A N/A N/A N/A N/A N/A N/A N/A		Under Identification TTC #0002615440 TTC #0002615440 TTC #2067505 TTC #0002615831 UTC #0002615994 UTC #0002615495 UTC #0002615495 UTC #0002615494 UTC #0002615494	Item           Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001           2001           2001           2001           1999           2001           1999	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO NO YES NO NO NO
Name           Comport           3"X 3" BR           OUTLET 3           3" ELBOW           DEG 304S:           2" ELBOW           304SS           3" ELBOW           DEG 304S:           2" FLANG           600# 304           3" PIPE SC           304SS           2" GATE '           CF8M           3" PIPE SC           304SS           2" PIPE SC           304SS           1-1/2" PIP           40 304SS	of nent           ANCH           304SS           90           S           V 90           S           V 90           SS           CH 40           VALVE           CH 40           CH 40           CH 40           PE SCH	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX SANDVIK	Manufacturer           Serial No.           HEAT #1535ANA           HEAT #LUNB-1           HEAT #401           HEAT #LVSA-1           HEAT #467YNE           HEAT #070038           SER #E356T-2-2           HEAT #SF551           HEAT #070037           HEAT #8223J	N/A N/A N/A N/A N/A N/A N/A N/A N/A		Under           Identification           JTC #0002615440           JTC #0002615440           JTC #0002615749           JTC #2067505           JTC #0002615831           JTC #0002615994           JTC #0002615495           UTC #0002615495           UTC #0002615495           UTC #0002615495           UTC #0002615494           UTC #0002615488           DDV0DL M07 05702	Isea           Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001           2001           1999           2001           1999           2001           1999           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	(Yes or No)       NO       NO
Composition 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S: 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304. 3" PIPE SC 304SS 2" GATE ' CF8M 3" PIPE SC 304SS 2" PIPE SC 304SS 2" PIPE SC 304SS 1-1/2" PIP 40 304SS WELD RC	of ment           ANCH           304SS           V 90           S           SE           SS           CH 40           VALVE           CH 40           CH 40           E SCH           DD 1/8"	Manufacturer Manufacturer WFI TAYLOR FORGE WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX SANDVIK ARCOS	Manufacturer Serial No.           HEAT #1535ANA           HEAT #LUNB-1           HEAT #401           HEAT #201           HEAT #467YNE           HEAT #070038           SER #E356T-2-2           HEAT #SF551           HEAT #070037           HEAT #8223J           LOT #DT7030	N/A           N/A		Under           Identification           ITC #0002615440           ITC #0002615749           JTC #2067505           JTC #0002615831           JTC #0002615994           UTC #0002615495           UTC #0002615858           UTC #0002615495           UTC #0002615495           UTC #0002615494           UTC #0002615493	Item Built           2001           2001           1998           2001           2001           2001           2001           2001           2001           2001           1999           2001           1999           2001           1999           2001           1999           2001	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO YES NO NO NO NO
Composition Composition 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE ' CF8M 3" PIPE SC 304SS 2" PIPE SC 304SS 2" PIPE SC 304SS 1-1/2" PIP 40 304SS WELD RC ER308L WELD RC ER308L	of ment           ANCH           304SS           V 90           S           V 90           S           V 90           S           V 90           S           SE           SS           CH 40           VALVE           CH 40           CH 40           CH 40           DD 1/8"           DD 1/8"	Manufacturer Manufacturer WFI TAYLOR FORGE WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX SANDVIK ARCOS ARCOS	Manufacturer         Serial No.         HEAT #1535ANA         HEAT #LUNB-1         HEAT #401         HEAT #070038         SER #E356T-2-2         HEAT #SF551         HEAT #070037         HEAT #8223J         LOT #DT7030         LOT #DT6834	N/A           N/A		Utber           ITC #0002615440           JTC #0002617749           JTC #2067505           JTC #0002615831           JTC #0002615831           JTC #0002615994           UTC #0002615495           UTC #0002615495           UTC #0002615495           UTC #0002615495           UTC #0002615494           UTC #0002615494           UTC #0002615494           UTC #0002615494           UTC #0002615493           UTC #0002615494           UTC #0002615493           UTC #0002615494           UTC #0002615493           UTC #0002615494           UTC #0002615493           UTC #0002615494           UTC #0002615493	Peam           Built           2001           1998           2001           2001           2001           2001           2001           2001           2001           2001           1999           2001           1999           2001           1999           1997           1996	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO NO NO NO NO NO NO NO YES NO NO NO NO NO NO
Compor Comport 3"X 3" BR OUTLET 3 3" ELBOW DEG 304S 2" ELBOW 304SS 3" ELBOW DEG 304S 2" FLANG 600# 304 3" PIPE SC 304SS 2" GATE ' CF8M 3" PIPE SC 304SS 2" PIPE SC 304SS 2" PIPE SC 304SS 1-1/2" PIP 40 304SS WELD RC ER308L WELD RC	of ment         norm           304SS         90           304SS         90           S         90           Y 90         90           S         90           SS         90           CH 40         00           VAL VE         00           VE SCH         00           DD 1/8"         00           DD 3/32"         00	Manufacturer Manufacturer WFI TAYLOR FORGE WFI ALTX FLOWSERVE STERLING ALTX SANDVIK ARCOS ARCOS ARCOS	Manufacturer           Serial No.           HEAT #1535ANA           HEAT #LUNB-1           HEAT #401           HEAT #LVSA-1           HEAT #467YNE           HEAT #070038           SER #E356T-2-2           HEAT #070037           HEAT #070037           LOT #DT7030           LOT #DT6834           LOT #CT7404	N/A           N/A		Under Identification TTC #0002615440 TTC #0002615440 TTC #2067505 TTC #0002615831 UTC #0002615831 UTC #0002615495 UTC #0002615495 UTC #0002615495 UTC #0002615494 UTC #0002615488 RIN/QRI M96-11394 UTC #0002033349 RIN #33004	Peam           Built           2001           1998           2001           2001           2001           2001           2001           2001           2001           2001           1999           2001           1999           1999           1997           1996           1999	REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT REPLACMNT	NO N

ARIVANIL REVIEW 9101 **F** 12

N/A

N/A

11/10/01

REPLACMNT

REPLACMNT

1997

1998

RIN #M98-02228

UTC #0002044962

UTC #0002036514

NO

NO

## FORM NIS-2 (Back)

	Remarks DCP 9900675 INSTALLED PER CONSTRUCTION CODE, SEC III 1974, S75.
	2" GATE VALVE SUPPLIED SEC III CL.2 1986,S87
	PIPING/FITTINGS SUPPLIED SEC III CL.2 1974,S75
_	
-	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this ASME Code, Section XI.
	Type Code Symbol Stamp Not Applicable
	Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u> Date <u>plicable</u>
	Signed Owner or Owner's Beigner, Julie
_	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and employed by HSTS:
	of Hang Form, CT. have inspected the components described in this
	Owner's Report during the period
	the 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     National Board, State Province, and Endorsements
	Date 11-19-1719001

(12/82)

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

1

					ويريب والمراجع		······································	فالميوشا ببيهي	
1.	Owner	Exelon Genera	tion Co., LLC	D	ate 09-27-01				
	300 Ex	elon Way, Kenr	Name nett Square, PA	<u>19348</u> SI	neet 1 of <u>3</u>				
2.	Plant	Braidwood Stati	Address ON	U	Unit 1				
2.	35100	S D+ 53 Suite 84	Name 4. Braceville, IL	 60407 W	ork Request No. 990	<b>1098021</b>	-01		
	55100	<u>5. KL 55 540 5</u>			Papois (	Transis ar ation	PONa lah Na ata		
3.	Work Performed by Mechanical Maintenance				vpe Code Symbol Star	mp Not	Applicable	· · · · · · · · · · · · · · · · ·	
	25100	s D+ 53 Suite 84	Name I. Braceville, II.	A 60407 E	uthorization No. <u>Not</u>	Applica Applical	ble ble		
4	Identifi	S. RL JJ Suite C	Address CHEMICAL &	VOLUME CONT		-11			
4.	Identin	cation of System	CILLAIICAL D					<u></u>	
5.	(a) Ap	plicable Construc	ction Code Secti	on IIIC/2 19 74	Edition, <u>S74</u> Add	enda., 15	Code Cas	se	
	(b) Ap	plicable Edition	of Section XI Uti	lized for Repairs or	· Replacement Compo	onents 19	989		
6	Identif	ication of Compo	nents Repaired or	r Replaced and Rep	lacement Component	s			
<u>.</u>					I		Pennind	ASME	
Nar Com	me of poment	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)	
VALVE		WESTINGHOUSE	010058740007	W14742	1CV8804A	1977	REPAIRED	YES	
						1			
				<u> </u>			<u> </u>		
7	Dacari	ntion of Work DR		N DISC TO PREV	FNT PRESSURE LO	)CK <b>IN</b> G	. PER DWG 5De	54201.	
7.	Descri						1		
8.	Test C	onducted: Hyd	rostatic [] Pn	eumatic 📋 Non	ninal Operating Press	ure [	1		
		Othe	er 🔲 🛛 Pre	essure I	osi Test Temp.		•F		
	Note:	Supplemental she	ets in form of lis	ts, sketches, or drav	vings may be used, p	ovided (	(1) size is 8-1/2 ir	n. x 11	
	in.,		1 through 6 on th	is somethis in aluda	d on anch sheet and	(3) each	sheet is numbered	d and the	
	(2) int	ormation in items	ded at the top of	this form.	d on each sheet, and	(5) each	SHEET IS MULLIDELCA		
	* NO	TESTS REQU	INCO, NO	EXTERNAL F	PRESSURE RE	مذ مسترا 17	-c cape 1	ANS	
	$\omega_{l}$	che Repulle	DON KER	ALCO					

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York. N.Y. 10017

## FORM NIS-2 (Back)

¢

RE	PA.A   REPLACEMENT OF EXTERNAL PRESSAE RETAINS	
PLO	F PARTS NO PMT RESD.	
	CERTIFICATE OF COMPLIANCE	
We certi	fy that the statements made in the report are correct and this Rayain conforms to the rules of the	
ASME (	Code, Section XI. repair or replacement	
Туре Со	de Symbol Stamp Not Applicable	
Certifica	ate of Authorization No. Not Applicable Expiration Date Not Applicable	
Signed	Date Sout 27 192	
orgina	- Contractor Owner's Designer, Die Charles En C	
	perpet providing Cot.	
<b>.</b> .	CERTIFICATE OF INSERVICE INSPECTION	
I, the un	dersigned, holding a valid commission issued by the National Board of Boller and Pressue vesser	
of L	have inspected the components described in this	
Owner'	s Report during the period $5 - 17 - 01$ to $10 - 7 - 01$ , and state that to the	
best of r	ny knowledge and belief, the Owner has performed examinations and taken corrective measures describe	
the Owr	her's Report in accordance with the requirements of the ASME Code, Section XI.	
<b>.</b> .	the state of the s	
By sign	ing this certificate neither the inspector nor his employer makes any warranty, expressed of imprice,	
concern	ing the examinations and corrective measures described in this owner's Report. I diddnote, nothing the	
kind ari	sing from or connected with this inspection	
	Commissions JL = 10 B S	
	Inspector's Signature National Board, State Province, and Enformements	
1.	Owner Exelon Generation Co., LLC	Date 10/05/01
----	--	---
	Name 300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 2
2.	Address Plant Braidwood Station	Unit <u>01</u>
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 99188394-01
3.	Address Work Performed by <u>Mechanical Maintenance</u> Name 35100 S. Rt. 53 Swite 84. Broceville, H. 60407	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable Expiration Date Not Applicable
4.	Address Identification of System CV - CHEMICAL & VOLU	UME CONTROL
5.	(a) Applicable Construction Code Section III (2. 1	19 71 Edition, W'72 Addenda, N/A Code Case
	(b) Applicable Edition of Section XI Utilized for Re	pairs or Replacement Components 1989

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 Buik	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE, RELIEF	O.E.M.	N56903-00-0027	N/A	ICV8117	79	REPLACED	Y
VALVE, RELIEF	CROSBY	N56903-00-0008	N/A	1CV8117 UTC #002063265	75	REPLACEMENT	Y
NUT. HEX	O.E.M.	MRR # 13339	N/A	PG-2546C-76	N/A	REPLACED	N
NUT. HEX	NOVA	HEAT CODE #MVB	N/A	UTC #2037457 HT. # 8077124	199	REPLACEMENT	N
-							

#### 7. Description of Work REMOVE/REPLACE RELIEF VALVE 1CV8117

Test Conducted:	Hydrostatic 🔲 F	neumatic 🔲 N	ominal Operat	ting Pressure		
VT.Z PERFORMED		10510.9	•ol psi Test ]	Tes I	०.q.०। 4 %	
REF. CODE CASE	· µ]-416-)	351 P	ST TCJ. 10.1	0.01 89	F TUT 10.	10.01
Note: Supplemental in.,	sheets in form of l	ists, sketches, or di	rawings may b	e used, provid	led (1) size is 8-1	1/2 in. x 11

(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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

8.

BOLFISE.       Ref Worker ORDER 99188394-01.         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this Reflective Conforms to the rules         ASME Code, Section XI.         Type Code Symbol Stamp         JOT         APPLICABLE         Certificate of Authorization No. NOT         APPLICABLE         Certificate of Authorization No. NOT         OPPLICABLE         Certificate of Authorization No. NOT         OPPLICABLE         Certificate of Authorization No. NOT         OPPLICABLE         Date pliolo1         OPPLICABLE         Date pliolo1         OPPLICABLE         Certificate of Authorization No. NOT APPLICABLE         Date pliolo1         OPPLICABLE         Date pliolo1         OPPLICABLE         Date pliolo1         OPPLICABLE         Date pliolo1         OPPLICABLE         Sector and the State or Province of To-tooo         And empl	<b>—</b>	ACNED FOIL REPLACEMENT
CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this PLACENED conforms to the rules         ASME Code, Section XI.         Type Code Symbol Stamp       NOT       APPLICABLE         Certificate of Authorization No. NOT       APPLICABLE       Expiration Date       NoT         Signed       One of the state or Province of The state or Province of The state or Province of The state of the state or Province of The state of the sta	REF WORK ORDER 9918	8394-01-
CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this PLACHED conforms to the rules         ASME Code, Section XI.         Type Code Symbol Stamp NOT	•	
CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this <b>PLACHE</b> conforms to the rules         ASME Code, Section XI.         Type Code Symbol Stamp NOT APPLICABLE         Certificate of Authorization No. NOT APPLICABLE         Expiration Date         Signed		
CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this <b>REMARKS</b> conforms to the rules ASME Code, Section XI.         Type Code Symbol Stamp <b>NOT APPLICABLE</b> Certificate of Authorization No. NOT APPLICABLE         Expiration Date         Signed         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessee         Inspectors and the State or Province of		
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <b>PLACHED</b> conforms to the rules ASME Code, Section XI. Type Code Symbol Stamp <u>JOT APPLICABLE</u> Certificate of Authorization No. <u>NOT APPLICABLE</u> Signed <u>JOT APPLICABLE</u> Certificate of Authorization No. <u>NOT APPLICABLE</u> Date <u>Dioloi</u> Date <u>Dioloi</u> CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessee Inspectors and the State or Province of <u>Inservice</u> and employed by <u>HETTIZIC</u> of <u>HAMTEON</u> <u>CT</u> , have inspected the components described in th Owner's Report during the period <u>3-7-50</u> to <u>10-11-51</u> , and state th best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code. Section XI.		
ASME Code, Section XI. Type Code Symbol Stamp <u>NOT APPLICABLE</u> Certificate of Authorization No. <u>NOT APPLICABLE</u> Signed <u>Not APPLICABLE</u> Date <u>P/10/01</u> CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of <u>Inservice</u> of <u>Hangeon</u> <u>CT</u> , have inspected the components described in the Owner's Report during the period <u>3-7-59</u> to <u>10-11-51</u> , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	CERTIFICATE OF COMPL	IANCE
Type Code Symbol Stamp <u>NOT APPLICABLE</u> Certificate of Authorization No. <u>NOT APPLICABLE</u> Signed <u>Not APPLICABLE</u> Date <u>p/10/01</u> Date <u>p/10/01</u> CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of <u>Inconstant</u> and employed by $H \equiv T \ge 1 \ge 1 \subset 0$ of <u>Hangton</u> <u>CT</u> . have inspected the components described in the Owner's Report during the period <u>B-1-5P</u> to <u>10-11-51</u> , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code. Section XI.	ion XI.	repar or replacement
Certificate of Authorization No. NOT APPLICABLE Expiration Date $Not Aff$ Signed $Mot Aff$ Date $plioloi$ Date plioloi CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of $Mathinstoned for the components described in the Owner's Report during the period 3-7-52 to 19-11-53, and state thebest of my knowledge and belief, the Owner has performed examinations and taken corrective measures dthe Owner's Report in accordance with the requirements of the ASME Code, Section XI.$	Stame Use 100 Lass	
Certificate of Authorization No. NOT APPLICABLE Expiration Date Not AP Signed Signed Concercionation Designee. Take Date $p[10]01$ CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessee Inspectors and the State or Province of Designee. Take and employed by $h = T > 1 \ge 1 \ge 1 \ge 1 \ge 1 \le 1 \le 1$ of $h = T + 1 \ge 1$	I Stamp NOT APPLICABLE	······
Signed $Date plioloi$ CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of $D$ and employed by $H \equiv T \geq 1 \geq 1 = 0$ of $H = T = 1 = 0$ have inspected the components described in the Owner's Report during the period $3 = 7 = 9$ to $1 \equiv -11 = -11$ , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	NOT APPLICABLE	Expiration Date NOT APLICA
$\begin{array}{c} \hline \\ \hline $		Date idiala 1
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of of <u>Hangton</u> <u>CT</u> . and employed by <u>HSTBIC</u> <u>C</u> have inspected the components described in the Owner's Report during the period <u>3-7-59</u> to <u>IS-11-51</u> , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code. Section XI.	Owner or Owner's Designee, Title	Date 01001
<b>CERTIFICATE OF INSERVICE INSPECTION</b> I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse Inspectors and the State or Province of $\square$ and employed by $H \subseteq \exists : ::::::::::::::::::::::::::::::::$		
Inspectors and the State or Province of $\square$ and employed by $H \subseteq T \ge 1 \ge 1$ of $H = 1 = 0$ and employed by $H \subseteq T \ge 1 \ge 1 \ge 1$ Owner's Report during the period $3 = 1 = 0$ to $1 \ge -11 = 1$ , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	CERTIFICATE OF INSERVICE I	NSPECTION
of <u>Hangton</u> <u>CT</u> . And employed by <u>Hangton</u> is the owner's Report during the period <u>Bangton</u> <u>Bangton</u> have inspected the components described in the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	State or Province of State or Province of	and employed by the state of th
Owner's Report during the period $3 - 7 - 50$ to $10 - 11 - 51$ , and state th best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	o CT. have i	nspected the components described in this
best of my knowledge and belief, the Owner has performed examinations and taken corrective measures d the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	ring the period 3-7.50 to	, and state that to th
the Owner's Report in accordance with the requirements of the ASME Code, Section XI.	dge and belief, the Owner has performed exam	nations and taken corrective measures describe
• • • • • • • • • • • • • • • • • • • •	t in accordance with the requirements of the A	SME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implie		nakes any warranty, expressed or implied.
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, new	tificate neither the Inspector nor his employer r	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 le	tificate neither the Inspector nor his employer i minations and corrective measures described in	areanal injury or monomy demage or a loss of a
kind arising from or connected with this inspection.	tificate neither the Inspector nor his employer a minations and corrective measures described in mployer shall be liable in any manner for any p	ersonal injuly or property darnage or a loss of a
L. Mulieu Commissions 11 21695	tificate neither the Inspector nor his employer a minations and corrective measures described in mployer shall be liable in any manner for any p or connected with this inspection.	ersonal injuly of property damage of a loss of a
Instruction's Symptone and Endorments	tificate neither the Inspector nor his employer in iminations and corrective measures described in mployer shall be liable in any manner for any p or connected with this inspection.	

1.	Owner	Exelon Gene	ration Co., LLC		Date 10/04/01			
	<u>300 E</u>	xelon Way, Ke	nnett Square, PA	19348	Sheet 1 of 2	3	1 10-5-01	<u> </u>
2.	Plant	Braidwood Sta	Address Ition		Unit 01		V	00.4CC
	25100	S. D.4. <b>53</b> Suito	Name 84 Brocovillo II	<u> </u>	Work Dogwoot No. 000	140700	01	
	55100 S. KL 55 Suite 64, Diacevine, 12 00407 Work Request No. 990140208-01							
3.	Address         Repair Organization, P.O. No., Job No., etc.           Work Performed by         Mechanical Maintenance         Type Code Symbol Stamp         Not Applicable						<u>N</u> ,A	
	35140	s de 53 Suite	Name 84 Braceville II	60407	Authorization No. Not A	Application	ble	1115
	55100	5. RL 55 Built	Address	00407		рриса		
4.	Identif	ication of Syster	n <u>MS - MAIN S</u>	TEAM				
5.	(a) Aj	plicable Constr	uction Code Section	on III 2 19 7	4 Edition, N/A Add	enda, <u>N</u>	A Code Case	
	(b) Aj	pplicable Edition	n of Section XI Uti	lized for Repairs	s or Replacement Compo	nents 19	989	
	<b>T 1</b>			<b>D</b> 1 1 17		_		•
6.	Identif	ication of Comp	onents Repaired or	Replaced and F	Replacement Components	•		العام المحمول ا المحمول المحمول
Na Con	ume of apponent	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC		O.E.M.	N/A	N/A	. 1MS017A M-35-2	N/A	REPLACED	NO
DISC		DRESSER	HEAT #ADE 66		UTC #0002606852	101		
ROD,		0.E.M.	N/A	N/A	1MS017A		REPLACEMEN I	
ROD,	DED	NOVA	HEAT #A4 GR.B7		M-35-2 UTC #0002046453	IGE	REPLACED	
ROD	DED	OFM	N/A	N/A	Hr. # 8867197	13	REPLACEMENT	NU 58
THREA	DÈD	0.2		N/A	M-35-2	N/A	REPLACED	NO
7.	Descri	ption of Work _	DISASSEMBLED	VALVE AND F	REBUILT			
8.	Test C	onducted: Hy	drostatic 🗌 Pne	eumatic 🗌 N	Iominal Operating Pressu	ure 🗌	]	a da sa sa
×	VTZ A	Toc			·			. 220 512
	Regui	red Ot	her 门 Pre	ssure	psi Test Temp.	_YA	Ч	an a
	Note:	Supplemental sh	eets in form of list	s, sketches, or d	rawings may be used, pr	ovided (	(1) size is 8-1/2 in.	x 11
	in.,		a 1 shuanah 6 an sh	:	and an each sheet and (	7) an <b>a</b> h	aboat is numbered	and the
	(2) inf	ormation in item	s i inrougn o on in orded at the top of	is report is inclu this form	ided on each sheet, and (	5) each	sneet is numbered	and me
		L_ DARKA	Replaced Al	Re INTERN	Al to the value o	R BO	lting	
		de Funci	Topina in			1	15196	
						- <b>G</b>	170 TOI	

# FORM NIS-2 SUPPLEMENTAL SHEET

	Name of	Name of	Manufacturer	National Board		Other	Yest	Repaired, Replaced	ASME Code: Stammed
6.	Identificat	tion of Components	Repaired or Rep	laced and Replacer	nent Comp	ponents.			
5.b	Applicable	e Edition of Sectior Addenda	NXI utilized <u>SEC</u>	T. XI	19 <u>89</u>	Edition <u>N/A</u>		ENDA	
	Code Case	es <u>N/A</u>							
5a.	Applicable	e Construction Cod Addenda	le <u>SECT. III / CL</u>	2	19 74	Edition <u>N/A</u>	ADD	DENDA	
4.	Identificat	tion of System MS	- MAIN STEA	M	<u>.</u>				
	<u>BRAIDW</u>	OOD STA. 35100 Address	<u>S. RT.53 SUITE</u>	84 Er	piration D	Date	<u>N/A</u>	· · · · · · · · · · · · · · · · · · ·	
5.	work Peri	formed by: MECH	Name	ENANCE IS	pe Code S uthorizatio	n No.	$\frac{N/A}{N/A}$		
2	Work Dee	formed have MECH			C- 1- S	1.0.110.,		., c.c.	
				<u>99</u>	0140288-0	01 P.O. No. 1	WRN		
		35100 S. Rt. 53 Su Braceville, IL 6040	ite 84 )7		<u> </u>				
2.	Plant	Braidwood Station		U	nit 01				
		300 Exelon Way Kennett Square, PA	A 19348	Da Ui	ate <u>10/04.</u> nit <u>01</u>	/01			
1.	Owner:	Exelon Generation	Co., LLC	Sh	eet <u>3 of</u>	3			

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
ROD, THREADED	NOVA	HEAT #MUV	N/A	UTC #0002033632	199	REPLACEMEN T	
NUT, HEX	0.E.M.	N/A	N/A	1MS017A / M-35-2	N/A	REPLACED	NO
NUT, HEX	NOVA	HEAT #QAG	N/A	UTC #0002047282	'99	REPLACEMEN T	NO
							•
							· · · · · · · · · · · · · · · · · · ·



(Final)

	Case (	MTR FRAM	Remets for	R HTCod	. MILV-	Theepled A
	CofC,C	MTR, ETAM	Reports fo	e HTCode	e QAG·H	lex Ahuts
	······································					
We certify that ASME Code, S	the statements mac ection XI.	CERTIFICATE O	F COMPLIAN orrect and this	ICE <u>Aeplacement</u> repair or replacement	onforms to the	rules of the
Type Code Syn	nbol Stamp	Not	Applicabl	e		·
Certificate of A	uthorization No.	Not Applik	able	Expiration	Date Not A	plicable
Signed	GA()a	niell "	-		Date <u>10/5/0</u>	01 JA GRD 19
	CERT	IFICATE OF INS	ERVICE INSI	PECTION		
I, the undersign	ed, holding a valid the State or Provinc	commission issued	by the National	Board of Boile and employed 1	r and Pressure	Vessel
of HATT			have insp	ected the compo	ments described	in this
Owner's Repor	vledge and belief, t	the Owner has perfo	rmed examination	ions and taken c	, and st orrective measu	ate that to the tres described i
the Owner's Re	port in accordance	with the requirement	nts of the ASM	E Code, Section	XI.	
By signing this concerning the Inspector nor his	certificate neither t examinations and c is employer shall be	the Inspector nor his corrective measures e liable in any mann	employer mak described in thi er for any perso	es any warranty is Owner's Repo onal injury or pr	, expressed or in ort. Furthermore operty damage	mplied, e, neither the or a loss of any
kind arising fro	m or connected wit	h this inspection.	Commissions	I al la	35	
2 12	Incompany's Cimentum		Commissions_	National Bo	rd, State Province, and Endor	annais

1.	Owner Exelon Generation Co., LLC	Date 10/04/01
	300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 3
2.	Plant Braidwood Station	Unit <u>01</u>
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 00361695-01
3.	Address Work Performed by <u>Mechanical Maintenance</u> Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable Expiration Date Not Applicable
4.	Address           Identification of System         MS - MAIN STEAM	
5.	(a) Applicable Construction Code Section III (12 19 7	4 Edition, N/A Addenda, N/A Code Case
	(b) Applicable Edition of Section XI Utilized for Repair	s or Replacement Components 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriat No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	0.E.M.	N/A	N/A	1MS014D M-35-1	N/A	REPLACED	NO
DISC	DRESSER	HEAT #ADE 44	N/A	UTC #0002606840	2001	REPLACEMENT	NO
ROD. THREADED	0.E.M.	N/A	N/A	1MS014D M-35-1	N/A	REPLACED	NO
ROD, THREADED	NOVA	HEAT #	NJA	UTC #0002033632	1999	REPLACEMENT	NO
NUT, HEX	0.E.M.	N/A	N/A	1MS014D M-35-1	N/A	REPLACED	NO

#### 7. Description of Work DISASSEMBLED VALVE AND REBUILT

¥.

8.	Test Conducted:	Hydrostatic	] Pneumatic	Nominal Operating Pressure	
		Other	Pressure	psi Test Temp.	°F
	Note: Supplement	at check tal sheets in form	NT-2 not a	or drawings may be used, provid	$\frac{1}{10}$
	in.,				and the

(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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME. 345 E. 47th St. New York. N.Y. 10017

# FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner:	Exelon Generation Co., LLC 300 Exelon Way Kennett Square, PA 19348	Sheet3 of3Date $10/04/01$ Unit $01$	
2.	Plant	Braidwood Station 35100 S. Rt. 53 Suite 84 Braceville, IL 60407	Unit <u>01</u>	
			00361695-01	
			· P.O. No., V	VR No., etc.
3.	Work Pe	rformed by: MECHANICAL MAINTENANCE	Type Code Symbol Stamp	N/A
	BRAID	Name <u>NOOD STA. 35100 S. RT.53 SUITE 84</u> Address	Authorization No. Expiration Date	<u>N/A</u>
4.	Identific	ation of System MS - MAIN STEAM		
5a.	Applical	ble Construction Code <u>SECT. III</u> Addenda	19 74 Edition <u>N/A</u>	ADDENDA
	Code Ca	ises N/A		
5.b	Applical	ble Edition of Section XI utilized SECT. XI Addenda	19 89 Edition <u>N/A</u>	ADDENDA

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)
NUT, HEX	NOVA	HEAT #QAG	N/A	UTC #0002047282	1999	REPLACEMEN T	NO
			·······				
						<u> </u>	
		-			-		
					_		
						<u></u>	

(Final)

FORM	NIS-2	(Back)
------	-------	--------

	Applicante Manufacturer 5 Data Reports to the attached
·····	
	·
	CERTIFICATE OF COMPLIANCE
We certify the	hat the statements made in the report are correct and this replacements conforms to the rules of the
ASME Code	e, Section XI. repair or replacement
Type Code S	Symbol Stamp Not required
Certificate of	of Authorization No. MOT required Expiration Date
	100 $0$
Signed	Date 10/6/01, 19
	Owned of Ownership Designee. The
· · · · · · · · · · · · · · · · ·	
	CERTIFICATE OF INSERVICE INSPECTION
I, the unders	signed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors a	and the State or Province of Telemona and employed by HSEI : 1 CO.
of 1+21=-	have inspected the components described in this
Owner's Re	port during the period $(1-2) = 01$ to $(0-7) = 01$ , and state that to the
best of my	cnowledge and belief, the Owner has performed examinations and taken corrective measures described in
the Owner's	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. Furthering, heriner are
Inspector no	or his employer shall be hable in any manner for any personal injury of property damage of a loss of any
kind arising	from or connected with this inspection.
A Vinc	hispector's Signature National Board, State Province, and Enformemous
Date 10-	-7- ; <del>19</del> 2001

1.	Owner Exelon Generation Co., LLC	Date 10/25/01
	300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 1
	Address	
2.	Plant Braidwood Station	Unit 01
	Name	
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 98123889-01
3.	Address Work Performed by Mechanical Maintenance	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp <b>Not Applicable</b>
	Name	Authorization No. Not Applicable
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Expiration Date Not Applicable
	Address	
4.	Identification of System MS	

5. (a) Applicable Construction Code Section III 19 24 Edition, 574 Addenda, 1682-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989

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)
NUT	NOVA	NA	NIA	LOT# 36262060 HT# 8990206	1999	REPLACEMENT	NO
PLUG	FLOW SERVE	4	NIA	heat # 230590 5.0. <-369m-1	1999	REPLACEMENT	YĒS
STUD	NOVA	NA	NIA	LOT# 361 37041 HT# 96469	1997	REPLACEMENT	NO
L							
1							

#### 7. Description of Work VALVE REBUILD

8.	Test Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pres	sure 🔀	
	VTZ YCENORMCO	Other	Pressure <b>GQ</b>	psi	Test Temp.	549	°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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME. 345 E. 47th St. New York, N.Y. 10017

	·		* <u>=</u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
· ···· ··· ··-					
				·	
	······································	CERTIFICATE OF	COMPLIANC	۲ <b>F</b> .	
We certify t	hat the statements m	ade in the report are co	rrect and this	Replacement conform	ns to the rules of the
ASME Cod	e, Section XI.		re	pair or replacement	
Type Code	Symbol Stamp	and An			
- )		- Joc Ay	PIICADLE		• • • • • • • • • • • • • • • • • • •
Certificate of	f Authorization No.	NOT APPLICAL	7e	Expiration Date	not Applicable
Signed	(4)	Jan 100		Date	ulula II
<u> </u>		Owner's Designee, Inte			<u></u>
······	· · · · · · · · · · · · · · · · · · ·				
T the under	CEJ	RTIFICATE OF INSE	RVICE INSPE	CTION	
Inspectors a	nd the State or Prov	ince of	by the National E $a_{\rm N} = a_{\rm N}$	$\mathbf{A}$ and $\mathbf{A}$ and $\mathbf{A}$ and $\mathbf{A}$	5731 5 Cas
of NAC	Form, CT.	·	have inspec	ted the components of	lescribed in this
Owner's Re	port during the period	od 10-22- ag	to <u>\2-7</u>	6-01	, and state that to the
best of my l	nowledge and belie	f, the Owner has perfor	med examination	ns and taken correcti	ve measures described in
the Owner s	Report in accordan	ce with the requirement	is of the ASME	Code, Section XI.	
By signing	his certificate neithe	er the Inspector nor his	employer makes	any warranty, expre	ssed or implied,
concerning	the examinations and	d corrective measures d	lescribed in this (	Owner's Report. Fu	thermore, neither the
Inspector no	r his employer shall	l be liable in any manne	r for any person	al injury or property	damage or a loss of any
kind arising	from or connected v	with this inspection.	~ · · ·		
I have	inspector's Signature		Commissions	Nutional Board, State Prov	ince, and Endorsements
-					

1.	Owner	Exelon Genera	ation Co., LLC	D	ate 10/22/01			·
	<u>300 Ex</u>	kelon Way, Ken	Name nett Square, PA	<u>19348</u> S	heet <u>1</u> of <u>2</u>		<u></u>	
2.	Plant	Braidwood Stat	Adaress	U	Init <u>01</u>			
	35100	<u>S. Rt. 53 Suite 8</u>	4, Braceville, IL	<u>60407 V</u>	Vork Request No. 98	123889-0	19	
3.	Work F	Performed by <u>N</u>	Address Iechanical Main	tenance T	Repair Ype Code Symbol Sta	Organization mp Not	n, P.O. No., Job No., etc. Applicable	
	35100	S. Rt. 53 Suite 8	Name 4, Braceville, IL	60407 E	Expiration Date Not	Applical Applical	ble	<u> </u>
4.	Identifi	cation of System	Address 1MS018D, PO	WER OPERATED	MAIN STEAM REL	IEF VA	LVE	
5.	(a) Ap	oplicable Constru	ction Code Sect	ion III 19 <u>74</u>	_ Edition, <u>S74</u> Add	lenda, <u>N/</u>	A Code Cas	e
	(b) Ap	plicable Edition	of Section XI Ut	ilized for Repairs o	r Replacement Comp	onents 19	989	
6.	Identifi	ication of Compo	onents Repaired o	r Replaced and Rej	placement Component	ts.		
Nar Com	ne of ponent	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Valve bo	dy	ACF IND.INC.	70-117586	N/A	1MS018D	1980	Replaced	Yes
Valve bo	dv	ACF IND.INC.	70-117588	N-1942	UTC# 0002067200	1980	Replacement	Yes

8. Test Conducted: Hydrostatic 🗌 Pneumatic 🗌 Nominal Operating Pressure 🔲

VT2 Performed Other Pressure 994 psi Test Temp. 549

Order# 902876

Lot# 4G906A02

Order # 902277

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.,

Description of Work REMOVED VALVE BODY AND INSTALL RECONDITIONED BODY FROM 2MS018B

(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.

UTC 2613978

UTC 0002043806

UTC 0002063735

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

Lot# DA6557

Ht# 120016

Ht# 065671



Weld Rod

Weld Rod

Weld Rod

7.

Weld Star

Weld Star

Weld Star

Pressure 🗌

Replacement

Replacement

Replacement

Yes

Yes

Yes

#### **JORM NIS-2 SUPPLEMENTAL SHEET**

\_\_\_\_\_

-

Weld	d Rod	Weld Star	Ht# 239881	Lot # 21019A03	10	TC 0002	2604579			Replacement	Ves
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.		Ide	Other ntification		Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
6.	Identifica	ation of Component	ts Repaired or Re	placed and Repl	lacemer	nt Com	ponents.				
<b>5</b> .b	Applicab	le Edition of Sectio	n XI utilized		1	19 <u>89</u>	Edition		Add	lenda	
5a.	Applicab Code Ca	ses	de Section III		1 	19 74	Edition	<u> </u>	A	ddenda	
4.	Identifica	ation of System <u>1M</u>	AS018D, POWER	R OPERATED	MAIN	STEAN	A RELIE	F VAJ	LVE		
		Address			I						
	35100 S.	Rt. 53 Suite 84, Br	Name aceville, IL 6040	7	Expir	orization	n NO. Date		Not	Applicable	
3.	Work Pe	rformed by: <u>Meech</u>	anical Maintenan	ce	Type	Code S	Symbol S	tamp	Not	Applicable	
						••••••	P.O. 1	No., V	VR N	o., etc.	<u>_</u>
		Diaceville, IL 004	07		WO#	98123	889-09				
		35100 S. Rt. 53 St Bracewille, II, 604	uite 84								
2.	Plant	Braidwood Statior	n		Unit	01					
		Kennett Square, P	A 19348		Unit	01					
1.	Owner:	Exelon Generation 300 Exelon Way	n Co., LLC		Sheet Date	$\frac{2 \text{ of}}{10/25}$	$\frac{2}{101}$				
1	Owner:	Evelop Generation				Sheet	Sheet 2 of	Sheet 2 of 2	Sheet 2 of 2	Sheet 2 of 2	Sheet 2 of 2

Composition	, Fiandiactore	30141110.	110.		pun	or replacement	
Weld Rod	Weld Star	Ht# 239881	Lot # 2J019A03	UTC 0002604579		Replacement	Yes
					1		
*			••			•-	· · · · · ·
							1
		· · · · · - · -				·····	
	-					*	<b> </b>
							L
						1	1
			1				
					<u> </u>		
					<b> </b>		ļ
						· · ·	
					<u> </u>		
	1		1	L		1	I

(Final)

FORM	NIS-2	(Back)
------	-------	--------

r

Applicative manufatured a trafa reports to be attached
· · · · · · · · · · · · · · · · · · ·
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Repair conforms to the rules of the
ASME Code, Section XI.
Time Code Symphet Stemm
Type Code Symbol Stamp Not Hop II CABLE
Certificate of Authorization No.
Signed Date Date
CERTIFICATE OF INSERVICE INSPECTION
Inspectors and the State or Province of the state of the state of and employed by
of HARSTON CT. have inspected the components described in this
Owner's Report during the period 10-14-01 to 12-3-4, , and state that to the
best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
the 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 COIDIDISSIONS
Date 12.3-, # 2001

1.	Owner Exelon Generation Co., LLC	Date 10/04/01
	Name 300 Exelon Way, Kennett Square, PA 19348	Sheet <u>1</u> of <u>2</u>
2.	Address Plant Braidwood Station	Unit <u>01</u>
	Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 980004803-01
3.	Address Work Performed by Mechanical Maintenance	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp <b>Not Applicable</b>
	Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Authorization No. Not Applicable         Expiration Date         Not Applicable
4.	Identification of System MS - MAIN STEAM	

5. (a) Applicable Construction Code Section III Cl 2 19 74 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989\_\_\_\_

6. Identification of Components Repaired or Replaced and Replacement Components

Name of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	O.E.M.	N/A	N/A	1MS014A M-35-1	N/A	REPLACED	NO
DISC	DRESSER	HEAT #ADE 85	N/A	UTC #0002606859	2001	REPLACEMENT	NO

7. Description of Work DISASSEMBLED VALVE AND REBUILT

8.	Test Conducted:	Hydrostatic	Pneumatic	1	Nominal	<b>Operating Pressure</b>	X LCAK	LChcck Alloamed
	KVTZ not Reguined GLD 19/401	Other	Pressure _	N/A	psi	Test Temp.	w/k	_ °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.

\* Code PARE Replaced is internal to the VAlue

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

	Materia	Code	Data Re	port n	1-2 Att	ached	······	
								·
		CERTIF	FICATE OF	COMPLIA	NCE		ms to the ru	es of the
lode, Se	ction XI.		eport are con		repair or replacement	en Contion.		
de Sym	ool Stamp	NOT APP	licable					
te of Au	thorization No	" <u>VoT</u>	Applicab Progra	1e ms <b>G4</b>	Expira	tion Date Date	Not A1	19/20
	СЕ	RTIFICAT	E OF INSE	RVICE INS	SPECTION		D	
dersigners and the tage of the second s	d, holding a va او State or Pro	lid commiss	sion issued by	y the Nation	al Board of I and employ	yed by N	+sisi f	
n <del>TF</del>	the car	ad r	1.6	have ins	pected the co	mponents	described in and state	n this that to the
report ny know er's Rej	ledge and belie ort in accordan	of, the Owner f, the Owner nce with the	r has perform requirements	ned examination of the ASN	tions and tal	tion XI.	tive measure	es described
ng this ong the of ng the of r nor his	ertificate neith xaminations ar employer sha or connected	er the Inspe- id corrective Il be liable in with this in:	ctor nor his e e measures de n any manner spection.	mployer ma escribed in the for any per	kes any wan nis Owner's sonal injury	ranty, expi Report. F or propert	essed or im urthermore, y damage or	plied, neither the a loss of an
hic	Inspector's Signature		· 0	Commission	s	ional Board, State P	S	nts
r nor his	employer sha 1 or connected hspector's Signature	I be liable in with this ins	n any manner spection.	for any per Commission	son: s	al injury of the second se	al injury or property	al injury or property damage or D-A 10 25 National Board, State Province, and Endormers

(12/82)

1.	Owner Exelon Generation Co., LLC	Date 10/04/01
	Name	
	300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of <u>2</u>
	Address	
2	Plant Braidwood Station	Unit <u>01</u>
2.	Name	
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 990140287-01
	55100 S. Ru 55 State Org Dracering 12 00101	
	Address	Repair Organization, P.O. No., Job No., etc.
2	Work Performed by Mechanical Maintenance	Type Code Symbol Stamp Not Applicable
5.		Authorization No. Not Applicable
	Name	
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Expiration Date Not Applicable
	Address	
4	Identification of System MS - MAIN STEAM	

5. (a) Applicable Construction Code Section IIICI 2 19 74 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989\_\_\_\_

6. Identification of Components Repaired or Replaced and Replacement Components

Name of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	O.E.M.	N/A	N/A	1MS016A M-35-2	N/A	REPLACED	NO
DISC	DRESSER	HEAT #ADC 98	N/A	UTC #0002069451	2000	REPLACEMENT	NO

7. Description of Work DISASSEMBLED VALVE AND REBUILT

8. Test Conducted: Hy	/drostatic	Pneumatic	Ш	Nominal	Operating Pressur	e XILEAL	Check PCKTORMOL
GAD 10/1/01	her 🗌	Pressure	ŊĄ	psi	Test Temp.	N/A	٥F

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.

\* Code PARE Replaced is internal to the JAlue

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

·	MATCHEN COSC WAIN ALPONE MINICIPLE
We certify the ASME Code,	<b>CERTIFICATE OF COMPLIANCE</b> at the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the Section XI.
Type Code S	ymbol Stamp Not Applicable
Certificate of Signed	Authorization No. Not Applicable Expiration Date Not Applicable
I, the undersi Inspectors an of <u>harran</u> Owner's Rep best of my kr the Owner's	CERTIFICATE OF INSERVICE INSPECTIONgned, holding a valid commission issued by the National Board of Boiler and Pressure Vesseld the State or Province of Intervention $\neg \neg \neg \neg \neg$ $\neg \neg \neg \neg \neg \neg$ $\neg \neg \neg \neg \neg \neg$ $\neg \neg $
By signing the concerning the Inspector nor kind arising the function of the second se	tis certificate neither the Inspector nor his employer makes any warranty, expressed or implied, ne examinations and corrective measures described in this Owner's Report. Furthermore, neither the his employer shall be liable in any manner for any personal injury or property damage or a loss of any from or connected with this inspection.

(12/82)

.

67

-

.

0 with	r Evolon Cones	ration Co. LLC		Date 10/04/01			
200 1		Name	10240		·····		
3001	Exelon Way, Kel	Address	19348	Sheet 1 of _	2		
Plant	Braidwood Sta	tion		Unit <u>01</u>			
<u>3510(</u>	) S. Rt. 53 Suite	84, Braceville, IL	, 60407	Work Request No. 99	0140286	-01	
Work 3510(	Performed by	Address Mechanical Main Name 84, Braceville, II	ntenance , 60407	Repair Type Code Symbol St Authorization No. Not Expiration Date Not	r Organization amp <u>Not</u> Applical Applical	, P.O. No., Job No., etc. Applicable ble ble	
Identi	ification of System	Address n MS - MAIN	STEAM				
							·····
(b) A Identi	Applicable Edition	of Section XI Ut	ilized for Repair r Replaced and	rs or Replacement Comp Replacement Componen	onents 19	89	
Name of	Name of	Manufacturer	National board	Other	Year	Repaired, Replaced,	ASME Code; Stamped
omponent	Manufacturer O.E.M.	Serial No. N/A	No	Identification 1MSQ15A	Built	or Replacement	(Yes or No)
	DRESSER	HEAT #ADB 65	N/A	M-35-2 UTC #0002060145	N/A	REPLACED	NO
			N/A		Zoto	REPLACEMENT	NO
	_						
Descr Test ( Note:	ription of Work <u>D</u> Conducted: Hyd <b>X</b> //A Oth Supplemental sho	DISASSEMBLED drostatic  Pn her  Pro eets in form of lis i 1 through 6 on th	VALVE AND eumatic [] 1 essure ts, sketches, or o	REBUILT Nominal Operating Press psi Test Temp drawings may be used, p uded on each sheet, and	sure	°F 1) size is 8-1/2 in. heet is numbered	x 11 and the

e Alebra

Remarks MANUFACTURERS FORM N.2 ATTACK 50 FOR Lefuncement Var vé DISC S. A ADB65 REF WORK ORDER 990140286 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this ferre des conforms to the rules of the ASME Code, Section XI. HOT AMUCABLE Type Code Symbol Stamp Nor APPLICABLE Expiration Date Nor Applicable Certificate of Authorization No. Date 10.04-2001 .18 Signed a stalle ÷ ; **CERTIFICATE OF INSERVICE INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of There ors and employed by H-STBI i ۱ca. of HARTDOND, CT. have inspected the components described in this Owner's Report during the period 2-22-00 to 10-7-01 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the 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. merer Commissions IL-4 1085 33 ;#9 Date: 10 - 7 -2001 1.0 31 (<del>4</del> (12/82) و وجاد منفق ومن مارم والمنه مو نيكى فالجمجان بحوك وأجدون Serve - Serve Self La Star Star

1. Owner	Exelon Genera	tion Co., LLC	, E	ate 9/30/01			· ·
<u>300 E</u>	xelon Way, Keni	Name nett Square, PA 1	1 <b>9348</b> S	heet 1 of 2	2	· · · · · · · · · · · · · · · · · · ·	
2. Plant	Braidwood Stati	Address OD	U	Init <u>01</u>			
<u>35100</u>	<u>S. Rt. 53 Suite 84</u>	Name 4, Braceville, IL	60407 <u>V</u>	Vork Request No. 99	0155303	-01	
3. Work I	Performed by M	Address [echanical Maint Name	enance T A	Repair Type Code Symbol Sta Authorization No. Not	Organization amp Not t Applica	, P.O. No., Job No., etc. Applicable ble	
35100	S. Rt. 53 Suite 84	4, Braceville, IL	60407 E	xpiration Date Not	Applical	ole	
4. Identif	ication of System	RH - RESIDUA	L HEAT REMO	VAL			
5. (a) Aj (b) Aj	oplicable Constru	ction Code <u>Section</u> of Section XI Util	on IIIC 2 19 74	_ Edition, <u>S'75</u> Ad	denda, <u>N/</u> ponents 19	A Code Case	•
6. Identif	ication of Compo	nents Repaired or	Replaced and Re	placement Componer	its		
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)
THREADED ROD	0.E.M.	N/A	N/A	M-538-2 1FE-0611	N/A	REPLACED	NO
THREADED ROD	NOVA	HEAT# SND-211	72 TW 9.30-01 N/A	UTC#0002063524	2000	REPLACEMENT	NO
THREADED ROD	O.E.M.	N/A	N/A	M-538-2 1FE-0611	N/A	REPLACED	NO

Description of Work REPLACE GASKET AND IF REQUIRED, BOLTING. 7.

HEAT #11424

OC #48776

NOVA

THREADED ROD

.

Hydrostatic Pneumatic Nominal Operating Pressure 8. Test Conducted:

Other Test Temp. Pressure psi

N/A

\* No ASME CODE RELATED TESTING REQUIRED. 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.

UTC #0002605968

N/A

REPLACEMENT

°F

NO

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

\* NO ASME CODE PRELATED TESTING REQUIRED. WITH THE EXCEPTION OF BOLTING, NO EXTERNAL PRESSURE RETAINS CODE PARTS WERE REPAIRED / REPLOCED JUNJOLUM 09/30/01

٠

10	ATTACION EN REPLACEMENT ROLLI	tuzenen R
<u> </u>		
	۰.	
	·	
	CERTIFICATE OF COMPLIANCE	
We certify t	that the statements made in the report are correct and this Pennemeter	nforms to the rules of the
ASME Cod	ie, Section XI. repair or replacement	
Type Code	Symbol Stamp No: ApplicaBie	
	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	I non
Certificate of	of Authorization No. 10; APP UCA SIE Expiration I	Date NOT NITUCNO
Signed C	Intolino I	Date 09/30 4920
	Owner or Owner's Designee, Title	<u> </u>
······		· · · · · · · · · · · · · · · · · · ·
L the under	CERTIFICATE OF INSERVICE INSPECTION signed holding a valid commission issued by the National Board of Boiler	and Pressure Vessel
i, uic unuci	and the State or Province of ILuness and employed by	1 HSBL41 Co.
Inspectors a		ents described in this
Inspectors a of $\underline{+ - n}$	amore inspected the compor	
Inspectors a of <u><u></u><u></u><u></u> Owner's Re</u>	port during the period 3-27.01 to 10-7.01	, and state that to the
Inspectors a of <u>\\</u> Owner's Re best of my l the Owner's	port during the period $3 - 27 - 61$ to $10 - 7 - 61$ cnowledge and belief, the Owner has performed examinations and taken co s Report in accordance with the requirements of the ASME Code. Section 2	, and state that to the measures described in
Inspectors a of <u>Veran</u> Owner's Re best of my k the Owner's	ray inspected the comport port during the period $3 - 27 - 9$ to $1 - 7 - 9$ knowledge and belief, the Owner has performed examinations and taken co s Report in accordance with the requirements of the ASME Code, Section 2	, and state that to the prective measures described in XI.
Inspectors a of <u>Harne</u> Owner's Re best of my h the Owner's By signing t	port during the period $3 - 2 - 5 + 1$ to $1 - 2 - 5 + 1$ knowledge and belief, the Owner has performed examinations and taken co s Report in accordance with the requirements of the ASME Code, Section 2 this certificate neither the Inspector nor his employer makes any warranty,	, and state that to the meetive measures described in XI. expressed or implied,
Inspectors a of <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	port during the period $3 - 27 - 61$ to $10 - 7 - 61$ knowledge and belief, the Owner has performed examinations and taken co s Report in accordance with the requirements of the ASME Code, Section 2 this certificate neither the Inspector nor his employer makes any warranty, the examinations and corrective measures described in this Owner's Report	, and state that to the meetive measures described in XI. expressed or implied, t. Furthermore, neither the
Inspectors a of <u>Veran</u> Owner's Re best of my k the Owner's By signing to concerning Inspector no kind arising	range inspected the comport eport during the period $3 - 2 - 3 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5$	, and state that to the prective measures described in XI. expressed or implied, t. Furthermore, neither the perty damage or a loss of any
Inspectors a of <u>Harn</u> Owner's Re best of my h the Owner's By signing to concerning Inspector not kind arising	raye inspected the comport eport during the period $3 - 2 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5$	, and state that to the mective measures described in XI. expressed or implied, t. Furthermore, neither the perty damage or a loss of any
Inspectors a of <u>Harn</u> Owner's Re best of my k the Owner's By signing to concerning Inspector not kind arising	anave inspected the comport eport during the period <u>5-27.51</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> to <u>10-7.61</u> the examinations and taken co s Report in accordance with the requirements of the ASME Code, Section 5 this certificate neither the Inspector nor his employer makes any warranty, the examinations and corrective measures described in this Owner's Report or his employer shall be liable in any manner for any personal injury or pro- tifrom or connected with this inspection.	, and state that to the meetive measures described in XI. expressed or implied, t. Furthermore, neither the perty damage or a loss of any

	Owner	- Exelon Grenera	ation Co., LLC	I	Date 09-29-01			
		<u>Lateren Genere</u>	Name	<b>*</b>	<u></u>			
	<u>300 Ex</u>	kelon Way, Ken	nett Square, PA	<u>19348</u> S	Sheet <u>1</u> of <u>2</u>			
	Plant ]	Braidwood Stat	ion	t	Unit <u>01</u>		· · · · · · · · · · · · · · · · · · ·	
	35100 9	S. Rt. 53 Suite 8	Name 4 Braceville П.	60407	Work Request No. 99	197922-6	12	
		or rue de builte b	-, Diace mile, 113		TOTA ACQUEST TOT 32			·
	Work P	Performed by N	Address Jochanical Main	tananca	Repair Evoe Code Symbol Sta	Organization	Applicable	
	WORKI		Name		Authorization No. Not	Applica	ble	
	35100	S. Rt. 53 Suite 8	4, Braceville, IL	<u>60407</u> I	Expiration Date Not	Applical	ble	
	Identifi	cation of System	RESUDIAL H	EAT REMOVAL				
	(a) A					lands M		151-7
	(a) Ap	plicable Constru	icuon Code Secti		$\underline{-}$ Edition, $\underline{W/2}$ Add		Code Case	
	(b) Ap	plicable Edition	of Section XI Uti	lized for Repairs	or Replacement Comp	onents 19	89	
	(-) <u>r</u>							
	Identifi	cation of Compo	onents Repaired or	r Replaced and Re	placement Componen	ts		
				National	-1		Repaired.	ASME
							• •	
Na Con	ame of aponent	Name of Manufacturer	Manufacturer Serial No.	bo <b>ard</b> No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stampe (Yes or No)
Na Con .VE	ame of apopent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	board No.	Other Identification - UTC 0002620229	Year Built 1978	Replaced, or Replacement	Code; Stamps (Yes or No) YES
Na Con .VE	ame of aponent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	board No.	Other Identification - UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na <u>Con</u> ∠VE	une of mponent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamps (Yes or No) YES
Na Con ∠VE	ame of aponent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stampe (Yes or No) YES
N₂ 	ume of npogeni	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con .VE	ume of mponent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con .VE	ume of npogeni	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con VE	ume of mponent	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	board No.	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con VE	Descrip	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	N/A	Other Identification UTC 0002620229	Year Built 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con	Descrip	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049 EPLACED VAL drostatic  Pn	ve eumatic □ No	Other Identification UTC 0002620229	Year Bulk 1978	Replaced, or Replacement REPLACEMENT	Code: Stamp (Yes or No) YES
Na Con	Descrip Test Co	Name of Manufacturer CROSBY	Manufacturer Serial No. N56904-00-0049	board No. N/A VE eumatic  No	Other Identification UTC 0002620229	Year Bult 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
Na Con .VE	Descrip Test Co	Name of Manufacturer CROSBY CROSBY	Manufacturer Serial No. N56904-00-0049 EPLACED VAL drostatic Pn her Pro	board         No.           N/A	Other Identification UTC 0002620229	Year Bulk 1978	Replaced, or Replacement REPLACEMENT	Code: Stamp (Yes or No) YES
Na Con .VE	Descrip Test Co	Name of Manufacturer CROSBY CROSBY	Manufacturer Serial No. N56904-00-0049 EPLACED VAL drostatic Pn her Pro-	VE eumatic I No essure 33 5	Other Identification UTC 0002620229	Year Bulk 1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
	Descrip Test Co Note: in.,	Name of Manufacturer CROSBY Detion of Work <u>R</u> Denducted: Hydrogen Other Supplemental sh	Manufacturer Serial No. N56904-00-0049 EPLACED VAL drostatic Pn her Pro- eets in form of lis	VE eumatic I No essure <u>33 5</u>	Other Identification UTC 0002620229	Year Bulk           1978	Replaced, or Replacement REPLACEMENT	Code; Stamp (Yes or No) YES
	Descrip Test Co Note: in., (2) info	Name of Manufacturer CROSBY Detion of Work R onducted: Hy Oth Supplemental sh	Manufacturer Serial No. N56904-00-0049 EPLACED VAL drostatic Pn her Pro- eets in form of lis s 1 through 6 on th	VE eumatic I No essure 33 5 its, sketches, or dra his report is includ	Other Identification UTC 0002620229	Year Bulk 1978 	Preplaced, or Replacement REPLACEMENT	Code: Stamp (Yes or No) YES

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

.

	CERTIFICATE OF COMPLIANCE
We cert	ify that the statements made in the report are correct and this replaced conforms to the rules of the
ASME	Code, Section XI. repair or replacement
Type Co	ode Symbol Stamp Not require
Certific	ate of Authorization No. Not a contraction Date
Conunc	C ( ( ) C ) C ) C ) C ) C ) C ) C ) C )
Signed	Date 10/5/01, 12
	CERTIFICATE OF INSERVICE INSPECTION
I, the ur	idersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
of 14-	have inspected the components described in this
Owner'	s Report during the period $9-27-91$ to $10-10-91$ , and state that to the
best of	ny knowledge and belief, the Owner has performed examinations and taken corrective measures described in
the Own	her's Report in accordance with the requirements of the ASME Code, Section XI.
By sign	ing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
concern	ing the examinations and corrective measures described in this Owner's Report. Furthermore, neither the
Inspecto	or nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any
kind ari	sing from or connected with this inspection.
	kapestor's Signature COIIIIIIISSIOIIS 220 B COES

• .	300 Exelon Way, Kennett Square, PA 19348         Address         Plant       Braidwood Station         Name         35100 S. Rt. 53 Suite 84, Braceville, IL 60407			<u>19348</u> 5 U 60407 <u>V</u>	Sheet 1         of 2           Unit 01         01           Work Request No. 00322965-01         00322965-01			
	Address Work Performed by <u>Mechanical Maintenance</u> Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Address			tenance T A 60407 E	Repair Organization, P.O. No., Job No., etc.         Type Code Symbol Stamp Not Applicable         Authorization No. Not Applicable         Expiration Date			
	Identifi	cation of System	RESUDIAL HI	EAT REMOVAL				
	(a) Ap	plicable Constru	action Code Secti	on III CIZ 19 71	- Edition, W72 Add	ienda, <u>N/</u>	A Code Case	;
	(b) Ap	plicable Edition	of Section XI Uti	lized for Repairs of	or Replacement Comp	onents 19	89	
	Identifi	cation of Compo	onents Repaired o	Replaced and Re	placement Componen	ts		
Nati	ne of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Com	Children	CROSBY	N56904-00-0068	N/A	UTC 0002069285	1991	REPLACEMENT	YES
LVE								
								<u> </u>

(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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

\$

ŧ

	NAVI FORM Attached						
-							
•							
	CERTIFICA TE OF COMPLIANCE						
	We certify that the statements made in the report are correct and this <b>Replacements</b> conforms to the rules of the						
	ASME Code, Section XI. repair or replacement						
	Type Code Symbol Stamp Apolicable						
	Contraction Date and Andrea here						
	Certificate of Authorization No. Not Hoplicable Laplation Date Not Hoplicable						
	Signed Date Date						
	CERTIFICATE OF INSERVICE INSPECTION						
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel						
	Inspectors and the State or Province of <b>Turnors</b> and employed by <b>Hors</b> is <b>U</b> control to the components described in this						
	Owner's Report during the period 11-10-01 to 11-19-01, and state that to the						
	best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in						
	the 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 National Board, State Province, and Endorsements						
	Date $\lambda_{-} \lambda_{-} = \frac{1}{2400}$						

. Owner <u>300 E</u> 2 2. Plant 35100	Exelon Generat celon Way, Kenn Braidwood Static S. Rt. 53 Suite 84	9348 S	Date         08-30-01           Sheet         1         of         3           Unit         01         01         00323687-15				
8. Work I 35100	Performed by <u>N</u> S. Rt. 53 Suite 84	Address PSW VENTURE Name 4, Braceville, IL	; 7 60407 H	Repair Fype Code Symbol Sta Authorization No. <u>Not</u> Expiration Date <u>Not</u>	Organization mp Not Applical Applicat	, P.O. No., Job No., etc. Applicable ble ble	
. Identif	cation of System	RH / RESIDUA	L HEAT REMO	VAL		t	····
			<b>A</b>			A Code Com	
5. (a) Aj (b) Aj 5. Identif	oplicable Construct oplicable Edition of Component	ction Code <u>Section</u> of Section XI Util ments Repaired or	m III <u>C </u> 2 19 74 ized for Repairs of Replaced and Re	Edition, <u>S75</u> Add or Replacement Compo- eplacement Componen	lenda, <u>N/</u> onents 19 ts	A Code Case	
. (a) Aj (b) Aj . Identif	oplicable Construct oplicable Edition of ication of Component Name of	ction Code Section of Section XI Util nents Repaired or Manufacturer Serial No.	on III C  2 19 74 ized for Repairs of Replaced and Re National board No.	Edition, <u>S75</u> Add or Replacement Compo- eplacement Component	lenda, <u>N/</u> onents 19 ts Year Built	A Code Case	ASME Code; Stamped (Yes or No)
. (a) Aj (b) Aj . Identif <u>Composent</u> "ELBOW, 90 "EG 304SS	pplicable Construct oplicable Edition of ication of Comport Name of Manufacturer TAYLOR FORGE	ction Code Section of Section XI Util ments Repaired or Manufacturer Serial No. HEAT #LVSA-1	on III C  2 19 74 ized for Repairs of Replaced and Re National board No.	Edition, <u>S75</u> Add or Replacement Compo- eplacement Componen Other Identification UTC #0002615831	lenda, <u>N/</u> onents 19 ts Year Built 2001	A Code Case 089 Repaired, Replaced, or Replacement REPLACEMENT	ASME Code; Stamped (Yes or No) NO
. (a) Aj (b) Aj . Identif <u>Component</u> "ELBOW, 90 DEG 304SS VELDOLET 6*X3" 304SS	oplicable Construct oplicable Edition of ication of Comport Name of Manufacturer TAYLOR FORGE WFI	ction Code Section of Section XI Util ments Repaired or Manufacturer Serial No. HEAT #LVSA-1 HEAT #1853ANA	ized for Repairs of Replaced and Replaced and Replaced National board No.	Edition, <u>S75</u> Add or Replacement Component conter <u>Identification</u> UTC #0002615579	enda, <u>N/</u> onents 19 ts <u>Year</u> <u>Built</u> 2001 2001	A Code Case 089 Repaired, Replaced, or Replacement REPLACEMENT REPLACEMENT	ASME Code; Stamped (Yes or No) NO NO
. (a) Aj (b) Aj . Identif . Identif . ELBOW, 90 EG 304SS /ELDOLET 6"X3" 304SS IPE, 3" SCH 40 04SS	oplicable Construct oplicable Edition of ication of Comport Name of Manufacturer TAYLOR FORGE WFI ALTX	ction Code Section of Section XI Util ments Repaired or <u>Manufacturer</u> Serial No. HEAT #LVSA-1 HEAT #1853ANA HEAT # 070038	ized for Repairs of Replaced and Replaced and Replaced National board No.	Edition, <u>S75</u> Add or Replacement Component conter <u>Identification</u> UTC #0002615831 UTC #0002615579 UTC #0002615501	lenda, <u>N/</u> onents 19 ts <u>Year</u> Built 2001 2001 2001	A Code Case 089	ASME Code; Stamped (Yes or No) NO NO
(a) Aj (b) Aj (b) Aj Identif <u>Composent</u> ELBOW, 90 EG 304SS VELDOLET 6"X3" 304SS IPE, 3" SCH 40 04SS " GATE VALVE F8M	oplicable Construct oplicable Edition of ication of Comport Name of Manufacturer TAYLOR FORGE WFI ALTX FLOWSERVE	ction Code Section of Section XI Util ments Repaired or <u>Manufacturer</u> Serial No. HEAT #LVSA-1 HEAT #1853ANA HEAT # 070038 SER #E356T-1-1	ized for Repairs of Replaced and Re National board N/A N/A N/A	Edition, <u>S75</u> Add or Replacement Component conternation <u>Other</u> <u>Identification</u> UTC #0002615831 UTC #0002615579 UTC #0002615501 UTC #000261445	lenda, <u>N/</u> onents 19 ts <u>Year</u> <u>Built</u> 2001 2001 2001 2001	A Code Case 089	ASME Code; Stamped (Yes or No) NO NO YES

# 7. Description of Work MODIFICATION / INSTALL LETDOWN BOOSTER PUMP

8.	Test Conducted:	Hydrostatic	Pneumatic	: 🗆	Nominal	Operating Press	ure 🛛	
	VT2 Perfuence	d Other	Pressure	340	psi	Test Temp.	151	

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.

°F

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

#### FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner:	Exelon Generation 300 Exelon Way Kennett Square, PA	Co., LLC A 19348		$\begin{array}{c} \text{Sheet } \underline{3 \text{ of }} \\ \text{Date } \underline{8/30/01} \\ \text{Unit } \underline{01} \end{array}$			
2.	Plant	Braidwood Station 35100 S. Rt. 53 Su Braceville II, 6040	ite 84		Unit <u>01</u>			
			,		<u>W.O. 00323687-15</u> P.C	5 ). No., WR I	No., etc.	
3.	Work Per <u>35100 S.</u>	rformed by: <u>NPSW</u> <u>Rt. 53 Suite 84, Br</u> Address	VENTURE Name aceville, IL 6040	17	Type Code Symbo Authorization No. Expiration Date	l Stamp N/A N/A N/A	A A A	
4.	Identifica	tion of System RH	I / RESIDUAL H	EAT REMOV	AL			
5a.	Applicab Code Cas	le Construction Cod ses N/A	le ASME SEC II	I	19. <u>86</u> Editi	on,	S87 Adden	da,
5.b	Applicab	le Edition of Section	n XI utilized <u>Edi</u>	tion 1989	Addenda N	I/A	<u></u>	
6.	Identifica	ation of Components	s Repaired or Rep	blaced and Repl	acement Component	ts.		
	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)
WE ER3	LD ROD 1/8 308L	" ARCOS	LOT #DT7030	N/A	RIN/QRI M97-05	703 97	REPLCMNT	NO
WE	LD ROD 1/8	" ARCOS	LOT #DT6834	N/A	RIN/QRI M96-11	394 96	REPLCMNT	NO

LOT #CT7404

HEAT #MR405

N/A

N/A

RIN #33004

UTC #0002039543

'99

97

REPLCMNT

REPLCMNT

NO

NO

ER308L

304SS

WELD ROD 3/32" ER308L

PIPE 3" SCH 40

ARCOS

STERLING

(Final)

ANI/ANII REVIEW

10/10/01

Remarks DCP 9900675 INSTALLED PER CONSTRUCTION CODE, SEC III 1974,S75.  Applicable Manufacturer's Data Reports to be attached  21 CATE VALVES SUPPLIED SEC II CL 2 1096 S87							
5 GATE VALVES SUPPLIED SEC III CL.2 1980,587							
PIPING/FITTINGS SUPPLIED SEC III CL.2 1974,S75							
We certify	CERTIFICATE OF COMPLIANCE						
ASME Co	repar or replacement						
Type Code	e Symbol Stamp Not Applicable						
Certificate	of Authorization No. Not Applicable Expiration Date Applicable						
Signed	Date 10/10/01 ,15						
	CERTIFICATE OF INSERVICE INSPECTION						
I, the unde	rsigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel						
Inspectors	and the State or Province of <u>ILLINGIS</u> and employed by <u>HSBIIL</u> co.						
Owner's R	Report during the period Terror to the to the set of th						
best of my	knowledge and belief, the Owner has performed examinations and taken corrective measures described i						
the 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	g the examinations and corrective measures described in this Owner's Report. Furthermore, neither the						
Inspector r	nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any						
kind arisin	g from or connected with this inspection.						
<u> </u>	Inspector's Signature National Board, State Province, and Endorsements						
Date 11							
~~~~							

BwAP 1600-5A1 Revision 3 Information Use

ł

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

						a		
•	Owner	Exelon Generat	tion Co. LLC	I	Date <u>8-2</u>	7-01		
		00 Evolon Way	Name Konnett Scuare	PA 10348	Sheet / of	2		
		SUU EXCIUIT Way	Address	<u>IA 17540</u>	•••			
	Plant	Braidwood Static	n	Ur	nit/			
			Name	<b>π</b> (0407	Manual M	ANTE	unce - 99	195554-
		<u>35100 S. Rt. 53 S</u>	Address	<u>e, IL 6040</u> / _	Repair O	rganization,	P.O. No., Job No., etc.	1-001
	Work F	erformed by Me	chanical Mainten	ance 7	Type Code Symbol Star	np <u>Not</u>	Applicable	
	WORK 1	Braidwood Stati	on		Authorization No. Not	Applica	ble	
		35100 S. Rt. 53 S	Suite 84, Bracevill	le, IL 60407 I	Expiration Date Not A	Applicab	le	
			Address	Personal H	EAT Renarial			
	Identifi	cation of System	UNIT T	estoon 11	ent reproduce			
		• 11- Classes	ian Cada Ca	- 77 (1710 7)	Edition W 72. Add	enda.	A /A Code Cas	se
	(a)App	incable Construct		<u>an 6</u> (4) //	_ Landon,		-/-	
			200	200	2015	20F	20G	20H
20. Nam	A	20B Name of	Manufacturer	National	Other	Year Built	Repaired, Replaced	ASME Code: Stamped
Comp	onent	Manufacturer	Senal No.	No.	Resultance		or Replacement	(Yes or No)
HRS	CTTONS	CLOSBY VALUE	N 56904-00-	N/A	I RH8708A	171	Replaced	Y
HR 5	WALVE WETTONS	CROSBY VALUE -	N56904-00-		1 Pileney A	1911	P. I.	V
LINE	Value	GAGA Co.	0035	NA	ILADIODA	17	FEDEREMENT	
		•··						
					1, 11			
	Descrip	otion of Work 🗍	KAMOUE AND	Kaplace 1	aline VALUE	w/ N	EW / REBULT	- VILLE
				· <b>[</b> ] N			VT7 EXAN	1
	Test Co	onducted: Hyd	irostatic 🛄 Pne	umatic [] No	ominal Operating Fless		REF CODE	CASE
		04	🗖 🛛 🗖		nci Test Temp	92	٩F	N416-I
		Uth	er rie	ssure <u>46</u>	psi Test temp.	06		•
	Nata	Cumplementel ak	note in form of lie	te sketches or d	rawings may be used. r	rovided	(1) size is $8-1/2$	in. x 11 in.,
	Note:	Supplemental sn	through 6 on t	his report is inclu	ided on each sheet. and	(3) eac	h sheet is numbe	ered and the
	(2) IIIC	r of sheets is read	orded at the top of	this form.			*	
			A WAR WE WAR SOL OF					

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

÷.

, . . , . .

BwAP 1600-5A1 Revision 3 Information Use

# FORM NIS-2 (Back)

.

۴.

REP	Applicable Manufacturer's Data Reports to or addition CACEMENT OF RELIEF VA. S.N. N56904-0049 WITH S.N. N56904-0
00	35. REF. EPN IRN8708A
A	NOT ACTORERS FORCM NOV 2 ATTACKED
i	
I	
······································	
We cer	tify that the statements made in the report are correct and this <b>Paratement</b> conforms to the rules of the ASI
Code,	Section XI.
Tume	ode Symbol Stamp Nor APPUCABLE
TypeC	
Certifi	cate of Authorization No. Not APPLICABLE Expiration Date Nos NATURABLE
Signed	Date 08/30 79
018	Owner or Owner's Designee, Title
······································	
	CERTIFICATE OF INSERVICE INSPECTION
I, the v	indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspects
of W	te of Province of and employed by the employed bythe employed by
during	the period $7 - 12 - 01$ to $9 - 20 - 01$ , and state that to the b
my kn	owledge and belief, the Owner has performed examinations and taken corrective measures described in the C
Report	in accordance with the requirements of the ASME Code, Section AI.
Bv sig	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concer
the exa	aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector no
employ	yer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from
connec	ted with this inspection.
<u> </u>	Inspector's Signature National Board, State Province, and Endorsements

1.	Owner Exelon Generation Co., LLC	Date <u>9/30/01</u>
	Name 300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 2
2.	Plant Braidwood Station	Unit <u>01</u>
	Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 990161234-01
3.	Address Work Performed by <u>Mechanical Maintenance</u> Name	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Expiration Date Not Applicable
4.	Identification of System <u>RH - RESIDUAL HEAT RE</u>	MOVAL
5.	(a) Applicable Construction Code Section III 62 19	9 74 Edition, S'75 Addenda, N/A Code Case
	(b) Applicable Edition of Section XI Utilized for Rep	airs or Replacement Components 1989

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
NUT, HEX	0.E.M.	N/A	N/A	M-538-4 1FE-0619	N/A	REPLACED	NO
NUT, HEX	NOVA	HEAT# 84635 QC #B91-01567	N/A	UTC#0002065813	2000	REPLACEMENT	NO
THREADED ROD	O.E.M.	N/A	N/A	M-538-4 1FE-0619	N/A	REPLACED	NO
THREADED ROD	NOVA	HEAT #11424 QC #48776	N/A	UTC #0002605968	N/A	REPLACEMENT	NO

Description of Work REPLACE GASKET AND IF REQUIRED, BOLTING. 7

	Description of the			
8.	Test Conducted:	Hydrostatic 🗌 Pneumatic 🗌	Nominal Operating Pressure	
		Other Pressure	psi Test Temp.	۰F
	Note: Supplement	tal sheets in form of lists, sketches,	or drawings may be used, provid	ded (1) size is 8-1/2 in. x 11
	in.,			ask shoet is numbered and the

(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.

# HUMOU OF SHEETS IS ICCOLLECT AL LITE TOP OF LITIS FORM. HO ASME RELATED TESTING REQUIRED. WITH EXCEPTION OF BOLTING, NO EXTERIAL PRESSURE RETAINING CODE PARTS WERE PREMIRED CR REPLACED. THIS FORM (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

١,

ط

15 A	ITTACHED.				<u></u>
				<u></u>	
·					······································
We certify	that the statements made i	in the report are correct	and this Barker	conforms to the rule	s of the
ASME Co	de, Section XI.		repair or replacen	zui	
Type Code	Symbol Stamp	APPLICABLE	£		
Certificate	of Authorization No.	1- APPLICAN	E Expir	ation Date Nat A	AUCAB
Ceruncate					
Signed 🧲	Jim/also	Designee, Title		Date <u>09/30</u>	- 0 - 20
					8130
	CERTIF	ICATE OF INSERVI	CE INSPECTION		
I, the unde	rsigned, holding a valid co	mmission issued by the	e National Board of	Boiler and Pressure Vess	sel
Inspectors	and the State or Province	OI ILLINOIS	have inspected the c	omponents described in	this
Owner's F	eport during the period	3-2-9-01	0 10-6-01	, and state	that to the
best of my	knowledge and belief, the	Owner has performed	examinations and ta	ken corrective measures	described i
the Owner	's Report in accordance wi	ith the requirements of	the ASME Code, So	ction XI.	
Ducianin	a this cortificate neither the	Inspector nor his empl	over makes any wa	ranty, expressed or impl	ied.
	g the examinations and cor	rective measures descri	bed in this Owner's	Report. Furthermore, n	either the
concernin		iable in any manner for	any personal injury	or property damage or a	loss of any
concernin Inspector	nor his employer shall be h	hadie mi unij maanne ver			
concernin Inspector kind arisir	nor his employer shall be high from or connected with the	this inspection.			

(12/82)

•,

.

1.	Owner Exelon Generation Co., LLC	Date 10/04/01
	Name	
	300 Exelon Way, Kennett Square, PA 19348	Sheet $1$ of $2$
2.	Plant Braidwood Station	Unit 01
	Name	
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 99165340-01
3.	Address Work Performed by <u>Mechanical Maintenance</u> Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Repair Organization, P.O. No., Job No., etc.           Type Code Symbol Stamp         Not Applicable           Authorization No.         Not Applicable           Expiration Date         Not Applicable
4.	Identification of System RY - PRESSURIZER	
5.	(a) Applicable Construction Code Section III 6 1	19 71 Edition, W'72 Addenda, NA Code Case
	(b) Applicable Edition of Section XI Utilized for Rep	pairs or Replacement Components 1989
6.	Identification of Components Repaired or Replaced an	nd Replacement Components

ASME National Repaired, Replaced, Code; Stamped (Yes or No) Name of Name of Manufacturer board Other Year Component Manufacturer Serial No No Identification Built or Replacement VALVE, RELIEF O.E.M. N/A 1RY8010B N/A N/A REPLACED YES M-60-5 VALVE, RELIEF CROSBY UTC #0002073527 S/N #N56964-00-0109 REPLACEMENT YES N/A 76 .

#### 7. Description of Work REMOVED RELIEF VALVE FROM SYSTEM AND REPLACED WITH REBUILT

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X VT2 Comp. Other Pressure 2245 psi Test Temp. 557 °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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

C	Rosby NPV1	form			
- <del></del>		•		· · · · · · · · · · · · · · · · · · ·	
			<u></u>		<del></del>
	·····		<u></u>		
	CER	TIFICATE OF COMPI	LIANCE		· · · · · · · · · · · · · · · · · · ·
We certify that t ASME Code. Se	he statements made in tection XI.	the report are correct and	this Replace	conforms to	the rules of the
Type Code Sym	bol Stamp	A L Acel		EA.	
Type Code Sym					
Certificate of Au	thorization No.	Not Applical	ole Expin	ation Date	<u>st Applicable</u>
Signed	G4Dan	riel		Date	0/01 .18
	P-Coloria spars	E me			
	CERTIFIC	CATE OF INSERVICE	INSPECTION	l	
I, the undersigne	d, holding a valid com	mission issued by the Nat	ional Board of	Boiler and Pressu	ire Vessel
of here to	The state of Province of	have the second	inspected the c	components descr	$1 \rightarrow 1$ Cos, ibed in this
Owner's Report	during the period N.	-3-09 to	10-10-0	, an	d state that to the
-best of my know	ledge and belief, the O	wner has performed exam	ninations and ta	ken corrective m	easures described in
me Owner's Rep	ort in accordance with	the requirements of the A	SME Code, So	ction XI.	
By signing this c	ertificate neither the In	spector nor his employer	makes any wa	rranty, expressed	or implied,
concerning the e	xaminations and correct	tive measures described i	n this Owner's	Report. Further	nore, neither the
lnspector nor his	s employer shall be liab	le in any manner for any paints inspection	personal injury	or property dama	age or a loss of any
L. human		Commissi	ions 🏊 🛥	1085	
	Inspector's Signature			ational Board, State Province, and	Endersements

1. Owner	Exelon Genera	ation Co., LLC	· ]	Date 10/04/01		······	<u>,</u>
<u>300 E</u>	<mark>Xelon Way, Ken</mark>	nett Square, PA	19348	Sheet <u>1</u> of <u>2</u>			
2. Plant	Braidwood Stat	Address ion	1	Unit <u>01</u>			
<u>35100</u>	S. Rt. 53 Suite 8	Name 4, Braceville, IL	60407	Work Request No. 99	165739-(	)1	
3. Work	Performed by <u>N</u>	Address Aechanical Maint Name	enance	Repair Type Code Symbol Sta Authorization No. <u>Not</u> Expiration Date Not	Organization mp Not Applica Applical	, P.O. No., Job No., etc. Applicable ble	
55100	<b>5.</b> Kt. 55 Stille 6	Address			-PP		
4. Identi	fication of System	$\underline{RY} - \underline{PRESSUR}$	UZER			····	
5. (a) A	pplicable Constru	ction Code Section	on III G 1 19 71	Edition, W'72 Add	lenda, NA	A Code Case	•
(b) A 6. Identi	pplicable Edition	of Section XI Util	lized for Repairs Replaced and R	or Replacement Component	onents 19	089	
		•	•	cplacement componen			······································
Name of	Name of	Manufacturer	National board	Other	Year	Repaired, Replaced,	ASME Code; Stamped
Name of Component VALVE, RELIEF	Name of Manufacturer O.E.M.	Manufacturer Serial No. N/A	National board No.	Other Identification IRY8010C M-60-5	Year Built N/A	Repaired, Replaced, or Replacement REPLACED	ASME Code; Stampod (Yes or No) YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A	Other Identification IRY8010C M-60-5 UTC #0002073535	Year Built N/A 76	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code: Stamped (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A	Other Identification IRY8010C M-60-5 UTC #0002073535	Year Buik N/A 76	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code; Sampod (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A	Other Identification           IRY8010C           M-60-5           UTC #0002073535	Year Buik N/A 76	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code; Stampod (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A	Other Identification IRY8010C M-60-5 UTC #0002073535	Year Built N/A 76	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code: Stamped (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A	Other Identification           IRY8010C           M-60-5           UTC #0002073535	Year Built N/A 76	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code: Stampod (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A EF VALVE FRO	Other Identification           1RY8010C           M-60-5           UTC #0002073535	Year Built N/A 76 PLACED	Repaired, Replaced, or ReplaceD REPLACED REPLACEMENT	ASME Code; Seamped (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A S/N #N56964-00-0054	National board No. N/A N/A EF VALVE FRO	Other Identification       IRY8010C M-60-5       UTC #0002073535	Year Built N/A 76 PLACED	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code: Stamped (Yes or No) YES YES
Name of Component VALVE, RELIEF VALVE, RELIEF 7. Descr 8. Test (	Name of Manufacturer O.E.M. CROSBY	Manufacturer Serial No. N/A \$/N #N56964-00-0054	National board No. N/A N/A EF VALVE FRO eumatic I N	Other Identification       1RY8010C M-60-5       UTC #0002073535       M SYSTEM AND REI       fominal Operating Press	Year Built N/A 76 PLACED Sure	Repained, Replaced, or Replacement REPLACED REPLACEMENT	ASME Code: Stampod (Yes or No) YES YES

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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

۴

.

	Gosby NV-1 form	
	CERTIFICATE OF COMPLIANCE	
We certify ASME Cod	that the statements made in the report are correct and this <b>Replacement</b> Conforms to the rul de, Section XI.	es of the
Type Code	Symbol Stamp Not Applicable	s.
Certificate	of Authorization No. Not Applicable Expiration Date Not A	polanble
Signed	G42 anciell Date 10/10/18	o⊥ ,19°
	Owher or Owner Nessignee. Title	
<b></b>	CERTIFICATE OF INSERVICE INSPECTION	
I, the under	rsigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves	ssel
of Vinn	and the state of Frovince of Action of State of Frovince of Action of State of Frovince of Action of State of Action o	this
Owner's R	eport during the period 11-3-00 to 10.10-0, , and state	that to the
best of my	knowledge and belief, the Owner has performed examinations and taken corrective measure	s described in
	s Report in accordance with the requirements of the ASME Code, Section AL	
By signing	this certificate neither the Inspector nor his employer makes any warranty, expressed or imp	lied,
Concerning	, the examinations and corrective measures described in this Owner's Report. Furthermore, it por his employer shall be liable in any manner for any personal injury or property damage or	a loss of any
kind arising	g from or connected with this inspection.	a 1000 01 any
LU	Commissions IL+ 1085	
Date 1 -	$-10.$ , $\frac{19}{2001}$	
# FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT

As Required by the Provisions of the ASME Code Sect	on XI
-----------------------------------------------------	-------

1.	Owner	<b>Exelon Genera</b>	tion Co., LLC	D	ate 10/04/01			
	<u>300 E</u>	elon Way, Keni	Name nett Square, PA 1	<u>9348</u> S	heet <u>1</u> of <u>2</u>		<u></u>	
2.	<b>Plant</b>	Braidwood Stati	Address ON	U	nit <u>01</u>			
	35100	S. Rt. 53 Suite 8	4, Braceville, IL	50407 <u>V</u>	Vork Request No. 99	165341-0	)1	· · · · · · · · · · · · · · · · · · ·
3.	Work F	Performed by <u>N</u>	Address Iechanical Maint	enance T	Repair ype Code Symbol Sta	Organization mp Not	, P.O. No., Job Na., etc. Applicable	
	35100	S. Rt. 53 Suite 8	Name 4, Braceville, IL	6 <b>0407</b> E	xpiration Date Not	Applicat	de	· · · · · · · · · · · · · · · · · · ·
4.	Identifi	cation of System	Address RY - PRESSUR	IZER	<u></u>			
5.	(a) Ap	plicable Constru	ction Code Section	on III 1 19 71	Edition, <u>W'72</u> Add	enda, <u>N</u>	A Code Case	•
	(b) Ap	plicable Edition	of Section XI Util	ized for Repairs o	r Replacement Compo	onents 19	89	
6.	Identifi	cation of Compo	nents Repaired or	Replaced and Rep	placement Component	S		
Nam Come	ne of	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Berik	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE,	RELIEF	O.E.M.	N/A	N/A	1RY8010A M-60-5	N/A	REPLACED	YES
VALVE,	RELIEF	CROSBY	S/N #N56964-00-0110	N/A	UTC #0002059075	76	REPLACEMENT	YES
			1				4	

7. Description of Work REMOVED RELIEF VALVE FROM SYSTEM AND REPLACED WITH REBUILT

8.	Test Conducted:	Hydrostatic	] Pneumatic	Nomina	al Operating Pres	ssure 🔀	
	VIZ Complete	Other	Pressure 224	🖌 psi	Test Temp.	.557	℉

.

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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

### FORM NIS-2 (Back)

	CROSby NV-1	Atached		**	
	•				
		e	<u> </u>		
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
We certify that	the statements made in the	FIFICATE OF COMPLI	ANCE	onforms to the rules of t	he
ASME Code, S	Section XI.		15 Kent HCE PC		
	· · · ·		• • •		
Type Code Syn	nbol Stamp	Not applicable			<u></u>
Certificate of A	Authorization No.	of collection	Expiration	Date and Analysis	he
		. An			
Signed	GAL an	iell		Date 10/10/01, ,1	<u>.</u>
	Contraction and the second				
<u></u>	CEDTIEIC	ATE OF DICEDUICE D	ISPECTION	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
I, the undersign	ned, holding a valid comm	hission issued by the Natio	nal Board of Boile	r and Pressure Vessel	
Inspectors and	the State or Province of		and employed t	WHSBISI CO	_
of HARTE	oro, CT.	have in	spected the compc	nents described in this	<u> </u>
Owner's Repor	t during the period 10-	29.00 to 1	10-10-01	, and state that to	o the
best of my kno	wledge and belief, the Ow	vner has performed examin	nations and taken c	orrective measures desci	ribed i
the Owner's Re	eport in accordance with t	he requirements of the AS	ME Code, Section	XI.	
By signing this	certificate neither the Ins	pector nor his employer m	nakee any warranty	expressed or implied	
concerning the	examinations and correct	ive measures described in	this Owner's Repo	rt Furthermore neither	the
Inspector nor h	is employer shall be liable	e in any manner for any pe	ersonal injury or pr	operty damage or a loss	of any
kipd arising fro	om or connected with this	inspection.			
L. Le	en	Commissio	ns 32-# 10;	35	
	Inspector's Signature	·····	National Bor	rd, State Province, and Endorsements	

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

	والمتحير والمتحد والقادم				A 75	9.401	1	
	Owner	Exelon General	tion Co., LLC	Dat	e 9131	01		
	300 Ez	kelon Way, Kenn	Name Nett Square, PA 1	9348 She	et 1 of 2			
	Dient	Braidwood Stati	Address	Uni	it 01			
•	rials !				rk Request No.	юЭ	55895-0	1
	35100	5. KL 55 Suite 64	, Draceville, IL v	<u></u>	RA ACQUEET AND		DO No. Job No. etc.	
	Work F	Performed by M	Address echanical Maint	enance Tyj	pe Code Symbol Stam	p Not	Applicable	
•			Name	Au	thorization No. Not A	pplicab pplicab	le	
	<u>35100</u>	S. Kt. 53 Suite 84	Address			.t		
	Identifi	ication of System	<u>_5D/</u>	STEAM GE	N. BLOW VOW	<u> </u>		
	(a) Ap	plicable Construc	tion Code Section	on III CIA 19 74	Edition, 574 Adden	nda, _	Code Case	•
	(h) Ar	mlicable Edition of	of Section XI Util	ized for Repairs or	Replacement Compon	ents 19	89	
	(0) 11			Dealers I and Deal				
•	Identifi	ication of Compos	ients Repaired or	Replaced and Repl				
Na	me of	Name of	Manufacturer	National board	Other	Year	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Com	ponent	Manufacturer	Serial No.	NOT	Mail 60 2 2092 5	N/A	REPLACED	XES
<u>sh vi</u>	ber	PACIFIC	1251	NOT	UTC *	180	REPLACEMENT	YES
NUC	DER	SCIENTIFIC	10395	Applicable	2618587			
						<u> </u>		
					· · · · · · · · · · · · · · · · · · ·	<u>                                      </u>		
								<u></u>
 	Descri	ption of Work _ R	EPLACE SI	NUBBER FOR	HAGR ISD 22	9093	95	
  /. 3.	Descrij Test C	ption of Work <b>R</b> onducted: Hyd	EPLACE Si	eumatic 🗌 Nom	HAGR <sup>®</sup> ISD 2.2 inal Operating Pressu	<b>2093</b> re □	5	
	Descrij Test C	ption of Work <u>R</u> onducted: Hyd		NUBBER FOR	HNGR <sup>®</sup> ISD Z a inal Operating Pressu	9093 re 🗆	9 <b>5</b>	
· · · · · · · · · · · · · · · · · · ·	Descrip Test C V7 · 3	ption of Work <u>R</u> onducted: Hyd Oth EXAM ComPLE	rostatic Pro	NOBBER FOR eumatic D Nom essure <u>N/A</u> P	HAGR ISD Z. inal Operating Pressur si Test Temp.	9093 re 🗆	°F	
  • •	Descrip Test C VT·3 Note:	ption of Work <u>R</u> onducted: Hyd Oth Exam ComPLI Supplemental she	EPLACE 51 rostatic Pro er Pre FTCO ets in form of list 1 themsho 6 or th	Example 2 for $M \to B \oplus ER$ for $M \to B$ for B for $M \to B$ for M \to B for	HAGR <sup>®</sup> ISD 2.2 inal Operating Pressur si Test Temp vings may be used, pro- t on each sheet, and (3)	eo93 re	°F 1) size is 8-1/2 in. : sheet is numbered a	x 11 in., md the numb
	Descrip Test C V1·3 Note: (2) info sheets	ption of Work <u>R</u> onducted: Hyd Oth EXAM ComPLI Supplemental sho ormation in items is recorded at the	EPLACE Su rostatic Pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro- pro-	Eumatic Nomessure <u>Ma</u> parts, sketches, or drawnis report is included	HNGR <sup>®</sup> ISD 2.2 inal Operating Pressures si Test Temp vings may be used, pro- t on each sheet, and (3)	by ided (	°F 1) size is 8-1/2 in. : sheet is numbered a	x 11 in., and the numb
7.	Descrij Test C VT·3 Note: (2) info sheets LEP	ption of Work <u>R</u> onducted: Hyd Oth Exam ComPLI Supplemental she ormation in items is recorded at the Exa c E M EXA S	EPLACE Si rostatic Pro- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre- Pre-	Eumatic $\square$ Nomessure $N/A$ Puts, sketches, or drawnis report is included	HNGR ISD 22 inal Operating Pressur si Test Temp. A rings may be used, pro- d on each sheet, and (3) WILCY TESTED	Poq3 re	°F 1) size is 8-1/2 in. : sheet is numbered a <i>TO INISTAUC</i>	к 11 in., and the numb А Глом
7.	Descrip Test C VT·3 Note: (2) info sheets LEP	ption of Work <u>R</u> onducted: Hyd Othe Supplemental she ormation in items is recorded at the ACEMEN S	EPLACE 51 rostatic Pro- er Pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- pre- p	Example $N$ and $N$ a	HAGR <sup>®</sup> ISD ZZ inal Operating Pressur si Test Temp. A vings may be used, pro- d on each sheet, and (3 willy TESTED A	ech s	°F 1) size is 8-1/2 in. : sheet is numbered a 2 70 in/sTAUC 08/04/01	x 11 in., and the number A 1700-

REPLACEME	ENT SAUBBER	••••	•		
·····				•	· · · · · · · · · · · · · · · · · · ·
				•	
					· · · · · · · · · · · · · · · · · · ·
'					
		··· ··· ··· ··· ··· ···			
ł	CE	RTIFICATE OF (	COMPLIANCE		
We certify that the	e statements made in the	report are correct ar	nd this Repraces	conforms to	the rules of the ASM
Section XI.			sepuir or replaces	cal.	
These Code Symple		- Anne	~	· ·	
Type Code Symbo		71746786	<u> </u>	······································	
Certificate of Auth	horization No.	ARUCARLE	Expir	ation Date	- Am une
1	1	<i><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></i>	F=		8 64.01
Signed Jen	John			Date 09/	04 252001
	Owner or Owner's Designee, Tr	de .			
					· · · · · · · · · · · · · · · · · · ·
	CERTIFI	CATE OF INSER	VICE INSPECT	ION	· · · · · · · · · · · · · · · · · · ·
I, the undersigned,	, holding a valid commiss	sion issued by the N	lational Board of	Boiler and Press	ure Vessel Inspectors
State or Province of	of ILLINOIS		and emplo	yed by HST	31 · 1 co.
01 HARTFOR	<u>10, ca.</u>	ha	ve inspected the c	omponents descr	ibed in this Owner's
log or the period	Inf the Owner has more	UJ	9-21-01	, ai	a state that to the De
in accordance with	the requirements of the	ASME Code Secti	and taken context		
	i dio i oqui chiata di dio				
By signing this cer	rtificate neither the Inspe	ctor nor his employ	er makes any war	ranty, expressed	or implied, concerni
examinations and	corrective measures desc	ribed in this Owner	's Report. Furthe	rmore, neither th	e Inspector nor his e
shall be liable in a	ny manner for any persor	nal injury or proper	y damage or a los	s of any kind ari	sing from or connect
this inspection.					
x \ .	L	Commi	ssions T	10-25	·
L. male			N	DORN BOARD, SLILE PROVINCE, MA	Englischenkenis
L. mile	Tablectal. 2 Stantas		21	•	

(12/82)

°F

### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT

As Required by	the Provisions of	the ASME	Code Section XI
----------------	-------------------	----------	-----------------

		4 15 9.401
1.	Owner Exelon Generation Co., LLC	Date 9 3 01
	Name	
	300 Exelon Way, Kennett Square, PA 19348	Sheet of <u>2</u>
•	Address	
2.	Plant Braidwood Station	
	Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 00 355 895-01
_	Address	Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by Mechanical Maintenance	Type Code Symbol Stamp Not Applicable
	Name	Authorization No. Not Applicable
	35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Expiration Date Not Applicable
4.	Identification of System <u>SD/STEAM</u>	GEN. BLOW DOWN
5.	(a) Applicable Construction Code Section III (12 19	74 Edition, 574 Addenda, N/ Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989

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)
SHUBBER	OEM	12511	NOT Applicable	M-150230935	マシ	REPLACED	XES
SHUDDER	PACIFIC SCIENTIFIC	10395	NOT APPURABLE	UTC + 2618584	'80	REPLACEMENT	Yes

7. Description of Work REPLACE SNUBBER FOR HAGR 150230935

8.

Test Conducted:

Hydrostatic Pneumatic Nominal Operating Pressure 

Other Pressure N/A psi Test Temp. N/A

VT.3 EXAM COMPLETED 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.

LEPLACEMENT SNUBBER WAS FUNCTIONALLY TESTED PRION TO INSTALLATION (12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

## FORM NIS-2 (Back)

•

1

			· · ·	
<u> </u>				
······································				
				-
· · · · · · · · · · · · · · · · · · ·		••••••••••••••••••••••••••••••••••••••		
1		·····		
1	CERT	IFICATE OF COMPI	IANCE	
We certify that	the statements made in the repo	ort are correct and this A	REPLACEMENT conforms to	the rules of the ASM
Section XI.			sepain or replacement	
Type Code Syn	abol Stamp Nor	Amiciale		
	· · · · · · · · · · · · · · · · · · ·			
Certificate of A	uthorization No. Mos A	IPLICABLE	Expiration Date	Anime
Signed	Male		Date 08/	Bayal
	Owner or Owner's Designer, Title			24 25.001
····				·································
L the undersign	CERTIFICA?	TE OF INSERVICE I	NSPECTION	
State or Provinc	e of The ways	issued by the National .	Board of Boiler and Pressu	re Vessel Inspectors
OF HARTE	sho, CT.	have inspec	ted the components descri	bed in this Owner's
during the perio	1 <u><u><u>G</u>-4-01</u> relief the Owner has performent</u>	to 9-2	01, and	i state that to the bes
in accordance w	ith the requirements of the ASN	VE Code. Section XI.	a correcuve measures desc	ribed in the Owner's
Drugioniu - thi-		,		
examinations an	d corrective measures described	nor his employer makes	any warranty, expressed of	r implied, concernin
shall be liable in	any manner for any personal in	iury or property damag	e or a loss of any kind aris	Inspector nor his en
this inspection.	••	J J - I - I - J8		
L. mal	Inspector's Signature	Commissions	ILa 1085	•
Data har -	-10		A series to a 4, case and b	20013-0114015
Date das _ 2	- ,29001			

ţ

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

	mmonwealth Edison e First National Plaz od ComEd Plant 100 S. Rt. 53 Suite 8 ned by MECHANICA ComEd Plant. 3510 of System5.1 ble Construction Cocc ble Edition of Section of Components Rep	Company Name ca. Chicago, IL 60690 Address Name 4. Braceville, IL 6040 Address Address Address S. Rt, 53 Suite 84, 6 Address S. Rt, 53 Suite 84, 6 Address	7 <u>Braceville, IL 60407</u> <u>y Injection</u> 19 <u>71</u> Edition, rs or Replacement 19_ d Replacement Compo	Date Sheet Unit Unit Unit Type Code Symb Authorization Expiration Date  Moder 89	-21-0 	/ 3 7854-01 Inganization P.O. No., Jk N/A N/A N/A	b No., etc.
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)
N0226	Not	NOT Applicable	No T Applicable	237 8856A	N/A	Replaced	NO
Normi-	Amelost	NG0137-10-03<3	NOT Applicable	UTC 000205 \$027	2000	Replacement	ن دم
Nussle	NOT	NOT Ardinality	pit	2388856A	NA	Replaced	NO
Die Insert	Amelau	1190448-85-0330	NOT	UTC 0002032642	i998	Replacement	NO
7. Description 8. Test Condu VALVE Note: Supplem this repo	of Work <u>REBUIL</u> cted: □ Hy X Ott /S Not IM ental sheets in form of t is included on each	D STOCK drostatic □ Pre- her: N/A Pressu STALLED /A of lists, sketches, or d sheet, and (3) each s	eumatic □ Nom ure pa v System/ C trawings may be used, sheet is numbered and	IEF VALVE.	ETING EN VA 2 in. x 11 in recorded	°F <i>WILL</i> B <i>LVE IS</i> R n., (2) information i at the top of this fo	$E = PERFORMAT AC20 IN SERVI n items 1 through 6 on m. S_{J}$

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

1

22

*.*\*.

	BwAP 1600-5A1
	Revision 5
	Information Use
FORM NIS-2 (Back)	TS 5/28/01 PRODUCT CERTIFICATION
ANT MONTHALTURER'S FORM	12 CERTIFICATE
Remarks ATTACNED NES Applicable Manufacturer's Data Reports to be attached	4 N.Z. For NOZZLE,
OF COMPLIANCE FOR VALUE STINDLE, FOR	
IND PRODUCT CERTIFICATION FOR DISCL	NS ERG.
	· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE	
Q.Q. Q. C. AQUI	An A ON IT Cade Section VI
We certify that the statements made in the report are correct and this	ns to the rules of the ASME Code, Section A.
1- Am ARIX	
ype Code Symbol Stamp Not MITCL CAVIS C C	1 - APP , ARIA
Sertificate of Authorization NoNOT APPLICABLE	Expiration Date
	1001 28 ZOOI
Signed Juntallinsa	Date MINICA TJ3/24/d
Owner or Owner's Designee, Inte	7-19-1
	CTION
CERTIFICATE OF INSERVICE INC.	the state of Province
the lating a wall a commission issued by the National Board of Boiler and	of Hangton CT.
I the undersigned, holding a valu continiission issued by the	
I, the undersigned, holding a value continues of <u>HSTBL+1</u> <u>co</u> , of <u>ILLINOIS</u> and employed by <u>HSTBL+1</u> <u>co</u> ,	
I, the undersigned, holding a value commission is $H = T_1 - 1 - c_0$ , of <u>ILLNOSS</u> and employed by <u>H=T_3(-1)</u> - 1 - 1 - c_0. have inspected the components described in this Owner's Report during the period <u>11-16</u> - teta	of <u>3-2-4-01</u> , and
I, the undersigned, holding a valid commission BSR 1 + 1 co. of <u>TULNOUS</u> and employed by <u>HSBI+1co.</u> have inspected the components described in this Owner's Report during the period <u>11-1c</u> . 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
I, the undersigned, holding a value commission Bobs (1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	corrective measures described in this Owner's Report in
I, the undersigned, holding a valid continuisson Hobbit I - 1 - 0, of <u>IUINOSS</u> and employed by <u>Hobbit I - 1 - 0</u> , have inspected the components described in this Owner's Report during the period <u>11-15</u> state that to the best of my knowledge and belief, the Owner has performed examinations and taken accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the Inspector nor his employer makes any warranty, ex	corrective measures described in this Owner's Report in pressed or implied, concerning the examinations and this employer shall be liable in any manner for any
I, the undersigned, holding a value commission insistent insistent insistent insistent insistent in the set of the components described in this Owner's Report during the period <u>11-16</u> have inspected the components described in this Owner's Report during the period <u>11-16</u> state that to the best of my knowledge and belief, the Owner has performed examinations and taken accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the Inspector nor his employer makes any warranty, ex- corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor	of $3-2-(x-x)$ , and corrective measures described in this Owner's Report in pressed or implied, concerning the examinations and his employer shall be liable in any manner for any spection.
I, the undersigned, holding a value commission insistent in the period <u>11-15</u> have inspected the components described in this Owner's Report during the period <u>11-15</u> state that to the best of my knowledge and belief, the Owner has performed examinations and taken accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the Inspector nor his employer makes any warranty, experiments of a loss of any kind arising from or connected with this inspector nor personal injury or property damage or a loss of any kind arising from or connected with this inspector.	of $3-2-(1-3)$ , and corrective measures described in this Owner's Report in pressed or implied, concerning the examinations and this employer shall be liable in any manner for any spection.
I, the undersigned, holding a value commission mission mission mission mission mission mission and employed by	of <u>3-2-8-01</u> , and corrective measures described in this Owner's Report in pressed or implied, concerning the examinations and his employer shall be liable in any manner for any spection.
I, the undersigned, holding a value commission mission	of <u>3-2-4-01</u> , and corrective measures described in this Owner's Report in pressed or implied, concerning the examinations and this employer shall be liable in any manner for any spection.
I, the undersigned, holding a valid commission Bob I + 1 co. of <u>Turners</u> and employed by <u>HobBI + 1 co.</u> have inspected the components described in this Owner's Report during the period <u>11-16</u> state that to the best of my knowledge and belief, the Owner has performed examinations and taken accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the Inspector nor his employer makes any warranty, exp corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor personal injury or property damage or a loss of any kind arising from or connected with this ins <u>Lucuum</u> inspector's Signature Date <u>98 - 21</u> , <u>79991</u>	of <u>3-2-4-01</u> , and corrective measures described in this Owner's Report is pressed or implied, concerning the examinations and this employer shall be liable in any manner for any spection.

(12/82)

•

2

Ż.

# FORM NIS-2 SUPPLEMENTAL SHEET

1. O 2. F 3. \ 4. 5.	wner: Plant: BrAcc Identifica (a) Apl Co	Comm One Fi Chicaç Braidw 35100 Brace formed <u>vect</u> tion of blicable de Cas	onwealth Edison Co irst National Plaza go, Illinois 60690 wood ComEd Plant S. Rt. 53 Suite 84 ville, Illinois 60407 I by <u>Mechanica</u> <u><math>flant 35100</math></u> <u><math>Tl 60407</math></u> System <u>5</u> Construction Code es <u><math>U/A</math></u>	Al Maint: Name <u>S. Rt53 Su</u> Address <u>I SAFe</u> <u>Sect.</u> <u>Sect.</u>	<u>iite 84</u> <u>ty Joject</u> III	Unit (مور)	Sheet     _3       Date     _3-       Unit	     	<u></u>	Addenda
6.	Identific	ation of	Components Repair	ired or Replaced and	Replacement Comp	onent	S.	Vear	Repaired,	ASME
	Name o		Name of Manufacturer	Manufacturer Serial No.	National Board		Identification	Built	Replaced, or Replacement	Code; Stamped (Yes or No)
1	Joinpone			157.	NO.	+7	518856A	NA	Replaced	NO
SPIN	halle As	em.	N'Applicable	Applicable	Noticable	141	Con 20 3 4912	1998	Replacement	54
SPU	ndle A	For M	Crosby	347960 XX 485	Applicable	+			<u> </u>	
				5/41		-				
				KS5162-85-02-13		-				<b></b>
									<u></u>	<u> </u>
				<u> </u>			•			<u> </u>
Ļ				<u> </u>					<u></u>	
					+					
			<b> </b>	╂	1				·	+
					1					
-			<b> </b>							+
<u> </u>			<u> </u>							
										- <del> </del>
			+							
			+							
			+							
l			1			- 1		1	1	

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

2.	300 Ex	elon Way, Kenr Braidwood Stati	nett Square, PA 1 Address On Name	<u>19348</u>	Sheet         /         of         2           Unit         0/				
	<u>35100 S</u>	. Rt. 53 Suite 84	i, Braceville, IL (	60407	Work Request No. 🤌	0355	436-01		
3.	Work Pe	erformed by M	Address echanical Maint	enance	Repair Or Fype Code Symbol Stam Authorization No. Not A	ganization, p <u>Not</u> pplicat	P.O. No., Job No., etc. Applicable le		
	<u>35100 S</u>	. Rt. 53 Suite 84	, Braceville, IL (	60407	Expiration Date Not A	pplicab	le		
4.	Identific	ation of System	Address SI-SAfe	ty INLection	)				
5.	(a) Adi	olicable Construc	ction Code Section	on III CI 2 19 7	/ Edition, W72Adden	nda,	Code Case	, <sup>1</sup>	
	(-) - PI								
	(h) And	olicable Edition	of Section XI Util	ized for Repairs	or Replacement Compon	ents 19	89		
	(0) 14			-	-				
_	(0) 110		- · ·						
б.	Identific	cation of Compo	nents Repaired or	Replaced and Re	placement Components				
6.	Identific	cation of Compos	nents Repaired or	Replaced and Re	eplacement Components	Year	Repaired, Replaced,	ASME Code; Stampe	
6. Narr Comp	Identific	Name of Manufacturer	Manufacturer Serial No.	Replaced and Re	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stampe (Yes or No)	
6. Comp B 55 Acciect	Identific	Name of Manufacturer	nents Repaired or Manufacturer Serial No. RT2-10	Replaced and Re National board No. 20322	Other Identification	Year Built 171	Repaired, Replaced, or Replacement Repared	ASME Code; Stampe (Yes or No)	
6. <u>Comp</u> <b>B</b> 51 <u>24C/AC</u> ASS 64	Identific cont cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont Cont C	Name of Manufacturer KEADTEST FLOW SERVE CORD.	Manufacturer Serial No. LT2-/0 332459-2	Replaced and Re National board No. 20322 N/A	Other Identification 15[89/9]B CAT: J:D. 00/9/4 UTE. 00 26 209/8	Year Built 171 198	Repaired, Replaced, or Replacement Replaced Leplaced	ASME Code; Stampe (Yes or No)	
6. Comp (B 55 (B 55 (A 55 CALUA ASS FAN	Identific roof Aurop CHack DISC ISC	Name of Manufacturer Kelotes T Flow Stewe Cosp.	nents Repaired or Manufacturer Serial No. LT2-/0 332459 - 2	Replaced and Re National board No. 20322 N/A	Cher Identification Unter IST 8919 B CAT: J.D. GO1914 UTC. GO 2620918	Year Built 171 198	Repaired, Replaced, or Replacement Reparato Leplacato	ASME Code; Stampe (Yes or No)	
6. Comp (B SI <u>Acciac</u> VALUA ASERM	Identific re of cont Aump CHACK DISC	Name of Manufacturer KEADTEST Flow SERVE CORP.	nents Repaired or Manufacturer Serial No. $\mathcal{L}T2 - 10$ 332459 - 2	Replaced and Re National board No. 20322 N/A	CAT: J:D. 001914 UTC. 00 26 20918	Year Built 171 198	Repared, Replaced, or Replacement Reparedo Leplaced	ASME Code; Stampe (Yes or No)	
6. <u>Comp</u> 1 B 55 <u>24C/AC</u> VALUA ASERM	Identific cont Aurop Ctrack DISC ISC	Name of Manufacturer Kelotes T Flow Stewe	nents Repaired or Manufacturer Serial No. & T2 - 10 332459 - 2	Replaced and Re National board No. 20322 N/A	Cher Identification 15789198 CAT: J.D. 001914 UTC. 002620918	Year Built 177 198	Repaired, Replacement Reparato Leplacato	ASME Code; Stampe (Yes or No)	
6. Nar Comp I & SI Reciac VALUA ASSAM	Identific rof CHACK DISC IGCY	Name of Manufacturer KENDTLST Flow SERVE Cosp.	nents Repaired or Manufacturer Serial No. & T2 - 10 332459 - 2	Replaced and Re National board No. 20322 N/A	CAT: J:D. 00/9/4 UTE. 00 26 209/8	Year Built 171 198	Repaired, Replaced, or Replacement Replaced Leplaced	ASME Code; Stan (Yes or N	
6. Nar Comp / B SI Q <u>eciac</u> VALUA ASSAM	Identific re of CHRCK DISC IBLY	Name of Manufacturer KENOTEST FLOW SERVE COSP.	nents Repaired or Manufacturer Serial No. & T2 - 10 332459 - 2	Replaced and Re	Other Identification 15T8919B CAT: J.D. GO1914 UTE. OD 2620918	Year Built 177 198	Repaired, Replaced, or Replacement Replaced	ASME Code: Stamp (Yes or No)	
6. Narr Comp / B 51 <u>Acciac</u> VALUA ASSAN	Identific rof CHACK DISC IGCY	Name of Manufacturer KELOTEST FLOW SERVE CORP.	Manufacturer Serial No. RT2-/0 332459-2	Replaced and Re National board No. 20322 N/A	Eplacement Components Other Identification 15T8919B CAT. J. D. 001914 UTC. 00 2620918 UTC. 00 2620918	Year Buik 177 198	Repaired, Replaced, or Replacement Replacedo Leplacedo	ASME Code; Stampe (Yes or No)	
6. Narr Comp I B SI Queriae VALUA ASSAM 7.	Identific re of CHACKE DISC DESCRIPT	Name of Name of Kelotes T Flow Steve Cosp.	Manufacturer Serial No. RT2-/0 332459-2	Replaced and Replaced and Replaced and Replaced $\frac{National board}{No.}$ 20322 N/A	Cher Identification 15[8919 B CAT. J.D. 001914 UTC. 00 2620918	Year Built 171 198	Repaired, Replaced, or Replacement Replaced Leplaced 34	ASME Code; Stampe (Yes or No)	
6. Nar Comp 1 & 55 <u>Rec.ac</u> VALUA ASSAM 7. 8.	Identific of CHACK DISC Descript Test Co	Name of Name of Manufacturer KENDTEST FLOW SERVE COSP. tion of Work	Manufacturer Serial No. $\mathcal{L}T2-/0$ <b>332459-2</b>  <b>404/10</b> /52 rostatic $\Box$ Pne	Replaced and Replaced and Replaced and Replaced $N_{0}$ . 20322 N/A N/A B 9/9 B (2) cumatic $\square$ No	Cher IST 89/9 B CAT: J:D. 00/9/4 UTE. 00 26 209/8 Heck Vulue Le pominal Operating Pressure	Year Built 177 198 	Repaired, Replaced, or Replacement Replaced Leplaced By	ASME Code; Stampe (Yes or No)	
6. Narr Comp / B 51 <u>Qeciac</u> VALUA ASSAN 7. 8.	Identific sof CHACK DISC RKY Descript Test Co VT 2.	Name of Manufacturer Kelotts T Flow Seewe Cosp. tion of Work <u>M</u> nducted: Hyd	Manufacturer Serial No. RT2-/0 332459-2	Replaced and Replaced and Replaced and Replaced $\frac{National board}{No.}$ 20322 N/4 = = = = = = = =	Cher Identification 15 I 8919 B CAT. J. D. 001914 UTC. 00 26 20918 UTC. 00 26 20918 UTC. Unlike Common Common Height Unlike Common Common Common Design Text Texts	Year Built 177 198 	Repaired, Replaced, or Replacement Replaced Leplaced By	ASME Code; Stamp (Yes or No V	

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.

.

. .

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

.

• •

### FORM NIS-2 (Back)

	NZ Attached.					
	•					
- <u></u>						
We cortify that the sta	CERTIFICATE OF COMPLIANCE					
ASME Code, Section	XI. repair or replacement					
m G 1. C	when an in a line of the					
Type Code Symbol St	tamp DOT HOPTICHUSE					
Certificate of Authori	zation No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>					
Signed	Date 10/4/01 .					
Owner or Owner' Designee, Title						
<u></u>	CERTIFICATE OF INSERVICE INSPECTION					
I, the undersigned, ho	lding a valid commission issued by the National Board of Boiler and Pressure Vessel					
Inspectors and the Sta	ate or Province of Durabis and employed by Horai i Co.					
of HARSTFORE	$rac{1}{2}$ , $rac$					
best of my knowledge	and belief, the Owner has performed examinations and taken corrective measures described in					
the Owner's Report in	n accordance with the requirements of the ASME Code, Section XI.					
	texts with a the Increased or implied.					
By signing this certifi	inations and corrective measures described in this Owner's Report. Furthermore, neither the					
Inspector nor his emp	ployer shall be liable in any manner for any personal injury or property damage or a loss of any					
kind arising from or c	connected with this inspection.					
I horse	Commissions LL-# (095)					
Date 10-7-	,# 2001					

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

1.	Owner Exelon Generation Co., LLC	Date 10/05/01
	Name 300 Exelon Way, Kennett Square, PA 19348	Sheet 1 of 2
2.	Address Plant Braidwood Station	Unit <u>01</u>
	Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407	Work Request No. 990158478-01
3.	Address Work Performed by <u>Mechanical Maintenance</u>	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable
	Name	Authorization No. Not Applicable
4.	Address Identification of System SI - SAFETY INJECTION	
5.	(a) Applicable Construction Code Section IIIC(2 19	71 Edition, W'72 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989\_\_\_\_

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, RELIEF	O.E.M.	N/A	N/A	1SI8856B M-61-4	N/A	REPLACED	YES
VALVE, RELIEF	CROSBY	S/N #N56902-00-0008	N/A	UTC# 0002603995	75	REPLACEMENT	YES
•.							

### 7. Description of Work REPLACED VALVE

8.	Test Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pre	ssure 🛛	]	
			TS-10-	9.01			_	
	CODE CASE N416-1	Other	Pressure -335	• psi	Test Temp.	125	°F	
	VT-2 EXAM PERF	orned	4851	RH SVS.	DISCUARCE	5	<u> </u>	
	Note: Supplementa	al sheets in form c	of lists, sketches, or	r drawing	s may be used,	provided (	(1) size is 8-1/2 in. x 1	11
	in.,			-	•	-		
	(2) information in i	tems 1 through 6	on this report is in	cluded on	each sheet, an	d (3) each	sheet is numbered and	i the
	number of sheets is	recorded at the to	op of this form.		<b>,</b>			

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

VA S.N	. 156902-00-0008
·	•
<u></u>	
·	
When a set if a	CERTIFICATE OF COMPLIANCE
ASME Co	de, Section XI.
Type Code	e Symbol Stamp Not APPLICABLE
Certificate	e of Authorization No. Nor APPLICABLE Expiration Date Nor APPLICABLE
0. 1	J.O. O.
Signed _	Owner or Owner + Designer, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors	and the State or Province of ILLinesis and employed by HSCIICO.
Owner's H	Report during the period 3 - 20
<sup>•</sup> best of my	y knowledge and belief, the Owner has performed examinations and taken corrective measures described in
the Owner	r's Report in accordance with the requirements of the ASME Code, Section XI.
By signing	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
concernin	g 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 arisi	ng from or connected with this inspection.
A. M.	Inspector's Signature  CONTINUESTOILS  CONTINUESTOILS  National Board, State Province, and Enformements

.