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Nuclear

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United States Nuclear Regulatory Commission

ATTN: Document Control Desk Washington, DC 20555-0001

Byron Station, Unit 2

Facility Operating License No. NPF-66

NRC Docket No. STN50-455

SUBJECT:

Byron Station Unit 2 90-Day Inservice Inspection Report for Interval 3, Period 2,

(B2R15)

The subject 90-Day Inservice Inspection Report for the Byron Station Unit 2, Refueling Outage Fifteen (B2R15) is being submitted pursuant to the requirements of Article IWA-6000, "Records and Reports" of Section XI, "Rules for Inservice inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code 2001 Edition through the 2003 Addenda. The report covers the inservice inspections conducted prior to and during the Unit 2 Spring 2010 refueling outage.

If there are any questions regarding this matter, please contact Dave Gudger, Regulatory Assurance Manager, at (815)-406-2800.

Respectfully,

Daniel J. Enright

Site Vice President Byron Generating Station

U. S Adama for

DJE/RGM/TLH/cy

Attachment:

B2R15 Inservice Inspection Summary Report – Spring 2010 outage

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Exelon.

UNIT 2

Nuclear

B2R15

Spring 2010 Outage

INSERVICE INSPECTION SUMMARY REPORT

from October 24, 2008 to May 8, 2010

Commercial Service Date August 21, 1987

Document Completion Date July 29, 2010

Exelon Generation Company (EGC, LLC) 4300 Winfield Rd Warrenville, IL 60555

> Byron Nuclear Power Station 4450 North German Church Rd. Byron, IL 61010



Nuclear

B2R15

INSERVICE INSPECTION SUMMARY REPORT

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SECTION 1.0

Byron Station Unit 2 Refueling Outage 15 Inservice Inspection Report

1.1.0 INTRODUCTION

Inservice inspections of American Society of Mechanical Engineers (ASME) Class 1, 2, 3, CC, and MC components were conducted at Byron Station Unit 2 from October 24, 2008 through May 8, 2010. The majority of these inspections were performed during the fifteenth refueling outage (B2R15) from April 19 through May 8, 2010.

B2R15 is the first outage of the Second Period in the Third Inspection Interval.

The examinations were performed in compliance with the rules and regulations of ASME Section XI 2001 Edition, through the 2003 Addenda, pursuant to the requirements of 10 CFR 50.55a.

See 1.7.0 of the introduction for a listing of referenced documents.

This summary report meets the requirements of ASME Code, IWA-6000 for the inspection of Class 1 and 2 components and piping. Class CC and MC components in the Containment Inservice Inspection (CISI) program are included when examination results require reporting as specified in 10 CFR 50.55a.

The Nondestructive Examination (NDE) Inservice Inspection (ISI) Program Plan for Class 1, 2, 3, CC, and MC components was developed in accordance with the requirements and intent of Section XI Subsections IWA, IWB, IWC, IWD, IWE, IWF and IWL, 2001 Edition, through the 2003 Addenda.

In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission (NRC) augmented ISI inspections and industry initiatives (NEI-03-08) were required. The Byron Station Unit 2 augmented ISI examination requirements include:

- Class 1 pressure boundary examinations for leakage at nominal operating pressure, in accordance with NRC Generic Letter 88-05;
- Class 1 Alloy 600 weld examinations in accordance with MRP-139, N-722, and N-729-1;
- Class 2 and 3 pressure boundary examinations for leakage at nominal operating pressure, in accordance with NUREG 0737.
- Examination of RCP Flywheels in accordance with Regulatory Guide 1.14.
- Class 1 examinations of non-isolable Reactor Coolant System branch lines for Thermal Fatigue in accordance with MRP-146;

Specific requests for relief were developed and submitted for the NRC's review when the code and/or augmented requirement(s) were deemed to be impractical, results in excessive hardship, or an alternative examination method is determined as more suitable for the particular component.

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Byron Station Unit 2 Refueling Outage 15 Inservice Inspection Report

1.1.1 Identification of Examination Requirements

The Section 7.0 of the ISI Program Plan contains the examination program tables. These tables are consistent with the tables found in Subsections IWB, IWC, IWD, IWE, IWF, and IWL-2500 of the ASME Code. The examination tables include the corresponding code category, item number, and component/weld selection in conformance with examination requirements and intent of Section XI.

For Class 1, 2, and certain non-class piping components, the requirements of Risk Informed Inservice Inspection (RI-ISI) are followed using EPRI TR112657 and Table 1 of ASME Code Case N-578-1.

1.1.2 Identification of Exempted Components

ASME Class 1, 2, and 3 components, or parts of components, that are not included in the examination tables and that are exempt from examination, as specified in Section XI Paragraphs IWB, IWC, and IWD-1200, and Tables IWB-2500-1, IWC-2500-1, and IWD-2500-1, are identified in the NDE Program Plan in conjunction with technical justification(s) for exempting the component/system.

Class 1 or 2 piping welds exempted by IWB and IWC-1200 are not included in the RI-ISI program. Previous selection and examination exemptions identified in Tables IWB and IWC-2500-1 for Examination Categories B-F, B-J, C-F-1, and C-F-2, are not allowed under the requirements of the RI-ISI program. With the adoption of RI-ISI, welds evaluated as Risk Category 6 or 7 are not subject to examination.

1.1.3 <u>Implementation of the ISI Program</u>

Exelon Nuclear, or its designee, examined ASME components utilizing the following methods: MT, PT, UT, VT-1, VT-2, and VT-3. The components examined comply with the ISI Program Schedule, Byron Station Technical Specifications, and/or comply with the ASME Section XI Repair/Replacement Program.

Personnel certified in nondestructive examination are qualified in accordance with ANSI/ASNT CP-189, 1995 Edition and ASME Section XI, 2001 Edition through 2003 Addenda including December 2003 Erratum.

All personnel performing ASME Section XI ultrasonic examinations are qualified to the requirements of ASME Section XI Appendix VII.

The NDE procedures were developed and qualified in conformance with ASME Section V and XI as applicable.

All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI IWA-2200. For components incorporated into the RI-ISI program, the guidance for the examination volume for a given degradation mechanism is provided by the EPRI Topical Report while the guidance for the examination method is provided by Code Case N-578-1.

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1.1.4 Significant Activities During B2R15

During the refueling outage, the Alloy 600 welds were examined for PWSCC per the requirements specified in N-722:

- All reactor vessel bottom-mounted instrument penetrations were visually examined for leakage Item B15.80 weldments.
- All reactor vessel hot leg safe-end welds were visually examined for leakage for Item B15.90 weldments.
- One Alloy 600 reactor vessel cold leg safe-end weld was visually examined for leakage for Item B15.95 weldments.
- The steam generator primary channel head drains were visually examined for leakage for Item B15.120 weldments.

The reactor vessel head exterior surface was visually examined for evidence of leakage per the requirements specified in N-729-1 Note (4) for Item B4.10 components. One repaired reactor head penetration was examined with surface and volumetric methods per Item B4.20 and the approved relief request I3R-16.

All weld overlays on the pressurizer safe-end welds were volumetrically examined. This examination complies with the requirements specified in MRP-139 for Category F welds and ASME Appendix Q Paragraph Q-4300(a). Use of Appendix Q was addressed in relief request I3R-08.

1.1.5 ASME Section XI Code Cases

N-566-2 is incorporated into the current Byron Station ISI Program and was utilized during this fuel cycle.

The implementation of the risk-informed program as described in relief request I3R-02 utilized N-578-1 during this Inspection Interval.

For Repair/Replacement activities, code cases are identified on the applicable Form NIS-2.

1.1.6 Witness and Verification of Examination

The inservice inspections were witnessed and/or verified by Authorized Nuclear Inservice Inspectors (ANII) associated with Hartford Steam Boiler CT of Hartford, Connecticut, Chicago Branch, at 2443 Warrenville Rd., Suite 500, Lisle, Illinois 60532.

1.1.7 Corrective Measures

A surface examination revealed two indications located in the fusion zone between two weld beads of an attachment weld on the 12" SI pipe to the flued head Penetration P-66 closure. The weld is identified in the Inservice Inspection Program as 2SI04B-12/C02 and was examined as Observation 15-203 in the outage. The

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BYRON STATION UNIT 2 REFUELING OUTAGE 15 INSERVICE INSPECTION REPORT

weld was selected under ASME Section XI Class 2 Examination Category C-C; Item C3.20. The indications were described in Issue Report 01057786 and OE 31183.

The indications were near the weld toe on the flued head side of the fillet weld. The indications followed the interface between the beads while being removed and were thus classified as lack of fusion. The areas of the indications were blended and the indications were completely removed.

Additional examinations were performed on other attachment welds of similar materials and service per the requirements of ASME XI IWC-2430. Welds 2RH01BA-12/C03 and 2SI05BA-8/C02 were examined as Observations 15-223 and 15-221 respectively. The additional examinations were acceptable and no other code related actions are required.

1.2.0 EXAMINATION SUMMARIES

The following section lists the summaries of examinations performed during the refueling cycle. Refer to Section 2.0 for each summary table for information or for specific tests and examinations conducted during this term.

- Welds & Components Summaries
 Inservice Inspection Weld / Component Listing
 Inservice Inspection Bolts, Pumps, and Valves Listing
 Preservice Inspection Weld / Component Listing
 Preservice Inspection Bolts, Pumps, and Valves Listing
- System Pressure Test Summaries
- Component Support Examination Summary
- Component Snubber Test Summary

1.3.0 UNIT 2 EXAMINATION COMPLETION STATUS

A summary table of the examination status of Class 1 and 2 components is contained in Section 3.0.

1.4.0 FORM NIS-1 DATA SHEETS

ASME Form NIS-1 were filed during the cycle for Unit 2. See Section 4.0 for the reports.

1.5.0 FORM NIS-2 DATA SHEETS

ASME Form NIS-2 were filed during the cycle for Unit 2. See Section 5.0 for the reports.

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1.6.0 CONTAINMENT ISI PROGRAM

No reportable conditions were identified for Class CC and Class MC components during this fuel cycle.

1.7.0 REFERENCED DOCUMENTS

1.7.1 Code of Federal Regulations, Title 10 Energy

Part 50: Domestic Licensing of Production and Utilization Facilities.

50.55a: Codes and Standards.

1.7.2 American Society of Mechanical Engineers Boiler and Pressure Vessel Code

Section V: Nondestructive Examination, 2001 Edition, through 2003 Addenda.

Section XI: Rules for Inservice Inspection of Nuclear Power Plant Components, 2001 Edition, through 2003 Addenda.

IWA-2200: Examination Methods.

IWA-6000: Records and Reports.

IWB, IWC: and IWD-1200, Components Exempt from Examination.

IWB, IWC: and IWD-2500, Examination and Pressure Test Requirements.

IWC-2430: Additional Examinations.

IWC-3512: Standards for Examination Category C-C, Welded Attachments for

Vessels, Piping, Pumps, and Valves.

Appendix II: Owner's Reports for Inservice Inspections.

Form NIS-1: Owners Report for Inservice Inspections.

Form NIS-2: Owners Report for Repairs or Replacements.

Appendix VII: Qualification of Nondestructive Examination Personnel for Ultrasonic Examination.

Code Case N-504-3: Alternative Rules for Repair of Classes 1, 2, and 3 Austenitic Stainless Steel Piping.

Code Case N-566-2: Corrective Action for Leakage Identified at Bolted Connections.

Code Case N-578-1: Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B.

Code Case N-722: Additional Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials.

Code Case N-729-1: Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds.

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Nonmandatory Appendix Q: Weld Overlay Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping Weldments (2004 Edition, through 2005 Addenda). Appendix Q was required for the installation of the weld overlays using Code Case N-504-3. Section Q-4300: Inservice Inspection.

1.7.3 American National Standards Institute / American Society for Nondestructive Testing

ANSI/ASNT CP-189: 1995 Edition, Standard for Qualification and Certification of Nondestructive Testing Personnel.

1.7.4 Miscellaneous NRC Documents

Generic Letter 88-05: Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants.

NUREG 0737: Clarification of TMI Action Plan Requirements.

Regulatory Guide RG 1.14: Reactor Coolant Pump Flywheel Integrity.

1.7.5 Electric Power Research Institute

Material Reliability Program: *Primary System Piping Butt Weld Inspection and Evaluation Guideline* (MRP-139) Revision 1, December 2008.

Material Reliability Program: *Management of Thermal Fatigue in Normally Stagnant Non-Isolable Reactor Coolant System Branch Lines* (MRP-146), June 2005.

Topical Report TR112657: Revision B-A, Revised Risk-Informed Inservice Inspection Procedure, December 1999.

1.7.6 Nuclear Energy Institute

NEI 03-08: Guideline for the Management of Materials Issues.

1.7.7 Byron Station Documents

Relief Request I3R-02: Alternate Risk-Informed Selection and Examination Criteria for Category B-F, B-J, C-F-1, and C-F-2 Pressure Retaining Piping Welds.

Relief Request I3R-08: Alternative Requirements of Structural Weld Overlays (SWOLs) of the Pressurizer Surge, Spray, Safety and Relief Nozzles, Dissimilar Welds including the SWOLs of the Safe-End to Pipe, Reducer and Elbow Welds on Pressurizer Surge, Spray, Safety and Relief Nozzles.

Relief Request I3R-16: Alternate Examination Frequency under ASME Code Case N-729-1 for Reactor Vessel Head Penetration Welds.

Issue Report 01057786: Recordable Indications Discovered During ISI Examination.

1.7.8 Institute of Nuclear Power Operations

OE31183: Unacceptable Surface Indications on a Safety Injection Flued Head Penetration Weld.

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SECTION 2.0



SYSTEM: Chemical & Volume Control System (CV)

	tion XI	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
- 4,	Cat.	Description	The second secon	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ivotes	OUVERAGE	LAUIII	
Comm	ents	# 4 2 2	and the state of t		<u> </u>	to the second		Par 2
R-A	R1.11	2CVA3B-2/W-70	2CVA3B-2	13R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01	•		
					I3T-02			
OBS 1	5-005							
R-A	R1.11	2CVA3B-2/W-71	2CVA3B-2	13R-02	B9.40		VT-2	NRI
		Elbow - Pipe	•		13T-01			
0004	- 000		,		13T-02	•		•
OBS 1	5-006					***		
R-A	R1.11	2CVA3B-2/W-72	2CVA3B-2	I3R-02	B9.40	-	. VT-2	NRI
		Pipe - Elbow			I3T-01			
OBS 1	E 007				13T-02			
			001/400.0	105.00			VT 0	MDI
R-A	R1.11	2CVA3B-2/W-73	2CVA3B-2	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			I3T-01		•	
OBS 1	5-008				13T-02	,		
		2CVA3B-2/W-80	2CVA3B-2	I3R-02	B9.40		VT-2	NRI
R-A	R1.11	Pipe - Elbow	20 V A3D-2	13H-02	I3T-01		V 1-2	INITI
		ripe · Libow			I3T-02			
OBS 1	5-009				101 02			
R-A	R1.11	2CVA3B-2/W-81	2CVA3B-2	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			I3T-01			
		,			13T-02			
OBS 1	5-010							
R-A	R1.11	2CVA5AA-2/W-06	2CVA5AA-2	13R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01			
					I3T-02			
OBS 1	5-011							~
R-A	R1.11	2CVA5AA-2/W-07	2CVA5AA-2	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			I3T-01			
OBC 1	E 010				13T-02			
OBS 1								
R-A	R1.11	2CVA6AA-2/W-04	2CVA6AA-2	13R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01			
OBS 1	5-013				I3T-02			
		2014644 244 05	201/4644-2	ISD 03	B9.40		VT-2	NRI
R-A	R1.11	2CVA6AA-2/W-05	2CVA6AA-2	I3R-02	13T-01		v 1-2	INMI
		Elbow - Pipe			13T-01			
OBS 1	5-014							
R-A	R1.11	2CVA7AA-2/W-06	2CVA7AA-2	I3R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01		*	
		•			13T-02			
OBS 1	5-050	•						



SYSTEM: Chemical & Volume Control System (CV)

. Se	ction XI	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Actual Results Coverage Exam
Comr	Cat. nents	Description		nequests	A 10103	
R-A	R1.11	2CVA7AA-2/W-07 Elbow - Pipe	2CVA7AA-2	I3R-02	B9.40 I3T-01 I3T-02	VT-2 NRI
OBS ·	15-051				101-02	,
R-A	R1.11	2CVA7AA-2/W-08 Pipe - Elbow	2CVA7AA-2	I3R-02	B9.40 I3T-01	VT-2 NRI
OBS ·	15-052				I3T-02	



SYSTEM: Feedwater System (FW)

	ction XI Cat.	Component ID Description	Line Number	Requests	Technical Notes	Code Coverage	Actual Exam	Results
المستنيث	nents			1 10 10 10 10 10 10 10 10 10 10 10 10 10	1	0 75	*	
R-A	R1.11 R1.18	2FW03DA-16/C01 Valve - Pipe	2FW03DA-16	I3R-02	C5.51 I3T-01 I3T-02	100	UT	NRI
OBS 1	15-102							
R-A	R1.11 R1.18	2FW03DA-16/C02 Pipe - Penetration	2FW03DA-16	I3R-02	C5.51 I3T-01 I3T-02	100	UT	GEOM
	15-103 ometry 36	0° Intermittent.	•	•				
R-A	R1.11 R1.18	2FW81BA-6/C07 Pipe - Tee	2FW81BA-6	13R-02	C5.51 I3T-01 I3T-02	99	UT	NRI
	15-104 age reduc	ed due to adjacent branch	connection on tee side.					
R-A	R1.11 R1.18	2FW87CA-6/C01 Reducer - Tee	2FW87CA-6	I3R-02	C5.51 I3T-01 I3T-02	99	UT	NRI
	15-105 age reduc	ed due to adjacent branch (connection on tee side.		.01 02			
R-A	R1.11 R1.18	2FW87CA-6/C02 Tee - Pipe	2FW87CA-6	I3R-02	C5.51 I3T-01 I3T-02	98	UT	GEOM
	15-106 ometry 36	0° Intermittent. Coverage r	educed due to adjacen	t branch connection	on tee side.			
R-A	R1.11 R1.18	2FW87CA-6/C03 Pipe - Penetration	2FW87CA-6	I3R-02	C5.51 I3T-01 I3T-02	100	UT	GEOM
	15-107 ometry 36	0° Intermittent.						
C-C	C3.20	2FW87CA-6/C04 Closure Plate 2PC-100	2FW87CA-6			100	МТ	NRI
OBS 1	15-108					·		



SYSTEM: Pressurizer (PZR)

	ction XI	Component ID	Line Number	Relief	Code	Actual	Results
4. · · ·	Cat.	Description		Requests Notes	Coverage	Exam	1
Comn	nents	The second secon		The second of th	<u> </u>		
В-В	B2.11	2RY-01-S/PC-05 Shell - Upper Head	2RY-01-S		96	UT	NRI
OBS 1 Scann		cted by 4 welded insulation p	oads.			~~~~	
В-В	B2.12	2RY-01-S/PL-04 Upper Longitudinal Weld	2RY-01-S		100	υţ	NRI
OBS 1	5-129						
B-D	B3.110	2RY-01-S/PN-02 Spray Nozzle	2RY-01-S	I3R-12	62	UT	NRI
OBS 1		tion due to nozzle to vessel o	configuration.				
B-D	B3.120	2RY-01-S/PN-02-NIR Spray Nozzle Inner Radius	2RY-01-S			UT	NRI
OBS 1	5-133						~
B-D	B3.110	2RY-01-S/PN-03 PORV Nozzle	2RY-01-S	I3R-12	66	UT	NRI
OBS 1 Limite		tion due to nozzle to vessel (configuration.				
B-D	B3.120	2RY-01-S/PN-03-NIR Relief Nozzle Inner Radius	2RY-01-S			UT	NRI
OBS 1	5-136						
B-D	B3.120	2RY-01-S/PN-05-NIR Relief Nozzle Inner Radius	2RY-01-S			UT	NRI
OBS 1	5-139						
B-D	B3.110	2RY-01-S/PN-06 Relief Nozzle	2RY-01-S	I3R-12	66	UT	NRI
OBS 1 Limited		tion due to nozzle to vessel (configuration.				
B-D	B3.120	2RY-01-S/PN-06-NIR Relief Nozzle Inner Radius	2RY-01-S			UT	NRI
OBS 1	5-142						



67.	Cat.	Component ID	Line Number	Requests	Technical Notes	Code Actual Coverage Exam	Results
9 -	nents		A A A A A A A A A A A A A A A A A A A				- 1 40.
R-A	R1.20	2RC01AA-29/J06	2RC01AA-29	I3R-02	B9.40	VT-2	NRI
	111.20	SOL - Thermowell	211001711120	1011 0,2	I3T-01	*, _	*****
					I3T-02		
DBS 1	15-015		i .				
R-A	R1.15	2RC-01-R/RPVS-A F1	2RC-01-R	I3R-02	B5.10	BMV	NRI
	B15.90	RPV Nozzle Safe-End H	L Loop D		I3T-01		
					I3T-02		
	I5-185 ea Bare Me	etal exam per N-722 require	ements. See WO#0118	2316.			•
					. DE 10	DMV	NDI
R-A	R1.15	2RC-01-R/RPVS-D F1	2RC-01-R	I3R-02	B5.10 I3T-01	BMV	NRI
	B 13.90	RPV Nozzle Safe-End H	E Loop C			,	
100 1	15-186			d.	13T-02		
		etal exam per N-722 require	ements. See WO#0118	2316.	•		
R-A	R1.15	2RC-01-R/RPVS-E F1	2RC-01-R	I3R-02	B5.10	BMV	NRI
		RPV Nozzle Safe-End H			I3T-01		
			•		I3T-02		
	15-187					•	•
ot Le	eg Bare Me	etal exam per N-722 require	ements. See WO#0118	2316.			
-A	R1.15	2RC-01-R/RPVS-F F1	2RC-01-R	I3R-02	B5.10	VT-2	NRI
	B15.95	RPV Nozzle Safe-End C	L Loop B	,	I3T-01		
					I3T-02	•	
	15-225 Metal exam	per N-722 requirements.	See WO#01300973.				
R-A	R1.15	2RC-01-R/RPVS-H F1	2RC-01-R	I3R-02	B5.10	BMV	NRI
. , .		RPV Nozzle Safe-End H		1011 02	I3T-01	Div. v	
	2,0.00	· · · · · · · · · · · · · · · · · · ·		-	I3T-02		
	15-188		•		10. 02	· ·	
lot Le	an Rara Ma						
	g Daie Wie	etal exam per N-/22 requir	ements. See WO#0118	2316.			
	R1.20	2RC03AA-27.5/J02A	ements. See WO#0118 2RC03AA-27.5	2316. I3R-02	B9.40	VT-2	NRI
					B9.40 I3T-01	VT-2	NRI
I-A	R1.20	2RC03AA-27.5/J02A				VT-2	NRI
I-A DBS 1		2RC03AA-27.5/J02A SOL - Thermowell	2RC03AA-27.5	I3R-02	13T-01 13T-02		
R-A DBS 1	R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04			I3T-01 I3T-02 B9.40	VT-2	
I-A DBS 1	R1.20	2RC03AA-27.5/J02A SOL - Thermowell	2RC03AA-27.5	I3R-02	I3T-01 I3T-02 B9.40 I3T-01		
-A 9BS 1	R1.20 I5-016 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04	2RC03AA-27.5	I3R-02	I3T-01 I3T-02 B9.40		
R-A OBS 1 R-A	R1.20 15-016 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell	2RC03AA-27.5 2RC03AA-27.5	I3R-02	I3T-01 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI
R-A OBS 1 R-A	R1.20 I5-016 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell 2RC13AA-2/W-01	2RC03AA-27.5	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02		NRI
BS 1 B-A	R1.20 15-016 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell	2RC03AA-27.5 2RC03AA-27.5	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI
BS 1 -A BS 1	R1.20 I5-016 R1.20 I5-017 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell 2RC13AA-2/W-01	2RC03AA-27.5 2RC03AA-27.5	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI
R-A DBS 1 R-A DBS 1	R1.20 I5-016 R1.20 I5-017 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell 2RC13AA-2/W-01 SOL - Pipe	2RC03AA-27.5 2RC03AA-27.5 2RC13AA-2	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI NRI
R-A DBS 1 R-A DBS 1	R1.20 I5-016 R1.20 I5-017 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell 2RC13AA-2/W-01 SOL - Pipe	2RC03AA-27.5 2RC03AA-27.5 2RC13AA-2	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI NRI
R-A OBS 1 OBS 1	R1.20 I5-016 R1.20 I5-017 R1.20	2RC03AA-27.5/J02A SOL - Thermowell 2RC03AA-27.5/J04 SOL - Thermowell 2RC13AA-2/W-01 SOL - Pipe	2RC03AA-27.5 2RC03AA-27.5 2RC13AA-2	I3R-02	B9.40 I3T-02 B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02	VT-2	NRI NRI NRI



	tion XI	Component ID	Line Number	Relief	Technical	Code	Actual	Results
	Cat.	Description		Requests	Notes	Coverage	Exam	1
Comm	ents		***					
R-A	R1.20	2RC13AA-2/W-03	2RC13AA-2	I3R-02	B9.40		VT-2	NRI
		Tee - Reducer			I3T-01		•	
OBS 1	5-028				. 13T-02	•		
-		0001044 044 04	0001044.0	100.00	DO 40		VTO	NIDI
R-A	R1.20	2RC13AA-2/W-04 Tee - Pipe	2RC13AA-2	I3R-02	B9.40 I3T-01		VT-2	NRI
		ree · Pipe			13T-01			
OBS 1	5-029							
R-A	R1.20	2RC13AA-2/W-05	2RC13AA-2	I3R-02	B9.40	•	VT-2	NRI
		Pipe - Valve			I3T-01			
					13T-02			
OBS 1								
R-A	R1.20	2RC13AB-2/W-01	2RC13AB-2	13R-02	B9.40		VT-2	NRI
		SOL - Pipe			I3T-01			
OBS 1	5-031				I3T-02			
R-A	R1.20	2PC12AC 0/M 01	2RC13AC-2	13R-02	B9.40		VT-2	NRI
□- A	N1.20	2RC13AC-2/W-01 SOL - Pipe	2NC 13AC-2	13N-02	13T-01		V 1-2	INUI
		30L - Pipe			I3T-02			
OBS 1	5-032		·					
R-A	R1.20	2RC13AD-2/W-01	2RC13AD-2	I3R-02	B9.40		VT-2	NRI
		SOL - Pipe			I3T-01			
					I3T-02	•		
OBS 1	5-033							
R-A	R1.11	2RC14AA-2/W-01	2RC14AA-2	I3R-02	B9.40		VT-2	NRI
		SOL - Pipe			13T-01			
OBS 1	5-036				13T-02			
R-A		2RC14AA-2/W-01A	2RC14AA-2	I3R-02	B9.40		VT-2	NRI
ПΑ.	111.71	Pipe - Tee	211014/14-2	1011 02	I3T-01		V 1 Z	74111
			•	•	I3T-02			
OBS 1	5-037					•		,
R-A	R1.11	2RC14AA-2/W-01B	2RC14AA-2	I3R-02	B9.40		VT-2	NRI
		Tee - Reducer			13T-01			
0004	5 000				I3T-02			
OBS 1				10.00				
R-A	R1.11	2RC14AA-2/W-01C	2RC14AA-2	I3R-02	B9.40		VT-2	NRI
		Tee - Pipe		•	13T-01			
OBS 1	5-039			•	13T-02			
R-A	R1.11	2RC14AA-2/W-02	2RC14AA-2	I3R-02	B9.40		VT-2	NRI
		Pipe - Elbow		.5.7 02	I3T-01			. *, ,,
		P =			13T-02			
OBS 1	5-040					,		



77.	ction XI.		Line Number	Relief	Technical		Results
6 0	Cat. Cat.	Description		Requests".	, Notes (Cov	erage Exam	1 m
Comn	nents				and the second		
R-A	R1.11	2RC14AA-2/W-03	2RC14AA-2	13R-02	B9.40	VT-2	NRI
		Elbow - Pipe			I3T-01		
			•	•	I3T-02		
OBS 1	5-041			·			
R-A	R1.11	2RC14AA-2/W-04	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
		Pipe - Elbow			I3T-01		
OBC 1	5-042				I3T-02		
R-A	R1.11	2RC14AA-2/W-05	2RC14AA-2	13R-02	B9.40	VT-2	NRI
		Elbow - Pipe			I3T-01		
ODC 1	E 042				I3T-02		
	5-043						
R-A	R1.11	2RC14AA-2/W-06	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
		Pipe - Valve			I3T-01		
OBS 1	5-044				I3T-02	•	
						V.T. 0	
R-A	R1.11	2RC14AA-2/W-07	2RC14AA-2	13R-02	B9.40	VT-2	NRI
		Valve - Pipe			I3T-01	•	
OBS 1	5-045				I3T-02		
				IOD OO	D0 40	NT 0	NDI
R-A	R1.11	2RC14AA-2/W-08	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
		Pipe - Tee			I3T-01 I3T-02		
OBS 1	5-046				131-02		
	R1.11	2RC14AA-2/W-09	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
R-A	ni.ii	Tee - Reducer	20014AA-2	1311-02	I3T-01		14111
		ree - neducer	•		13T-02		
OBS 1	5-047				131-02	•	
R-A	R1.11	2RC14AA-2/W-10	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
11-73	111.11	Tee - Pipe	2110147712	1011 02	I3T-01	V. 2	
				·	I3T-02		•
OBS 1	5-048						
R-A	R1.11	2RC14AA-2/W-11	2RC14AA-2	I3R-02	B9.40	VT-2	NRI
		Pipe - Valve			I3T-01		
		,			· I3T-02		
OBS 1	5-049						
R-A	R1.11	2RC16AA-2/W-03	2RC16AA-2	I3R-02	B9.40	VT-2	NRI
		Valve - Pipe			I3T-01		
					I3T-02		
OBS 1	15-053		· · · · · · · · · · · · · · · · · · ·				
R-A	R1.11	2RC16AA-2/W-04	2RC16AA-2	I3R-02	B9.40	VT-2	NRI
		Pipe - Elbow			I3T-01		
					13T-02		
OBS -	15-054						



	tion XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comm					A STATE OF THE STA		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	~
R-A	R1.11	2RC16AA-2/W-05	2RC16AA-2	I3R-02	B9.40		VT-2	NRI
1-71	111.11	Elbow - Pipe	211010/1/12	1011 02	I3T-01		V 1 -	14111
		2.0011 1 100			13T-02			
OBS 1	5-055				107 02			
R-A	R1.11	2RC16AA-2/W-06	2RC16AA-2	I3R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01			
					13T-02			
OBS 1	5-056							
R-A	R1.11	2RC16AA-2/W-07	2RC16AA-2	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			13T-01			
000.4	F 057				13T-02			
OBS 1			0001010	100.00	D0 40			
R-A	R1.11	2RC16AB-2/W-04	2RC16AB-2	13R-02	B9.40		VT-2	NRI
		Pipe - Elbow		•	I3T-01			
OBS 1	5-058				I3T-02	•		
R-A	R1.11	2RC16AB-2/W-05	2RC16AB-2	I3R-02	B9.40		VT-2	NRI
	,,,,,,,	Elbow - Pipe	ENOTONS E	1011 02	I3T-01		• • -	
		- 1 100			I3T-02			
DBS 1	5-059							
R-A	R1.20	2RC16AC-2/W-08	2RC16AC-2	13R-02	B9.40		VT-2	NRI
		Pipe - SOL			13T-01			
					13T-02	•		
OBS 1	5-024				•			
?-A	R1.20	2RC16AD-2/W-01	2RC16AD-2	13R-02	B9.40	•	VT-2	NRI
		Valve - Pipe	•		I3T-01			
OBS 1:	5-025	•			13T-02			
		2RC22AA-1.5/W-01	2RC22AA-1.5	13R-02	B9.40		VT-2	NRI
R-A	R1.20	SOL - Pipe	20022AA-1.5	1311-02	13T-01		V 1-2	INFI
		30L - Fipe			13T-02			
OBS 1	5-020				101-02			
R-A	R1.20	2RC22AA-1.5/W-05	2RC22AA-1.5	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe		-	I3T-01			•
		·			13T-02			
OBS 1	5-021							
R-A	R1.20	2RC22AC-1.5/W-01	2RC22AC-1.5	13R-02	B9.40		VT-2	NRI
		SOL - Pipe			I3T-01	•		
OBS 1	5-022	•			13T-02	•		
	,	0DC00AC 4 5/M 00	0DC00AC 4 5	120.00	B0 40		VT o	NDI
R-A	R1.20	2RC22AC-1.5/W-06	2RC22AC-1.5	13R-02	B9.40		VT-2	NRI
		Pipe - Tee			13T-01			
					13T-02	•		



·	tion XI. Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes⊭	Code Coverage	Actual Exam	Results
Comm	<u></u>	N N N N N N N N N N				4.	4 4	
R-A OBS 15	R1.20	2RC22AD-1.5/W-01 SOL - Pipe	2RC22AD-1.5	I3R-02	B9.40 I3T-01 I3T-02	:	VT-2	NRI
		COMPANY OF THE PARTY OF THE PAR						
R-A	R1.20	2RC22AD-1.5/W-08 Pipe - Tee	2RC22AD-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15	5-019	BANKETS SAME AT A ST.						
R-A	R1.20	2RC26A-2/W-01 SOL - Pipe	2RC26A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15	5-034			,			· · · · · · · · · · · · · · · · · · ·	
R-A	R1.20	2RC26A-2/W-02 Pipe - Valve	2RC26A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15	5-035							
V/A	N/A	2RC28A-3/Zone 1 Elbow - SOL	2RC28A-3			91	UT VŢ-2	NRI NRI
	etric and b	pare metal visual per MRP cted due to elbow to branc						
R-A	R1.11	2RC30AA-1.5/W-01 Valve - Reducer	2RC30AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15	5-079							
R-A	R1.20	2RC35AA-6/J02 Pipe - Elbow	2RC35AA-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
OBS 15		00 1 - 1 1 1 1 1						
R-A	R1.20	0° Intermittent seen below 2RC35AA-6/J03 Elbow - Pipe	2RC35AA-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
OBS 15		0° Intermittent seen below	rocarding lovels		101 02	٠		
				105.00				
R-A	R1.11	2RC35AA-6/J04 Pipe - Elbow	2RC35AA-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
OBS 19 ID Geo		0° Intermittent seen below	recording levels.					<u>.</u>
R-A	R1.11	2RC35AA-6/J05 Elbow - Pipe	2RC35AA-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
OBS 19		0° Intermittent seen below	recording levels.					



Se	ection XI	Component ID	A Line Number	Relief : Technical Code	Actual	Results
	Cat.	Description		Requests Notes Coverage	Exam	
Com	ments				10g # 4	
N/A	N/A	2RC37A-3/Zone 2	2RC37A-3	91	UT	NRI
		Elbow - SOL			VT-2	NRI
Volun		bare metal visual per MF acted due to elbow to bra				



SYSTEM: Residual Heat Removal System (RH)

Se	ction XI Cat.	Component ID Description	Line Number	Relief Technical Requests Notes	Code Coverage	Actual Exam	Results
Comn	nents		and the second of the second o	A CONTRACTOR OF THE STATE OF TH			English Tariff
C-C	C3.20	2RH01BA-12/C03 Closure Plate 2PC-68	2RH01BA-12	•	100	PT	NRI .
	15-223 01330140.	Additional examination for	or OBS 15-203.				
C-C	C3.20	2RH02AA-8/C47 Closure Plate 2AB-37	2RH02AA-8		100	PT	IND
OBS 1 1/16"		ndication on penetration p	ate 0.25" from weld toe. A	cceptable per procedure. Ref.	RIR B2R15-PT-(010.	



SYSTEM: Reactor Pressure Vessel (RPV)

		1	Line Number	1 1. Land 145 (17) 40 1 662	Code Notes Coverage	Actual Exam	Results
	Cat.	Description	1	nequests.	Notes Coverage	. К - о	- 1
Comm	ents	all de la constant de	State of the same	The second secon		(1 2 to 1	گ سرر د
N/A	B15.80	2RC-01-R/RPV BMI	2RC-01-R		100	VE	NRI
		RPV Bottom Mounted Ins	truments				
OBS 1 Detaile		ation of head surface and a	nnular area of the pe	netrations. Ref. WO 0101	9896		
B-E	B4.20	2RC-01-R/RPV HEAD PEN	2RC-01-R	I3R-16	100	UT.	RI
	•	RPV Head Penetrations J	-Weld	13R-18	100	PT	NRI
		N-729-1 requirements. Pe 3. No change in flaw seen		ee vv O#U1 100 109. IIIdicati	ion ciassineu as iablicati	UII IIAW IIUIII	rehan
B-E	B4.10	2RC-01-R/RPV HEAD SURF	2RC-01-R		100	BMV	NRI
	•	RPV Head Penetrations				•	
	5-219 d examina	ation of head surface and a	nnular area of the pe	netrations. Ref. WO 0118	1363		
B-N-1	B13.10	2RC-01-R/RPV INTERIOR	2RC-01-R			VT-3	NRI
		RPV Interior Surfaces					
OBS 1 Debris		erence IR 01061204. All of	her conditions accep	table.			



	tion XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
omme					<u> </u>		In a Second	
-A	R1.11	2RY01B-6/J28 Elbow - Pipe	[*] 2RY01B-6	13R-02	B9.11 I3T-01	100	UT	NRI
BS 15 Geo		0° Intermittent seer	n below recording levels.		101-02			
-A	R1.11	2RY01B-6/J29 Pipe - Elbow	2RY01B-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
BS 15 Geor		0° Intermittent seer	below recording levels.				,	
I-A	R1.11	2RY01B-6/J30 Elbow - Reducer	2RY01B-6	I3R-02	B9.11 I3T-01 I3T-02	100	UT	NRI
BS 15 D Geor		O° Intermittent seer	n below recording levels.					
i/A	N/A	2RY01C-4/J01S Reducer - Spray	2RY01C-4 Nozzle Overlay	I3R-08		100	UT	NRI
BS 15 eexan		per Appendix Q req	uirements.					
/A	N/A	2RY-01-S/PN-01 Surge Nozzle-Sa		!3R-08		100	UT	NRI
BS 15 Reexan		per Appendix Q and	d MRP-139 Category F require	ements.				
/A	N/A	2RY-01-S/PN-02 Spray Nozzle-Sa		I3R-08		100	UT	NRI
BS 15 leexan		oer Appendix Q and	d MRP-139 Category F require	ements.				
I/A	N/A	2RY-01-S/PN-03 PORV Nozzle-Sa		I3R-08		100	UT	NRI
BS 15 Reexan		oer Appendix Q and	d MRP-139 Category F require	ements.			,	
//A	N/A	2RY-01-S/PN-04		I3R-08			UT	NRI
	nination p	per Appendix Q and	d MRP-139 Category F require		ions seen in the	e B2R13 baseli	ne examinatio	on.
I/A	N/A	2RY-01-S/PN-05 Safety B Nozzle-	-F5S 2RY-01-S Safe End Overlay	I3R-08			UT .	NRI
	mination _I	per Appendix Q and	d MRP-139 Category F require nd 98.3% in axial direction due		ion seen in the	B2R13 baselin	e examination	, 1
I/A	N/A	2RY-01-S/PN-06		I3R-08			UT	ŇRI
BS 15 leexar 2.5%	nination i	per Appendix Q and	d MRP-139 Category F require	ements. e to laminar indication	ns seen in the E	32R13 baseline	e examination	



⊹Sed	Cat.	Description	de religio de la companya del companya de la companya del companya de la companya	Requests		Coverage	Exam	1 1
F. K. A. N.	nents	The state of the s		dell'and the same of the		* **	6 4 6	1 1 1 1 1 1 1 1 1
V/A	N/A	2RY02A-6/J01S	2RY02A-6	I3R-08			UT	NRI
		PORV Nozzle - Elbow	Overlay	*		•		
Reexa		per Appendix Q requiren in circ. direction and 98	nents. 3.4% in axial direction due t	o 1 laminar indicatio	on seen in the B2	2R13 baselin	e examination	•
N/A	N/A	2RY03AA-6/J01S	2RY03AA-6	I3R-08		100	UT	NRI
		Safety A Nozzle-Safe	End - Elbow Overlay					
	5-160 mination	per Appendix Q requiren	nents.					
N/A	N/A	2RY03AB-6/J01S	2RY03AB-6	I3R-08			UT	NRI
		Safety B Nozzle-Safe	End - Elbow Overlay					
Reexa	5-164 mination p coverage	per Appendix Q requiren in circ. direction and 99.	nents. 1% in axial direction due to	adjacent elbow cor	nfiguration.			
N/A	N/A	2RY03AC-6/J01S Safety C Nozzle-Safe	2RY03AC-6 End - Elbow Overlay	I3R-08			UT	NRI
чееха	mination	per Appendix Q requiren	nents.					
99.6%		in circ. direction and 99 2RY11A-14/J01S	0.8% in axial direction due t 2RY11A-14	o laminar indications	s seen in the B2	R13 baseline	examination.	NRI
99.6% N/A OBS 1	N/A 5-144	in circ. direction and 99	9.8% in axial direction due t 2RY11A-14 d - Pipe Overlay		s seen in the B2			
99.6% N/A OBS 1	N/A 5-144	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En	9.8% in axial direction due t 2RY11A-14 d - Pipe Overlay		s seen in the B2 B9.40			
99.6% N/A OBS 1 Reexa	N/A 5-144 mination	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren	0.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents.	I3R-08			UT	NRI
99.6% N/A DBS 1 Reexa	N/A 5-144 mination	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01	0.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents.	I3R-08	B9.40		UT	NRI
99.6% N/A DBS 1 Reexa	N/A 5-144 mination	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01	0.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents.	I3R-08	B9.40 I3T-01		UT	NRI
99.6% N/A DBS 1 Reexa R-A	N/A 5-144 mination	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01	0.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents.	I3R-08	B9.40 I3T-01		UT	NRI
99.6% N/A DBS 1 Reexa R-A	N/A 5-144 mination R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe	9.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents. 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02		UT VT-2	NRI
99.6% N/A DBS 1 Reexa R-A	N/A 5-144 mination R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02	9.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents. 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40		UT VT-2	NRI
99.6% N/A DBS 1 Reexa R-A DBS 1	N/A 5-144 mination R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02	9.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents. 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40 I3T-01		UT VT-2	NRI
99.6% N/A DBS 1 Reexa R-A DBS 1 R-A	5-144 mination R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow	9.8% in axial direction due to 2RY11A-14 d - Pipe Overlay nents. 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02		UT VT-2	NRI NRI
99.6% N/A DBS 1 Reexa R-A DBS 1 R-A	N/A 5-144 mination R1.11 R1.11 R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow	2RY11A-14 d - Pipe Overlay nents. 2RY18A-2 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40 I3T-01 B9.40 I3T-01		VT-2	NRI
99.6% N/A DBS 1 Reexa R-A DBS 1 R-A DBS 1	N/A 5-144 mination R1.11 R1.11 R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow	2RY11A-14 d - Pipe Overlay nents. 2RY18A-2 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02		VT-2	NRI NRI
DBS 1 R-A DBS 1 DBS 1	N/A 5-144 mination R1.11 R1.11 R1.11 R1.11 R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow 2RY18A-2/W-03 Elbow - Pipe	2RY11A-14 d - Pipe Overlay nents. 2RY18A-2 2RY18A-2	I3R-02 I3R-02	B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02 B9.40 I3T-01		VT-2 VT-2	NRI NRI NRI
999.6% N/A DBS 1 Reexa R-A DBS 1 R-A OBS 1	N/A 5-144 mination R1.11 R1.11 R1.11 R1.11	2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow 2RY18A-2/W-03 Elbow - Pipe	2RY11A-14 d - Pipe Overlay nents. 2RY18A-2 2RY18A-2	I3R-08	B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-01 I3T-02 B9.40		VT-2	NRI NRI NRI
DBS 1 R-A DBS 1 DBS 1	N/A 5-144 mination R1.11 R1.11 R1.11 R1.11 R1.11	e in circ. direction and 99 2RY11A-14/J01S Surge Nozzle Safe En per Appendix Q requiren 2RY18A-2/W-01 Valve - Pipe 2RY18A-2/W-02 Pipe - Elbow 2RY18A-2/W-03 Elbow - Pipe	2RY11A-14 d - Pipe Overlay nents. 2RY18A-2 2RY18A-2	I3R-02 I3R-02	B9.40 I3T-01 I3T-02 B9.40 I3T-01 I3T-02 B9.40 I3T-01		VT-2 VT-2	NRI NRI



SYSTEM: Steam Generator (SG)

Section XI	Component ID	Line Number	Relief Technical Code	Actual	Results
Cat.	Description		Requests Notes Coverage	Exam	
Comments				* * * * * * * * * * * * * * * * * * * *	
B15.120	2RC-01-BA/DRAIN	2RC-01-BA	·	VT-2	NRI
	SG Channel Head Drain				
OBS 15-211					
Bare Metal exam	per N-722 requirements.	See WO#1182319.		w	
B15.120	2RC-01-BB/DRAIN	2RC-01-BB		VT-2	NRI
	SG Channel Head Drain	* *			
OBS 15-214					
Bare Metal exam	per N-722 requirements.	See WO#1182320.			
B15.120	2RC-01-BC/DRAIN	2RC-01-BC		VT-2	NRI
	SG Channel Head Drain				
OBS 15-215	•				
Bare Metal exam	per N-722 requirements.	See WO#1182321.			
B15.120	2RC-01-BD/DRAIN	2RC-01-BD	•	VT-2	NRI
	SG Channel Head Drain			•	
OBS 15-216			•		
Bare Metal exam	per N-722 requirements.	See WO#1182317.	•		



that is seen to be a	10 2 1 5 M 100 100 10	A CAMPAGE A STORY VETTER OF STREET	'99 () (200 ****	CONTROL DAMES - TOWN CONTROL OF THE	en in energy control in the second	s[manuscome_come]	Dagage garage son	1_9696 65
	ction XI Cat nents	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Result
8-K	B10.20	2SI03DA-2/W-08A Closure Plate 2RB-61	2SI03DA-2	NA	(1 발전 13 년 15명 조건을 하라고 있는 1 kg ()	100	PT	IND
	5-204 Rounded I	Indication on penetration	plate 0.2" from weld toe.	Acceptable per prod	edure. Ref. Rl	R B2R15-PT-0	04.	
C-C	C3.20	2SI04B-12/C02	2SI04B-12			100	PT	RI
		Closure Plate 2PC-66					PT	RI
		,					PT	RI
							· PT	NR
One 0 01057 Linear	786. The indication	ed, one 1.3" linear, and or indications were reexami is removed by blending a inations performed on 15	ined twice after minor sur nd the areas were reexar	face conditioning.	ns are rejectabl	e per procedur	e. Ref: IR	
C-C	C3.20	2SI05BA-8/C02 Closure Plate 2PC-50	2SI05BA-8			100	PT	NR
	5-221 01330141	. Additional examination f	or OBS 15-203.				-	
R-A	R1.11	2SI08HA-2/W-01	2SI08HA-2	13R-02	B9.40		VT-2	NR
		Reducer - Coupling	•	•	I3T-01			
					I3T-02	,		
)BS 1	5-060		•					
R-A	R1.11	2SI08HA-2/W-02	2SI08HA-2	I3R-02	B9.40		VT-2	NR
		Coupling - Pipe			I3T-01			
DBS 1	5-061	,			I3T-02			
		00100114 044 00	00100114.0	IOD OO			VIT 0	ND
R-A	R1.11	2SI08HA-2/W-03 Pipe - Flange	2SI08HA-2	I3R-02	B9.40 I3T-01		VT-2	NR
		ripe - riange			13T-01			
DBS 1	5-062		.*		101 02			
R-A	R1.11	2SI08HA-2/W-04	2SI08HA-2	I3R-02	B9.40		VT-2	NR
		Flange - Pipe	20.007.7.2	1011 02	I3T-01			
					I3T-02			
DBS 1	5-063			· ·		*		
R-A	R1.11	2SI08HA-2/W-05	2SI08HA-2	I3R-02	B9.40		VT-2	NR
		Pipe - Coupling		٠.	I3T-01			
					I3T-02			
DBS 1	5-064	. ,						
R-A	R1.11	2SI08HA-2/W-06	2SI08HA-2	13R-02	B9.40	. "	VT-2	, NR
		Coupling - Reducer	,		I3T-01			
	5-065	•			13T-02			
) P C 1	J-000				·			
				100.00	DO 40 '		· VT-2	NR
OBS 1	R1.11	2SI08JA-1.5/W-01	2SI08JA-1.5	I3R-02	B9.40			
		2SI08JA-1.5/W-01 Reducer - Pipe	2SI08JA-1.5	13H-U2	I3T-01 I3T-02		· • • •	



Section		Component ID Description	Line Number	Relief. Requests	Technical Notes	Code Coverage	Actual Exam	Results
Commer		1					· ·	· · · · · · · · · · · · · · · · · · ·
R-A	R1.11	2SI08JA-1.5/W-02	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
1-73		Pipe - Elbow	20100074 1.0	. 1017.02	13T-01		*	
		1 .po 2.5011	•		I3T-02			
DBS 15-0	067		·					
R-A	R1.11	2SI08JA-1.5/W-03	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			13T-01			
					13T-02			
DBS 15-0	068	·····						
R-A	R1.11	2SI08JA-1.5/W-04	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Pipe - Elbow		•	I3T-01			
				•	13T-02			
DBS 15-0	069	*						
R-A	R1.11	2SI08JA-1.5/W-05	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			13T-01			
					. I3T-02	•		
DBS 15-0	070							
R-A	R1.11	2SI08JA-1.5/W-05A	2SI08JA-1.5	13R-02	B9.40		· VT-2	NRI
,		Pipe - Valve		•	I3T-01	•		
				•	I3T-02			
DBS 15-0	071							
R-A	R1.11	2SI08JA-1.5/W-05B	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Valve - Pipe			I3T-01			•
					13T-02			
DBS 15-0	072							
R-A	R1.11	2SI08JA-1.5/W-06	2SI08JA-1.5	13R-02	B9.40		VT-2	NRI
		Pipe - Elbow			I3T-01			
•					13T-02			
DBS 15-0	073			···				
R-A	R1.11	2SI08JA-1.5/W-07	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Elbow - Pipe			13T-01			
200 45	074		•		I3T-02			
OBS 15-0	J/4		,		**			
R-A	R1.11	2SI08JA-1.5/W-10	2SI08JA-1.5	I3R-02	B9.40		VT-2	NRI
		Pipe - Flange			13T-01			
OBS 15-	075	,			13T-02			
		00100 IA 1 57M 11	0010014 4 5	IOD OO	B0 40		VT 2	NRI
R-A	R1.11	2SI08JA-1.5/W-11	2SI08JA-1.5	I3R-02	B9.40 I3T-01		VT-2	INMI
		Flange - Pipe			13T-01 13T-02			
OBS 15-	076				131-02			
		2SI08JA-1.5/W-14	2SI08JA-1.5	13R-02	B9.40		VT-2	NRI
R-A	R1.11	Pipe - Coupling	231000A-1.3	10N-U2	I3T-01		v 1-2	18131
		, ipe - coupling			13T-02			
OBS 15-	077			•	101 02			
220 10			•					



	ction XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Code	Actual Exam	Results
Comn	nents	The second secon	100		100		4
R-A	R1.11	2SI08JA-1.5/W-15	2SI08JA-1.5	13R-02	B9.40	VT-2	NRI
		Coupling - Pipe			I3T-01		
					13T-02		
OBS 1	5-078			_			•



Bolts, Pumps, and Valves Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI + Component ID. Requests Notes	Actual	Results
Cat: Item Description Comments		E. W. Charles and St. Co.
	V/T 4	DI

B-G-2 B7.50 2SI08HA-2/FLG 1-8

VT-1

RI

Piping Flange Bolting

Flange was disassembled for gasket replacement under WO 01179198. All studs and nuts were reused.



Weld / Component Outage Summary (Preservice Inspections)

Secti	on XI	Component ID	Line Number	Relief	Technical	Code	Required	Actual	Results	
Cat.	Item	Description	Reques		Notes .	Coverage	Exam	Exam		
Comme	nts		68 467	A STATE OF THE STA						
NA	NA	2SI18FC-2/W-01.02	2SI18FC-2	I3R-02	B9.40	100	SURF	PT	NRI	
		Valve - Pipe			· I3T-01		VT-2	VT-2	NRI	
					I3T-02					
Baseline	examir	nation Baseline exam of new	socket weld W-4 under	WO#012253	44.					
NA	NA	2SI18FC-2/W-01A.01	2SI18FC-2	I3R-02	B9.40	100	SURF	PT	NRI	
		Pipe - Coupling			13T-01		VT-2	VT-2	NRI	
					I3T-02					
Baseline	exami	nation Baseline exam of new	socket weld W-3A und	er WO#01225	344.					
NA	NA	2SI18FC-2/W-01B.01	2SI18FC-2	I3R-02	B9.40	100	SURF	PT	NRI	
		Coupling - Pipe			I3T-01		VT-2	VT-2	NRI	
					I3T-02					
Baseline	exami	nation Baseline exam of new	socket weld W-2 under	· WO#012253	44.					



Detailed Inservice Inspection Bolts, Pumps, and Valves Listing (PSI)

Section XI		Component ID	Relief Technical	Actual	Results
Cat.	Item	Description	Requests Notes	Exam	4.
Comm	ents			. 67 6	the second second
B-G-2	B7.50	2RY03BC-6/FLG 1-12		VT-1	NRI
		Piping Flange Bolting	·	•	
Baseli	ine exam f	or 2RY8010C replacement under WO#01178737.			
B-G-2	B7.50	2RY76A-2/FLG 1-8	•	VT-1	NRI
		Piping Flange Bolting			
Basel	ine exam f	or flange bolting replacement under WO#01180530.			



Detailed Inservice Inspection Bolts, Pumps, and Valves Listing (PSI)

SYSTEM: Steam Generator (SG)

Section	on XI		chnica	1 .	Results
Cat.	Item	Description Requests No	otes	Exam	, i
Comn	nents	The state of the s			
B-G-	2 B7.30	2RC-01-BA/BLT 1-32 SG Manway Studs and Nuts		VT-1	NRI
Base	line exam f	or Cold Leg Bolt #13 replacement. WO#01199605.			



Pressure Test Outage Summary

SYSTEM: Auxiliary Feedwater System (AF)

Sec	tion XI	Component I	Component ID		Actual	Results	
Cat.	Item		Requests	Notes	Exam		
Comm	ents '	4 4					
C-H	C7.10	2-AF-2-1	·	I3T-04	VT-2	NRI	
C-H	C7.10	2-AF-2-2		I3T-04	VT-2	NRI	



Pressure Test Outage Summary

SYSTEM: Containment Spray System (CS)

Sec	tion:XI	Component ID.	, ,	Same and the same of the same	ı A	elief 🖅	Technical	Actual 🛴	_Results
Cat.	Item				Re	quests	Notes	Exam	
Comm	ents				 and a fine	0 , 1		e rigin	
С-Н	C7.10	2-CS-2-1			 	•	I3T-04	VT-2	NRI
С-Н	C7.10	2-CS-2-2					I3T-04	VT-2	NRI



Pressure Test Outage Summary

SYSTEM: Chemical & Volume Control System (CV)

Section XI		Component ID	Relief Technical	Actual	Results
Cat.	Item		Requests Notes	Exam	
Comments					
С-Н	C7.10	2-CV-2-1	I3T-04	VT-2	NRI
С-Н	C7.10	2-CV-2-10	I3T-04	VT-2	NRI
С-Н	C7.10	2-CV-2-2	I3T-04	VT-2	NRI
С-Н	C7.10	2-CV-2-3	I3T-04	VT-2	NRI
C-H	C7.10	2-CV-2-4	I3T-04	VT-2	NRI
C-H	C7.10	2-CV-2-5	I3T-04	VT-2	NRI
<u>C-H</u>	C7.10	2-CV-2-6	I3T-04	VT-2	NRI
С-Н	C7.10	2-CV-2-7	I3T-04	VT-2	NRI



SYSTEM: Fuel Pool Cooling System (FC)

Section XI Comp	ponent ID		Re	Relief : Technical (quests Notes	Actual Exam	Results
Comments	1	s. jer j. f.	and the same of the			
C-H C7.10 2-FC	C-2-1			I3T-04	VT-2	NRI



SYSTEM: Feedwater System (FW)

Cat. Item	Component ID				Relief Reques	Technical ts Notes	Actual Exam	Results
Comments		. 1		 , 2 m	* / A	e la		
C-H C7.10	2-FW-2-2		•			13T-04	VT-2	NRI

5



SYSTEM: Main Steam System (MS)

Sec	tion XI	Component II		Relief	Technical	Actual	Results
Cat.	Item			Requests	Notes	Exam	
Comm	ents				10 TO	St. W. C. C.	4
С-Н	C7.10	2-MS-2-1			I3T-04	VT-2	. NRI
С-Н	C7.10	2-MS-2-2			I3T-04	VT-2	NRI



SYSTEM: Off Gas System (OG)

Section XI Component ID Relief T Cat. Item Requests	echnical Notes	Actual Exam	Results
Comments			45
C-H C7.10 2-OG-2-1	13T-04	VT-2	NRI



SYSTEM: Process Sampling System (PS)

Sec	tion XI	Component ID.		Actual	Results
Cat.	Item		Requests Notes	Exam	
Comm	ents				
C-H	C7.10	2-PS-2-3	I3T-04	VT-2	NRI
C-H	C7.10	2-PS-2-4	I3T-04	VT-2	NRI
С-Н	C7.10	2-PS-2-5	I3T-04	VT-2	NRI
С-Н	C7.10	2-PS-2-6	I3T-04	VT-2	NRI



SYSTEM: Reactor Coolant System (RC)

Section XI Component ID.	Technical	Actual	Results
Cat. Item Requests	Notes	Exam	المراجع
Comments		2 20	
B-P B15.10 2-RC-1-1	I3T-04	VT-2	NRI



SYSTEM: Residual Heat Removal System (RH)

	tion XI Item	Component ID			Relief Requests	Technical Notes	Actual Exam	Results
Comm	ents	1	4 *	A.	1. 1. 16	e in the total	P 20	***
С-Н	C7.10	2-RH-2-1			· · · · · · · · · · · · · · · · · · ·	I3T-04	VT-2	NRI
С-Н	C7.10	2-RH-2-2	 			I3T-04	VT-2	NRI
С-Н	C7.10	2-RH-2-3			<u>.</u>	I3T-04	VT-2	NRI
<u>C-H</u>	C7.10	2-RH-2-6	 			I3T-04	VT-2	NRI



SYSTEM: Safety Injection System (SI)

Sec	tion XI	Component ID	#Rélief : Technical	Actual	Results .
Cat.	Item		Requests Notes	Exam	
Comm	ents		The state of the s	6 6	
С-Н	C7.10	2-SI-2-1	l3T-04	VT-2	NRI
С-Н	C7.10	2-SI-2-2	I3T-04	VT-2	NRI
C-H	C7.10	2-SI-2-3	I3T-04	VT-2	NRI
С-Н	C7.10	2-SI-2-4	I3T-04	VT-2	NRI
С-Н	C7.10	2-SI-2-5	I3T-04	VT-2	NRI
С-Н	C7.10	2-SI-2-6	I3T-04	VT-2	NRI
С-Н	C7.10	2-SI-2-7	. I3T-04	VT-2	NRI



SYSTEM: Essential Service Water System (SX)

Sec	tion XI	Component	ID .				Technical		Results
Cat.	Item	U.			" Heq	uests	Notes	Exam	1
Comm	ents			7					
C-H	C7.10	2-SX-2-1		· 			I3T-04	VT-2	NRI
C-H	C7.10	2-SX-2-2	1				I3T-04	VT-2	NRI



SYSTEM: Containment Spray System (CS)

2CS02AA-10	. 195 A	Requests	Notes	VT-3	NRI
				VT-3	NDI
2CS02AA-10				VT-3	NRI
			SR		141.11
ET WELDS AND PIVO	T PIN, NO DEGR	ADATION NOT	ED	•	
2CS06AA-6			e •	VT-3	NRI
	2CS06AA-6	2CS06AA-6	2CS06AA-6	2CS06AA-6	2CS06AA-6 "VT-3



SYSTEM: Chemical & Volume Control System (CV)

Cat. Item Description Requests Notes Comments F-A F1.20 2CV05CB-6/2CV08007V VARIABLE ALL WELDS ARE PAINTED F-A F1.20 2CV09A-4/2CV01A064X SEISMIC WELDS ARE PAINTED F-A F1.10 2CV10DB-3/2CV02009S SNUBBER SNUBBER SNUBBER F-A F1.10 2CV45B-2/2CV22007X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22016A CV45B-2	a No Constant of	NRI NRI NRI
F-A F1.20 2CV05CB-6/2CV08007V 2CV05CB-6 VARIABLE ALL WELDS ARE PAINTED F-A F1.20 2CV09A-4/2CV01A064X 2CV09A-4 SEISMIC WELDS ARE PAINTED F-A F1.10 2CV10DB-3/2CV02009S 2CV10DB-3 SNUBBER SR INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22007X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM	VT-3 VT-3	NRI NRI NRI
VARIABLE ALL WELDS ARE PAINTED F-A F1.20 2CV09A-4/2CV01A064X SEISMIC WELDS ARE PAINTED F-A F1.10 2CV10DB-3/2CV02009S 2CV10DB-3 SNUBBER SR INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22007X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM	VT-3	NRI NRI
F-A F1.20 2CV09A-4/2CV01A064X SEISMIC WELDS ARE PAINTED F-A F1.10 2CV10DB-3/2CV02009S SNUBBER SR INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22007X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM	VT-3	NRI
SEISMIC	VT-3	NRI
F-A F1.10 2CV10DB-3/2CV02009S SNUBBER SR INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22007X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X SEISMIC INSULATION REMOVED FOR EXAM		
SNUBBER SR		
F-A F1.10 2CV45B-2/2CV22007X	VT-3	NRI
SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22008X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM	VT-3	NRI
F-A F1.10 2CV45B-2/2CV22008X		
SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM	·	
F-A F1.10 2CV45B-2/2CV22010X 2CV45B-2	VT-3	NRI
SEISMIC INSULATION REMOVED FOR EXAM F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM		
F-A F1.10 2CV45B-2/2CV22011X 2CV45B-2 SEISMIC INSULATION REMOVED FOR EXAM	VT-3	NRI
SEISMIC INSULATION REMOVED FOR EXAM		
	VT-3	NRI
F-A F1.10 2CV45B-2/2CV22016A 2CV45B-2		
ANCHOR	VT-3	NRI
INSULATION REMOVED FOR EXAM		
F-A F1.10 2CVA6AA-2/2CV09026S 2CVA6AA-2 SNUBBER SR	VT-3	NRI
INSULATION REMOVED FOR EXAM		
F-A F1.10 2CVA7AA-2/2CV25012S 2CVA7AA-2 SNUBBER SR	VT-3	NRI
Insulation removed for exam.		
F-A F1.10 2CVB7A-3/2CV06005X 2CVB7A-3 SEISMIC	VT-3	NRI
NONE		



SYSTEM: Feedwater System (FW)

Section	n XI.	Component ID	Line Number	Relief 👫 Technical	Actual 🧢	Results
Cat.	item 🗽	Description		Requests Notes	Exam	运 想:
Comm	ents				The section of	en in the second
F-A	F1.20	2FW03DA-16/2FW02016S SNUBBER	2FW03DA-16	SR	VT-3	NRI
F-A	F1.20	2FW03DA-16/2FW02020X SEISMIC	2FW03DA-16		VT-3	NRI
NONE			•			
F-A	F1.20	2FW03DB-16/2FW03017S SNUBBER	2FW03DB-16	SR	VT-3	NRI
INSUL	ATION R	EMOVED FOR EXAM		5.		
F-A	F1.20	2FW03DD-16/2FW05022S SNUBBER	2FW03DD-16	SR	VT-3	NRI
F-A	F1.20	2FW81AA-6/2AF06038R RIGID	2FW81AA-6		VT-3	NRI
NONE						
F-A	F1.20	2FW81BA-6/2AF06040V VARIABLE	2FW81BA-6		VT-3	NRI
F-A	F1.20	2FW87CC-6/2FW08005S SNUBBER	2FW87CC-6	SR	VT-3	NRI
GRADI	NG REM	OVED FOR EXAM				



SYSTEM: Main Steam System (MS)

Section	C. " C* at 1 1 1 1 1 1 1	Component ID.	Line Number	Relief Technical Requests	Actual : Exam	Results
Comm	ents .					
F-A	F1.20	2MS07AA-28/2MS01205X SEISMIC	2MS07AA-28		VT-3	NRI
NONE						
F-A	F1.20	2MS07AC-28/2MS01101S SNUBBER	2MS07AC-28	DBL SR	VT-3	NRI
* S/N#	13772 (S	s1) 3-7/8" - S/N# 13785 (S	62) 3-5/8"			



SYSTEM: Reactor Coolant System (RC)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	ltem	Description		Requests	Notes	Exam	1 1
Comr	nents					- * * . · V	
F-A	F1.10	2RC14AB-2/2CV15016V VARIABLE	2RC14AB-2			VT-3	NRI
F-A	F1.10	2RC14AD-2/2CV25019S SNUBBER	2RC14AD-2		SR	VT-3	NRI
		ved for exam, snubber was remov per exam performed on report 20	ved for functional testing at time of ex 10-EPP-025.	kam. Pipe clamp	and structural	steel	
F-A	F1.10	2RC14AD-2/2CV25020S SNUBBER	2RC14AD-2		SR	VT-3	NRI
		ved for exam, snubber was removerformed on report 2010-EPP-02	ved for functional testing at time of ex 23.	am. Pipe clamp	and structural	steel exami	ned.
F-A	F1.10	2RC14AD-2/2CV25024S SNUBBER	2RC14AD-2	•	SR	VT-3	NRI
		ved for exam, snubber was remov performed on report 2010-EPP-02	ved for functional testing at time of ex 26.	kam. Pipe clamp	and structural	steel exami	ned.
F-A	F1.10	2RC22AA-1.5/2RC16001S SNUBBER	2RC22AA-1-1/2		SR	VT-3	NRI
INSUI	ATION R	EMOVED FOR EXAM					



SYSTEM: Residual Heat Removal System (RH)

Section XI	Component ID	Line Number	医环状腺 医环状性 经国际 网络网络 医阿里特氏 医二甲磺胺二甲丙醇 网络克拉克克克克 法	, Actual	Results
Cat. Item	Description		Requests	Exam	1
Comments					7 7 7 7
F-A F1.20	2RH01CA-16/2SI06259X SEISMIC	2RH01CA-16		VT-3	NRI
No indication d	etected				



SYSTEM: Reactor Coolant System (RY)

Section Cat.	n XI Item	Component ID. Description	Line Number	Relief Technical Requests Notes	Actual Exam	Results
Comm	ents				n A	* * *
F-A	F1.40	2RY-01-S/SKT PRESSURIZER SKIRT	2RY-01-S		K-3	NRI
F-A	F1.10	2RY18A-2/2RY06114S SNUBBER	2RY18A-2	SR	VT-3	NRI
INSUL	ATION R	EMOVED FOR EXAM				



SYSTEM: Safety Injection System (SI)

	VT-3	NRI NRI
	VT-3	
,		
	VT-3	NRI
·		
	VT-3	NRI
,	VT-3	NRI
	VT-3	NRI
,	VT-3	NRI
· · · · · · · · · · · · · · · · · · ·		
•	VT-3	NRI .
· ,		
	VT-3 _.	NRI
,	VT-3	NRI
-		VT-3 VT-3 VT-3 VT-3 VT-3



SYSTEM: Essential Service Water System (SX)

Sectio	n XI		Line Number	Relief Technical Actual	Results
Cat.	ltem 🦿 🤄	Description		Requests Notes Exam	
Comm	ents		The second secon		
F-A	F1.20	2SX06CA-14/2SX06009X SEISMIC	2SX06CA-14	· VT-3	NRI.
F-A	F1.20	2SX06EC-10/2SX06023A ANCHOR	2SX06EC-10	VT-3	NRI
INSIDE	RCFC F	PLENIUM			·
F-A	F1.20	2SX07EB-14/2SX09015X SEISMIC	2SX07EB-14	VT-3	NRI



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SYSTEM: Auxiliary Feedwater System (AF)

Section Cat.	n XI Item nents	The state of the s	Line Number	A Requests	echnical Notes	Actual Exam	Results
F-A	F1.20	2FW87BC-3/2FW10001S SNUBBER	2FW87BC-3		SR	VT-3 FT	NRI PASS



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SYSTEM: Containment Spray System (CS)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	
Comn	nents		a the state of the				
F-A	F1.20	2CS02AB-10/2CS03B018S SNUBBER	2CS02AB-10		SR	VT-3 FT	NRI PASS



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SYSTEM: Chemical & Volume Control System (CV)

Section	on XI 🛴	Component ID	Line Number	. V. V. V.		Relief	ूTechnical -		Results
	្ទitem្ជា	Description ()			· · · · · · · · · · · · · · · · · · ·	lequests	Notes	Exam	
Comn	nents								
NA	NA	2CV10B-3/2CV04002S	2CV10B-3	-				VT-3	NRI
<u> </u>		SNUBBER			. 4	•	SR	FT	PASS
NA	NA .	2CV10B-3/2CV04012S	2CV10B-3		* * * * * * * * * * * * * * * * * * * *			VT-3	NRI
		SNUBBER				i	, SR	FT	PASS
NA	, NA	2CV10CA-3/2CV22002S	2CV10CA-3				,	· VT-3	NRI
		SNUBBER					SR	FT	PASS
NA	NA.	2CV15AC-3/4/2CV29002S	2CV15AC-3/4		i			VT-3	NRI
		SNUBBER	-				SR	FT	PASS
NA	NA	2CVB7BA-3/2CV23005S	2CVB7BA-3					VT-3	NRI
		SNUBBER	•				SR	FT	PASS



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SYSTEM: Feedwater System (FW)

Section	on XI	Component ID	Line Number	Relief Technical	Actual	Results
Cat.	Item	Description		Requests Notes	Exam	Trans.
Comn	nents	THE REPORT OF THE PROPERTY OF	The state of the s	PAZMALL SMITH	STATE TO BE	
F-A	F1.20	2FW03DA-16/2FW02012S	2FW03DA-16		VT-3	NRI
		SNUBBER		SR		
F-A	F1.20	2FW87CC-6/2FW08005S	2FW87CC-6		VT-3	NRI
		SNUBBER		SR	FT	PASS
F-A	F1.20	2FW87CC-6/2FW08006S	2FW87CC-6		VT-3	NRI
		SNUBBER		SR	FT	PASS



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SYSTEM: Main Steam System (MS)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	14 S. S.
Comr	nents		and the second s			14.8	
N/A	SNUB	2MS01AC-32.75/2MS07006-S1 SNUBBER	2MS01AC-32.75		DBL SR	VT-3 FT	NRI PASS
N/A	SNUB	2MS01AC-32.75/2MS07006-S2 SNUBBER	2MS01AC-32.75		DBL SR	VT-3 FT	NRI PASS



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SYSTEM: Reactor Coolant System (RC)

		Component ID	Line Number	Relief	Technical	. Actual	Results
	ltem nents	Description		Requests			
F-A	F1.40	2RC01BA-2A/2RC01BA-A SNUBBER	2RC01BA-2A		SR	VT-3	NRI
F-A	F1:40	2RC01BA-2A/2RC01BA-B SNUBBER	2RC01BA-2A		SR	VT-3	NRI
F-A	F1.40	2RC01BB-2B/2RC01BB-A SNUBBER	2RC01BB-2B		SR	VT-3 FT	NRI PASS
F-A	F1.40	2RC01BB-2B/2RC01BB-B SNUBBER	2RC01BB-2B	,	SR	VT-3	NRI
F-Ą	F1.40	2RC01BC-2C/2RC01BC-A SNUBBER	2RC01BC-2C		SR	VT-3	:. NRI
, .		SNUBBER	٠.	•	•	FT	FAIL
F-A	F1.40	2RC01BC-2C/2RC01BC-B SNUBBER	2RC01BC-2C		SR	VT-3	NRI
		SNUBBER		. '	•	ΕŢ	PASS
F-A	F1.40	2RC01BD-2D/2RC01BD-A SNUBBER	2RC01BD-2D		SR	VT-3	NRI
F-A	F1.40	2RC01BD-2D/2RC01BD-B SNUBBER	2RC01BD-2D		SR	VT-3	NRI
NA	NA	2RC08AA-3/4/2RC16009S SNUBBER	2RC08AA-3/4	· .	SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC13AB-2/2CV15002S SNUBBER	2RC13AB-2		SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC14AD-2/2CV25019S SNUBBER	2RC14AD-2		SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC14AD-2/2CV25020S SNUBBER	2RC14AD-2		SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC14AD-2/2CV25024S SNUBBER	2RC14AD-2		SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC22AA-1.5/2RC16011S SNUBBER	2RC22AA-1-1/2		SR	VT-3 FT	NRI PASS
F-A	F1.10	2RC22AB-1.5/2RC17015S SNUBBER	2RC22AB-1-1/2		SR	VT-3 FT	NRI PASS

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables



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SYSTEM: Reactor Coolant System (RC)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	
Comn	nents	× 4	and the second of the second o	ar an si			1, 4 .
ŇA	NA	2RC48BB-1/2/2RC90B008S SNUBBER	2RC48BB-1/2		SR	VT-3 FT	NRI PASS



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SYSTEM: Residual Heat Removal System (RH)

Section	on XI	Component ID	Line Number	,	Relief	Technical	Actual	Results
Cat.	Item	Description			Requests	Notes	Exam	
Comr	nents	The state of the s	The to the state of the	And the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			San San San
F-A	F1.20	2RH02AĄ-8/2RH07003S SNUBBER	2RH02AA-8		· ·	SR	VT-3 FT	NRI PASS
F-A	F1.20	2RH02AA-8/2RH07012S SNUBBER	2RH02AA-8			d SR	VT-3 FT	NRI PASS
NA	NA	2RH26AA-3/4/2RH02121S SNUBBER	2RH26AA-3/4			SR	VT-3 FT	NRI PASS



(Page 9 of 11)

SYSTEM: Reactor Coolant System (RY)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	
Comn	nents,		the state of the s			A CARLON	The state of
N/A	SNUB	2RY01B-6/2RY06025-S1	2RY01B-6		DBL	VT-3	NRI
		SNUBBER			SR	FT	PASS
N/A	SNUB	2RY01B-6/2RY06025-S2	2RY01B-6		DBL	VT-3	NRI
		SNUBBER			SR	. FT	PASS
F-A	F1.10	2RY02B-3/2RY09077S	2RY02B-3			VT-3	NRI
		SNUBBER			SR	FT .	PASS
NA	NA	2RY34AB-1/2/2RC92002S	2RY34AB-1/2			VT-3	NRI
		SNUBBER			SR	, FT	PASS



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SYSTEM: Steam Generator Blowdown System (SD)

Section	n XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	
Comn	nents,		The state of the s		V- 4.		50 73 W 2 1
NA	NA	2SD01CB-2/2SD01005S SNUBBER	2SD01CB-2		SR	VT-3 FT	NRI PASS



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SYSTEM: Safety Injection System (SI)

Section	on XI	Component ID	Line Number	Relief	Technical	Actual	Results
Cat.	Item	Description		Requests	Notes	Exam	
Comr	nents		The state of the s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
N/A	SNUB	2SI05DC-6/2SI09014-S1 SNUBBER	2SI05DC-6		DBL SR	VT-3 FT	NRI PASS
N/A	SNUB	2SI05DC-6/2SI09014-S2 SNUBBER	2SI05DC-6	. ?	DBL SR	VT-3 FT	NRI PASS

SECTION 3.0

	of Tables IV	ify that the periodic Vx-2412-1 will be n		BYRON		UNIT 2 - 3 MINATIO			SME SECTION	2412-1 ap	entage requirently ply to the Cated each Item only	gory and were	
	# of	Total			# Ex	ams Com	pleted				% E	xams Com	pleted
Item No.	Comp	Selected	Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	Period 1	Period 2	Period 3
Category	B-A Non-D	Deferred Exam	ıs								•		
B1.30	1	1	0	1	1	. 1	0	1	0.	100.00%	100.00%	100.00%	100.00%
B1.40	1	1	0	0	1	· 1	0	1	0	100.00%	0.00%	0.00%	0.00%
Totals:	2	2	0	1	1	1	0	1	• . 0	100.00%	50.00%	50.00%	50.00%
Category	B-A Deferi	red Exams							•				
B1.11	3	3	N/A	3	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%
B1.21	2	2	N/A	1	N/A	N/A	0	N/A	0	100.00%	50.00%	50.00%	50.00%
Totals:	5	5	. N/A	4	N/A	N/A	0	N/A	0	100.00%	80.00%	80.00%	80.00%

^{1. (}B1.11 & B1.21) Examination completion exceeds 50.00% for 1st Period and 75.00% for this 2nd Period. The examinations were performed at the beginning of the Inspection Interval as allowed by Relief Request I3R-01.

Category E	B-B Non-D	eferred Exa	ms											
B2.11	2	2	0	0	1	1	1	1	0	100.00%	0.00%	50.00%	50.00%	
B2.12	2	2	0	0	1	1	1	1	0	100.00%	0.00%	50.00%	50.00%	
B2.40	4	1	0	1	1 .	1	0	1	0	25.00%	100.00%	100.00%	100.00%	_
Totals:	8	5	1	1	2	2	2	2		62 50%	20.00%	65 00%	65 00%	_

^{1. (}B2.40) Per Examination Category B-B, Note 1, examinations may be limited to one vessel among a group of vessels performing a similar function.

Category E	B-D Non-D	eferred Exa	ms										
B3.110	6	6	1	1 .	3	2	3	3	0	100.00%	16.67%	66.67%	66.67%
B3.120	6	6	1	1	3	2	4	3	. 0	100.00%	16.67%	66.67%	66.67%
B3.140	8	8	-∕2	4	4	0	0.	2	0	100.00%	50.00%	50.00%_	50.00%
Totals:	20	20	4	6	10	4	7	9	0	100.00%	30.00%	65.00%	65.00%

^{1. (}B3.120 & B3.140) Per 10 CFR 50.55a(b)(2)(xxi)(A), Table IWB-2500-1 examination requirements, the provisions of Table IWB-2500-1, Examination Category B-D, Item Numbers B3.120 and B3.140 in the 1998 Edition must be applied when using the 1999 Addenda through the latest edition and addenda.

Category B	-D Deferr	ed Exams											
B3.90	8	8	N/A	8	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%
B3.100	8	8.	N/A	8	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%
Totals:	16	16	N/A	16	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%

^{1. (}B3.100) This Item Number requires a visual examination with enhanced magnification in lieu of volumetric examination, as allowed by Code Case N-648-1.

1 '	of Tables IW	y that the perio x-2412-1 will be		BYRON STATION UNIT 2 - 3RD INTERVAL ASME SECTION 2 EXAMINATION STATUS REPORT							2412-1 app	oly to the Cated	nents of Tables gory and were when practical.	
	# of	Total			# Ex	ams Com	pleted				% E	xams Comp	leted	
Item No.	Comp	Selected	Min	Per 1	Max	Min	Per 2	Max	Per 3	% S	elected	Period 1	Period 2	Period 3

- 2. (B3.90 & B3.100) Per Examination Category B-D, Note 5, for PWR's in the second and successive inspection intervals, these examinations may be deferred to the end of the interval provided no repair/replacement activities have been performed on the examination item, and no flaws or relevant conditions requiring successive inspections in accordance with IWB-2420(b) are contained in the examination item.
- 3. (B3.90 & B3.100) Examination completion exceeds 50.00% for 1st Period and 75.00% for this 2nd Period. The examination were performed at the beginning of the Inspection Interval as allowed by Relief Request I3R-01.

Category B	-G-1 Defe	erred Exams	;											
B6.10	3	3	N/A	3	N/A	N/A	0	N/A	. 0	100.00%	100.00%	100.00%	100.00%	
B6.20	3	3	N/A	3	N/A	N/A	0	N/A	0 -	100.00%	100.00%	100.00%	100.00%	
B6.40	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%	
B6.50	3	3	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%	
B6.170	1	` 1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%	
B6.180	4	1	N/A	0	N/A	N/A	0	N/A	0	25.00%	0.00%	0.00%	0.00%	
B6.190	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%	
B6.210	8	2	N/A	0	N/A	N/A	0	. N/A	0.	25.00%	0.00%	0.00%	0.00%	
B6.220	8	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%	
B6.230	8	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%	
Totals:	43	14	N/A	6	N/A	N/A	0	N/A	0	32.56%	42.86%	42.86%	42.86%	

- 1. (B6.10 & B6.20 & B6.50) Single components representing one third of the 54 Reactor Vessel Closure Head Nuts, Closure Studs, and Closure Washers, Bushings. The examinations were performed at the beginning of the Inspection Interval as allowed by Relief Request I3R-01.
- 2. (B6.40) A single component representing all of the 54 Reactor Vessel Threads in Flange to be examined.
- 3. (B6.170) A single component represents the five sets of CETC column nuts.
- 4. (B6.180) Four components are tracked in the database, each representing one of the 24 Bolts on one of the four Reactor Coolant Pumps (96 total) as reported in the ISI Program Plan. The volumetric examination of these components is limited to only one of the pumps per Examination Category B-G-1, Note 3 and Examination Category B-L-2, Note 1. Examination is required only once per inspection interval.
- 5. (B6.190) Four components are tracked in the database, each representing all 24 associated Flange Surfaces and Nuts, Bushings, and Washers for one of the four Reactor Coolant Pumps (96 total) as reported in the ISI Program Plan. The visual examination of these components is limited to only one of the pumps per Examination Category B-G-1, Note 3 and Examination Category B-L-2, Note 1. Also, per Examination Category B-G-1, Note 4 and Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Examination is required only once per inspection interval.
- 6. (B6.210) Eight components are tracked in the database, each representing all of the Bolts and associated Nuts, Bushings, and Washers and Flange Surfaces on one of the eight Reactor Coolant Valves as reported in the ISI Program Plan. The volumetric examination of these components is limited to only one of the valves per Examination Category B-G-1, Note 3 and Examination Category B-M-2, Note 3. Examination is required only once per inspection interval.

		y that the perio		BYRON	STATION	UNIT 2 - :	3RD INTE	RVAL AS			nents of Tables	IWx-	
the interval se		x-2412-1 will be	e met by	EXAMINATION STATUS REPORT 2412-1 apply to the Category and were applied to each Item only when practical.)									.)
	# of	Total		-	# Exa	ams Com	pleted		1	% E	xams Comp	leted	
Item No.	Comp	Selected	Min	Per 1	Max	Min	Per 2	Max	% Selected	Period 1	Period 2	Period 3	

7. (B6.220 & B6.230) Eight components are tracked in the database, each representing all of the Bolts and associated Nuts, Bushings, and Washers and Flange Surfaces on one of the eight Reactor Coolant Valves as reported in the ISI Program Plan. The visual examination of these components is limited to only one of the valves per Examination Category B-G-1, Note 3 and Examination Category B-M-2, Note 3. Also, per Examination Category B-G-1, Note 4 and Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Examination is required only once per inspection interval.

Category i	B-G-2 Defe	erred Exams	3										
B7.10	. 2	1	N/A	0	N/A	N/A	0	N/A	0	50.00%	0.00%	0.00%	0.00%
B7.20	1	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B7.30	4	4	N/A	2	N/A	N/A	. 0	N/A	0	100.00%	50.00%	50.00%	50.00%
B7.50	20	5	N/A	3	N/A	N/A	1	N/A	0	25.00%	60.00%	80.00%	80.00%
B7.60	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B7.70	26	1	N/A	1	N/A	N/A	0	N/A	0	3.85%	100.00%	100.00%	100.00%
Totals:	57	11	N/A	6	N/A	N/A	1	N/A	0	19.30%	54.55%	63.64%	63.64%

- 1. (B7.10) Two components representing the CETC and RVLIS Clamp Bolts and associated Nuts as reported in the ISI Program Plan.
- 2. (B7.20) A single component representing all 16 Pressurizer Manway Bolts and associated Nuts as reported in the ISI Program Plan.
- 3. (B7.30) Four components are tracked in the database, each representing all 32 Bolts and associated Nuts for both Manways on each of the four Steam Generator (128 total) as reported in the ISI Program Plan.
- 4. (B7.50) Per Examination Category B-G-2, Note 3, examination is required only when a bolted connection is disassembled or bolting is removed. Also, per Examination Category B-G-2, Note 3, examinations are limited to at least one bolted connection within each group of bolted connections that are similar in design, size, function, and service. Examination is required only once per inspection interval within each bolted connection group.
- 5. (B7.60) Four components are tracked in the database, each representing all 36 Bolts and associated Nuts for one of the four Reactor Coolant Pumps (144 total) as reported in the ISI Program Plan. Per Examination Category B-G-2, Note 2 and Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Also, per Examination Category B-G-2, Note 2 and Examination Category B-L-2, Note 1, examinations are limited to at least one pump within each group of pump that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.
- 6. (B7.70) Per Examination Category B-G-2, Note 2 and Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Also, per Examination Category B-G-2, Note 2 and Examination Category B-M-2, Note 3, examinations are limited to at least one valve within each group of valves that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.

	of Tables IV	fy that the period /x-2412-1 will be		BYRON				RVAL AS	ME SECTIO	23.	2412-1 ap	entage requirent oply to the Categorial each Item only	ory and were	
.]	# of	Total			# Ex	ams Com	pleted					% E	xams Comp	oleted
Item No.	Comp	Selected	Min	Per 1	Max	Min	Per 2	Max	Per 3	% Se	lected	Period 1	Period 2	Period 3
Category I	B-K Non-D	eferred Exa	ms				*							
B10.10	2	2	0	Ó	1	1	0	1	0	100	0.00%	0.00%	00.00%	0.00%
B10.20	8	3	. 1	1	1	1	1	· 1	0	37	.50%_	33.33%	66.67%	66.67%
Totals:	10	5	1	1	2	2	1	2	. 0	50	.00%	20.00%	40.00%	40.00%

- 1. (B10.10) Per Examination Category B-K, Note 4, for multiple vessels of similar design, function and service, only one welded attachment of only one of the multiple vessels shall be selected for examination. Conservatively, a welded attachment of each type of welded attachment of one of multiple vessels will be examined.
- 2. (B10.20) Per Examination Category B-K, Note 5, for piping, pumps, and valves, a sample of 10% of the welded attachments associated with the component supports selected for examination under IWF-2510 shall be examined. This requirement is conservatively interpreted to mean that 10% of the total

Category B-L-2 Deferred Exams

B12.20	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%	_
Totals:	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%	-

1. (B12.20) The examination of pump casings is limited to only one of the pumps performing similar functions in the system per Examination Category B-L-2, Note 1. Also, per Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination. Examination is required only once per inspection interval.

Category B-M-2 Deferred Exams

B12.50	37	2	N/A	2	N/A	N/A	0	N/A	_ 0	5.4	1%	100.00%	100.00%	100.00%	
Totals:	37	2	N/A	2	N/A	N/A	0	N/A	0	5.4	1%	100.00%	100.00%	100.00%	

1. (B12.50) Per Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination. Also, per Examination Category B-M-2, Note 3, examinations are limited to at least one valve within each group of valves that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.

Category B-N-1 Non-Deferred Exams

B13.10	2	1	0	1	1	1	1	1	0	50.00%	100.00%	200.00%	200.00%
Totals:	2	1	0	1	1	1	1	1	0	50.00%	100.00%	200.00%	200.00%

1. (B13.10) "% Completed" exceeds 100% since the vessel interior is selected for examination once each period (three times during the interval).

,	of Tables IW	fy that the periodi /x-2412-1 will be r		BYRON				RVAL AS	ME SECTION	2412-1	rcentage requirent apply to the Cates to each Item only	gory and were	
	# of	Total		,	# Ex	ams Com	pleted				% E	xams Com	oleted
Item No.		Selected	Min	Per 1	Max	Min	Per 2	Мах	Per 3	% Selected	Period 1	Period 2	Period 3
Category I	B-N-2 Defe	erred Exams											
B13.50	1	1	N/A	1	N/A	N/A	0	N/A	0 .	100.00%	100.00%	100.00%	100.00%
B13.60	<u>1</u>	1	N/A	1	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%
Totals:	2	2	N/A	2	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%

1. (B13.50 & B13.60) Examination completion exceeds 50.00% for 1st Period and 75.00% for this 2nd Period. The examination were performed at the beginning of the Inspection Interval as allowed by Relief Request I3R-01.

Category B-N-3 Deferred Exams

B13.70	1_	1	N/A	1	N/A	N/A	. 0	N/A	0	100.00%	100.00%	100.00%	100.00%
Totals:	1	1	N/A	1	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%

1. (B13.70) Examination completion exceeds 50.00% for 1st Period and 75.00% for this 2nd Period. The examination were performed at the beginning of the Inspection Interval as allowed by Relief Request I3R-01.

Category B-O Deferred Exams

B14.10	5	5	N/A	2	N/A	N/A	0	N/A	0	100.00%	40.00%	40.00%	40.00%
Totals:	5	5	N/A	2	N/A	N/A	0	N/A	0	100.00%	40.00%	40.00%	40.00%

1. (B14.10) 10% of the 45 CRD Housings (as reported in the ISI Program Plan) are required to be examined each interval per this Item Number. These 5 components represent that 10% population.

Category B-P Non-Deferred Exams

B15.10	<u> </u>	1	N/A	2	N/A	N/A	1	N/A	0	100.00%	200.00% 300.00%	0.00%
Totals:	1	1	N/A	2	N/A	N/A	1	N/A	0	100.00%	200.00% 300.00%	0.00%

- 1. (B15.10) "% Completed" exceeds 100% since Class 1 pressure tests are performed each refueling outage.
- 2. (B15.10) One component representing the five systems in Class 1 as reported in the ISI Program Plan.

Category C-A Non-Deferred Exams

- July 1		J. J											
C1.10	14	3	1	1	1	1	0	1 -	0	21.43%	-33.33%	33.33%	33.33%
C1.20	6	1	0	0	1	1	0	1	0	16.67%	0.00%	0.00%	0.00%
C1.30	4	1	0	1	. 1	1	0	1	0	25.00%	100.00%	100.00%	100.00%
Totals:	24	5	1	2	2	1	0	1	0	20.83%	40.00%	40.00%	40.00%

1. (C1.10 & C1.20) Per Examination Category C-A, Note 3, in the case of multiple vessels of similar design, size, and service, the required examinations may be limited to one vessel or distributed among the vessels.

•	of Tables IW	fy that the periodi /x-2412-1 will be r		BYRON		UNIT 2 - : MINATIO			SME SECTION RT	2412-1 ap	entage requiren ply to the Cated each Item only	gory and were	
	# of	Total			# Ex	ams Com	pleted				% E	xams Comp	leted
Item No.	" "," "	Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	Period 1	Period 2	Period 3	
Category (C-B Non-D	eferred Exan	ns										y
C2.21	16	3	1	1	1	1	0	1	- O	18.75%	33.33%	33.33%	33.33%
C2.22	. 4	1	. 0	1	['] 1	1	. 0	1	0	25.00%	100.00%	100.00%	100.00%
Totals:	20	4	1	2	2	0	0	1	0	33.33%	50.00%	50.00%	50.00%

- 1. (C2.21 & C2.22) Per Examination Category C-B, Note 4, in the case of multiple vessels of similar design, size, and service, the required examinations may be limited to one vessel or distributed among the vessels.
- 2. (C2.21) Two welds per item for the Residual Heat Removal Heat Exchanger are exempted from examination with the adoption of ASME Code Case N-706 (ref: I3T-08). The remaining welds in the items are for the four steam generators and are selected for examination under #1 above.

Category C-C Non-Deferred Exams C3.10 2 50.00% 0.00% 0.00% 0.00% C3.20 76 0 10.53% 12.50% 50.00% 50.00% 4 10.00% 50.00% 50.00% C3.30 20 0 50.00% 0 Totals: 98 11 11,22% 18.18% 45.45% 45.45%

- 1. (C3.10) Per Examination Category C-C, Note 4, for multiple vessels of similar design, function, and service, only one welded attachment of only one of the multiple vessels shall be selected for examination. Conservatively, a welded attachment of each type of welded attachment of one of multiple vessels will be examined.
- 2. (C3.20 & C3.30) Per Examination Category C-C, Note 5, for piping, pumps, and valves, a sample of 10% of the welded attachments associated with the component supports selected for examination under IWF-2510 shall be examined. This requirement is conservatively interpreted to mean that 10% of the total Class 2 welded attachments shall be examined. The interpretation is consistent with the previous NRC condition on the use of Code Case N-509.

Category C-H Non-Deferred Exams

C7.10	49	49	N/A	49	N/A	N/A	12	N/A	0	100.00%	100.00%	124.49%	0.00%	
Totals:	49	49	N/A	49	N/A	N/A	12	N/A	0	100.00%	100.00%	124.49%	0.00%	

- 1. (C7.10) "% Completed" exceeds 100% since Class 2 pressure tests are performed each inspection period.
- 2. (C7.10) Forty-nine components representing the twenty-nine systems/ in Class 2 as reported in the ISI Program Plan.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)				BYRON				RVAL AS	ME SECTION	2412-1 ap	entage requirent ply to the Cated each Item only	ory and were	
# of Total		Total			# Ex	ams Com	pleted				% Exams Completed		
Item No.	Comp	Selected	Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	Period 1	Period 2	Períod 3
F1.10	467	eferred Exan 120	20	31	60	29	18	59	0	25.70%	25.83%	40.83%	40.83%
		- -							0				
F1.20	659	109	18	25	54	30	23	56	U	16.54%	22.94%	44.04%	44.04%
F1.30	370	41	7	9	20	12	9	21	0	11.08%	21.95%	43.90%	43.90%
F1.40	70	32	6	6	16	10	1	18	0	45.71%	18.75%	21.88%	21.88%
Totals:	1566	302	49	71	151	80	51	155	0	19.28%	23.51%	40.40%	40.40%

^{1. (}F1.40) Per Examination Category F-A, Note 3, for multiple components other than piping within a system of similar design, function, and service, the supports of only one of the multiple components are required to be examined.

^{2. (}F1.30 & F1.40) Class 3 components included in table. IWF-2410 completion percentage applies to entire Examination Category.

Category	R-A Non-Se	ocket Welds	•										
1	242	61	10	23	30	8	6	22	0	25.21%	37.70%	47.54%	47.54%
2	130	39	7	20	19	0	5	9	0 .	30.00%	51.28%	64.10%	64.10%
4	1364	140	23	36	70	34	2	69	0	10.26%	25.71%	27.14%	27.14%
5	71	9	2_	7	4	-2	0	-1	0	12.68%	77.78%	77.78%	77.78%
Totals:	1807	249	40	86	124	39	13	100	0	13.78%	34.54%	39.76%	39.76%

^{1. (}BER Welds) The # of Comp and # Selected include all BER welds which have been integrated into the RISI Program and are selected in accordance with the Risk Informed BER methodology.

Category	R-A Socke	t Welds												
2	84	26	N/A	52	N/A	N/A	26	N/A	0	30.95%	200.00%	300.00%	300.00%	
4	172	21	N/A	42	N/A	N/A	21	N/A	0	12.21%	200.00%	300.00%	300.00%	
5	334	32	. N/A	64	N/A	N/A	32	N/A	0	9.58%	200.00%	300.00%	300.00%	
Totals:	590	79	N/A	158	N/A	N/A	79	N/A	0	13.39%	200.00%	300.00%	300.00%	

^{1.} Socket welds for Examination Category R-A piping structural elements are listed separately from butt welds because socket welds are selected for examination in "each" refueling outage. Including socket welds in the # of Comp, Total Selected, and # Selected fields with the butt welds would misrepresent the % completed distributions for the remainder of the Examination Category. The "% Completed" exceeds 100% since they are examined each outage per ASME Code Case N-578-1, Table 1, footnote 12.

SECTION 4.0



As Required by the Provisions of the ASME Code Rules (Page 1 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Auxiliary Feedwater System (AF)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2-AF-2-1	Hunter Corporation	N/A	N/A	N/A
2-AF-2-2	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules

(Page 2 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Auxiliary Feedwater System (AF)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2FW87BC- 3/2FW10001S	Pacific Scientific	12034	NA	NA .



As Required by the Provisions of the ASME Code Rules (Page 3 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-CS-2-1	Hunter Corporation	N/A	N/A	N/A
2-CS-2-2	Hunter Corporation	N/A	N/A	N/A



As Required by the Provisions of the ASME Code Rules (Page 4 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Containment Spray System (CS)

Component or			State or	National
Appurtenance			Province No.	Board No.
2CS06AA- 6/2CS06033A	HUNTER	N/A	NA	NA

As Required by the Provisions of the ASME Code Rules (Page 5 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2CS02AA- 10/2CS03A007S	Pacific Scientific	16636	NA	NA
2CS02AB- 10/2CS03B018S	Pacific Scientific	9178	NA	NA

2

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 6 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. 0

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

2

08/22/87

6. National Board Number for Unit:

N-200

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.
2-CV-2-1	Hunter Corporation	N/A	N/A	N/A
2-CV-2-10	Hunter Corporation	N/A	N/A	· N/A
2-CV-2-2	Hunter Corporation	N/A	N/A	N/A
2-CV-2-3	CV-2-3 Hunter Corporation		N/A	N/A
2-CV-2-4	Hunter Corporation	N/A	N/A	N/A
2-CV-2-5	2-CV-2-5 Hunter Corporation		N/A	N/A
,2-CV-2-6	,2-CV-2-6 Hunter Corporation		N/A	N/A
2-CV-2-7	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 7 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2CV05CB- 6/2CV08007V	HUNTER	N/A	NA	NA
2CV09A- 4/2CV01A064X	HUNTER	N/A	NA	NĄ
2CV45B-2/2CV22007X	HUNTER	N/A	NA	NA
2CV45B-2/2CV22008X	HUNTER	N/A	NA	NA
2CV45B-2/2CV22010X	HUNTER	N/A	NA	·NA
2CV45B-2/2CV22011X	HUNTER	. N/A 🔍	NA	NA
2CV45B-2/2CV22016A	HUNTER	N/A	NA	NA
2CVB7A-3/2CV06005X	HUNTER	N/A	NA ·	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 8 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2CVA3B-2/W-70	Hunter Corp.	2-CV-1-N5	NA ·	NA
2CVA3B-2/W-71	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA3B-2/W-72	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA3B-2/W-73	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA3B-2/W-80	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA3B-2/W-81	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA5AA-2/W-06	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA5AA-2/W-07	Hunter Corp.	2-CV-1-N5	. NA	NA
2CVA6AA-2/W-04	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA6AA-2/W-05	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA7AA-2/W-06	Hunter Corp.	2-CV-1-N5	NA	NA
2CVA7AA-2/W-07	Hunter Corp.	2-CV-1-N5	. NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 9 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2CVA7AA-2/W-08	Hunter Corp.	2-CV-1-N5	NA	NA .

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 10 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2CV10B-3/2CV04002S	Lisega	01615143/008	NA	NA
2CV10B-3/2CV04012S	Lisega	02615163/012	NA	NA
2CV10CA- 3/2CV22002S	Pacific Scientific	7738	NA	. NA
2CV10DB- 3/2CV02009S	Pacific Scientific	2184	NA	NA
2CV15AC- 3/4/2CV29002S	Pacific Scientific	23855	NA	NA
2CVA6AA- 2/2CV09026S	Pacific Scientific	4099	NA	NA
2CVA7AA- 2/2CV25012S	Pacific Scientific	8084	NA	NA
2CVB7BA- 3/2CV23005S	Pacific Scientific	1575	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.



As Required by the Provisions of the ASME Code Rules (Page 11 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Fuel Pool Cooling System (FC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2-FC-2-1	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 12 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2-FW-2-2	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 13 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Feedwater System (FW)

2

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2FW03DA- 16/2FW02020X	HUNTER	N/A	NA	NA
2FW81AA- 6/2AF06038R	HUNTER	N/A	NA	NA
2FW81BA- 6/2AF06040V	HUNTER	N/A	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 14 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2FW03DA-16/C01	Hunter Corp.	2-FW-5-N5	NA	NA
2FW03DA-16/C02	Hunter Corp.	2-FW-5-N5	NA	NA
2FW81BA-6/C07	Hunter Corp.	2-FW-5-N5	NA	NA
2FW87CA-6/C01	Hunter Corp.	2-FW-5-N5	NA	NA
2FW87CA-6/C02	Hunter Corp.	2-FW-5-N5	NA	NA
2FW87CA-6/C03	Hunter Corp.	2-FW-5-N5	NA 	NA
2FW87CA-6/C04	Hunter Corp.	2-FW-5-N5	NA	NA .

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

As Required by the Provisions of the ASME Code Rules (Page 15 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2FW03DA- 16/2FW02012S	Pacific Scientific	2565	NA	NA
2FW03DA- 16/2FW02016S	Pacific Scientific	8270	NA	NA
2FW03DB- 16/2FW03017S	Pacific Scientific	4794	NA	NA
2FW03DD- 16/2FW05022S	Pacific Scientific	8201	NA	NA
2FW87CC- 6/2FW08005S	Pacific Scientific	19389	NA	NA
2FW87CC- 6/2FW08006S	Pacific Scientific	20613	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.



Byron Station Unit 2 B2R15 ISI Outage Report

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules (Page 16 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-MS-2-1	Hunter Corporation	N/A	N/A	· N/A
2-MS-2-2	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 17 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2MS07AA- 28/2MS01205X	HUNTER	· N/A	NA	NA
2MS07AC- 28/2MS01101S	PACIFIC SCIENTIFIC	13785 / 13772	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 18 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)-

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2MS01AC- 32.75/2MS07006-S1	Pacific Scientific	10537	NA	NA
2MS01AC- 32.75/2MS07006-S2	Pacific Scientific	10536	NA	NA



As Required by the Provisions of the ASME Code Rules (Page 19 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-OG-2-1	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 20 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-PS-2-3	Hunter Corporation	N/A	N/A	N/A
2-PS-2-4	Hunter Corporation	N/A	N/A	N/A
2-PS-2-5	Hunter Corporation	N/A	N/A	N/A
2-PS-2-6	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 21 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Pressurizer (PZR)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2RY-01-S/PC-05	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PL-04	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-02	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-02-NIR	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-03	Westinghouse Corp.	. 1741	U-201441	W13582
2RY-01-S/PN-03-NIR	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-05-NIR	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-06	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-06-NIR	Westinghouse Corp.	1741	U-201441	W13582

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 22 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-RC-1-1	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



Byron Station Unit 2 B2R15 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 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC14AB- 2/2CV15016V	HUNTER	N/A	NA ·	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 24 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC01AA-29/J06	Hunter Corp.	2-RC-1-N5	NA	NA
2RC-01-R/RPVS-A F1	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC-01-R/RPVS-D F1	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC-01-R/RPVS-E F1	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC-01-R/RPVS-F F1	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC-01-R/RPVS-H F1	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC03AA-27.5/J02A	Hunter Corp.	2-RC-1-N5	NA	NA ·
2RC03AA-27.5/J04	Hunter Corp.	2-RC-1-N5	NA	NA
2RC13AA-2/W-01	Hunter Corp.	· 2-RC-1-N5	NA ,	NA
2RC13AA-2/W-02	Hunter Corp.	2-RC-1-N5	NA	NA
2RC13AA-2/W-03	Hunter Corp.	2-RC-1-N5	NA	NA
2RC13AA-2/W-04	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.



As Required by the Provisions of the ASME Code Rules (Page 25 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC13AA-2/W-05	Hunter Corp.	2-RC-1-N5	NA	, NA
2RC13AB-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC13AC-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC13AD-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-01A	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-01B	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-01C	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-02	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-03	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-04	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-05	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.



As Required by the Provisions of the ASME Code Rules (Page 26 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC14AA-2/W-06	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-07	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-08	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-09	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-10	Hunter Corp.	2-RC-1-N5	NA	NA
2RC14AA-2/W-11	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AA-2/W-03	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AA-2/W-04	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AA-2/W-05	Hunter Corp.	2-RC-1-N5	NA	, NA
2RC16AA-2/W-06	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AA-2/W-07	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AB-2/W-04	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.



As Required by the Provisions of the ASME Code Rules (Page 27 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC16AB-2/W-05	Hunter Corp.	2-RC-1-N5	NA	NA
2RC16AC-2/W-08	Hunter Corp.	2-RC-1-N5	· NA	NA
2RC16AD-2/W-01	Hunter Corp.	2-RC-1-N5	NA .	NA
2RC22AA-1.5/W-01	Hunter Corp.	2-RC-1-N5	NA .	NA
2RC22AA-1.5/W-05	Hunter Corp.	2-RC-1-N5	NA	NA
2RC22AC-1.5/W-01	Hunter Corp.	2-RC-1-N5	: NA	NA
2RC22AC-1.5/W-06	Hunter Corp.	2-RC-1-N5	NA	NA
2RC22AD-1.5/W-01	Hunter Corp.	2-RC-1-N5	NA	, NA
2RC22AD-1.5/W-08	Hunter Corp.	2-RC-1-N5	NA	NA ,
2RC26A-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC26A-2/W-02	Hunter Corp.	2-RC-1-N5	NA	NA
2RC28A-3/Zone 1	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 28 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC30AA-1.5/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RC35AA-6/J02	Hunter Corp.	2-RC-1-N5	NA	NA .
2RC35AA-6/J03	Hunter Corp.	2-RC-1-N5	NA	NA
2RC35AA-6/J04	Hunter Corp.	2-RC-1-N5	NA	NA
2RC35AA-6/J05	Hunter Corp.	2-RC-1-N5	NA	NA
2RC37A-3/Zone 2	Hunter Corp.	2-RC-1-N5	NA .	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 29 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC01BA- 2A/2RC01BA-A	Boeing	27	NA	NA
2RC01BA- 2A/2RC01BA-B	Boeing	35	NA	NA
2RC01BB- 2B/2RC01BB-A	Boeing	9	NA	NA
2RC01BB- 2B/2RC01BB-B	Boeing	15	NA	NA
2RC01BC- 2C/2RC01BC-A	Boeing	19	NA	NA
2RC01BC- 2C/2RC01BC-B	Boeing	7	NA	NA
2RC01BD- 2D/2RC01BD-A	Boeing	. 5	NA	NA
2RC01BD- 2D/2RC01BD-B	Boeing	31 .	NA .	NA
2RC08AA- 3/4/2RC16009S	Pacific Scientific	14672	NA	NA
2RC13AB- 2/2CV15002S	Pacific Scientific	8034	NA	NA
2RC14AD- 2/2CV25019S	Pacific Scientific	3105	NA	NA
2RC14AD- 2/2CV25020S	Pacific Scientific	17595	NA ·	. NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.

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As Required by the Provisions of the ASME Code Rules (Page 30 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RC14AD- 2/2CV25024S	Pacific Scientific	8040	NA	NA
2RC22AA- 1.5/2RC16001S	Pacific Scientific	12848	NA	NA
2RC22AA- 1.5/2RC16011S	Pacific Scientific	2928	NA	NA
2RC22AB- 1.5/2RC17015S	Pacific Scientific	9917	NA	NA
2RC48BB- 1/2/2RC90B008S	Pacific Scientific	3134	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.

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2



As Required by the Provisions of the ASME Code Rules (Page 31 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-RH-2-1	Hunter Corporation	N/A	N/A	. N/A
2-RH-2-2	Hunter Corporation	N/A	N/A	N/A
2-RH-2-3	Hunter Corporation	N/A	N/A	N/A
2-RH-2-6	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 32 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RH01CA- 16/2SI06259X	HUNTER	N/A	NA	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 33 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RH01BA-12/C03	Hunter Corp.	2-RH-2-N5	NA	NA
2RH02AA-8/C47	Hunter Corp.	2-RH-2-N5	NA	. NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 34 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RH02AA- 8/2RH07003S	Pacific Scientific	12105	NA	NA
2RH02AA- 8/2RH07012S	Pacific Scientific	15103	NA	NA .
2RH26AA- 3/4/2RH02121S	Pacific Scientific .	8077	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 35 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Reactor Pressure Vessel (RPV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2RC-01-R/RPV BMI	Westinghouse Corp.	640-0012-51	B-09062	N-200
2RC-01-R/RPV HEAD PEN	Westinghouse Corp.	640-0012-52	B-09062	N-200
2RC-01-R/RPV HEAD SURF	Westinghouse Corp.	640-0012-52	B-09062	N-200
2RC-01-R/RPV INTERIOR	Westinghouse Corp.	640-0012-51	B-09062	N-200

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 36 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RY03BC-6/FLG 1-12	Hunter Corp.	2-RC-1-N5	NA	NA
2RY76A-2/FLG 1-8	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 37 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RY-01-S/SKT	HUNTER	N/A	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 38 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RY01B-6/J28	Hunter Corp.	2-RC-1-N5	NA	NA
2RY01B-6/J29	Hunter Corp.	2-RC-1-N5	NA	NA
2RY01B-6/J30	Hunter Corp.	2-RC-1-N5	NA .	NA .
2RY01C-4/J01S	Westinghouse Corp.	2-RC-1-N5	NA	NA NA
2RY-01-S/PN-01-F1S	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-02-F2S	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-03-F3S	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-04-F4S	Westinghouse Corp.	1.741	U-201441	W13582
2RY-01-S/PN-05-F5S	Westinghouse Corp.	1741	U-201441	W13582
2RY-01-S/PN-06-F6S	Westinghouse Corp.	1741	U-201441	W13582
2RY02A-6/J01S	Westinghouse Corp.	2-RC-1-N5	· NA	NA
2RY03AA-6/J01S	Westinghouse Corp.	2-RC-1-N5	, NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 39 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RY03AB-6/J01S	Westinghouse Corp.	2-RC-1-N5	NA .	NA
2RY03AC-6/J01S	Westinghouse Corp.	2-RC-1-N5	NA	NA
2RY11A-14/J01S	Hunter Corp.	2-RC-1-N5	NA	NA
2RY18A-2/W-01	Hunter Corp.	2-RC-1-N5	NA	NA
2RY18A-2/W-02	Hunter Corp.	2-RC-1-N5	, NA	NA
2RY18A-2/W-03	Hunter Corp.	2-RC-1-N5	ΝA	NA ·
2RY18A-2/W-04	Hunter Corp.	2-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Byron Station Unit 2 B2R15 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 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

· N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2RY01B-6/2RY06025- S1	Pacific Scientific	9655	NA	NA
2RY01B-6/2RY06025- S2	Pacific Scientific	9558	NA	NA
2RY02B-3/2RY09077S	Hunter Corp.	23126	NA	NA
2RY18A-2/2RY06114S	Pacific Scientific	4356	NA	NA
2RY34AB- 1/2/2RC92002S	Pacific Scientific	27591	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.

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As Required by the Provisions of the ASME Code Rules (Page 41 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200 .

7. Components Inspected: Steam Generator Blowdown System (SD)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2SD01CB- 2/2SD01005S	Lisega	03615873/010	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 42 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Steam Generator (SG)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2RC-01-BA/BLT 1-32	Westinghouse Corp.	2095	U-201435	15

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.

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As Required by the Provisions of the ASME Code Rules (Page 43 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

T. OWIIC

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Steam Generator (SG)

2

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2RC-01-BA/DRAIN	Westinghouse Corp.	2095	U-201435	15
2RC-01-BB/DRAIN	Westinghouse Corp.	2096	U-201436	16
2RC-01-BC/DRAIN	Westinghouse Corp.	2097	U-201437	17
2RC-01-BD/DRAIN	Westinghouse Corp.	2098	U-201438	18



Byron Station Unit 2 B2R15 ISI Outage Report

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules (Page 44 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Omio

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

7. Components Inspected: Safety Injection System (SI)

2

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
2SI08HA-2/FLG 1-8	Hunter Corp.	2-SI-1-N5	NA	NA



Byron Station Unit 2 B2R15 ISI Outage Report

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules (Page 45 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-SI-2-1	Hunter Corporation	N/A	N/A	N/A
2-SI-2-2	Hunter Corporation	N/A	N/A	N/A
2-SI-2-3	Hunter Corporation	N/A	N/A	N/A
2-SI-2-4	Hunter Corporation	N/A	N/A	N/A
2-SI-2-5	Hunter Corporation	N/A	N/A	N/A
2-SI-2-6	Hunter Corporation	N/A	N/A	N/A
2-SI-2-7	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 46 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2SI04B- 12/2RH02109X	HUNTER	N/A	NA	NA
2SI04B- 12/2RH02110X	HUNTER	N/A	. NA	NA
2SI04D-8/2RH02020X	HUNTER	N/A	NA	NA
2SI05CA-8/2SI01024X	HUNTER	N/A	NA	NA
2SI05CA-8/2SI01040X	HÜNTER	N/A	NA .	NA
2SI06BA- 24/2SI06260X	HUNTER	N/A	NA ·	NA
2SI06BA- 24/2SI06261X	HUNTER	N/A	NA	NA
2SI08FA-3/2SI21014X	HUNTER	N/A	NA	NA
2SI08HA-2/2SI25009X	HUNTER	N/A	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 47 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2SI03DA-2/W-08A	Hunter Corp.	2-SI-1-N5	NA	NA
2SI04B-12/C02	Hunter Corp.	2-SI-2-N5	NA	NA
2SI05BA-8/C02	Hunter Corp.	2-SI-2-N5	NA	NA
2SI08HA-2/W-01	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08HA-2/W-02	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08HA-2/W-03	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08HA-2/W-04	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08HA-2/W-05	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08HA-2/W-06	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-01	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-02	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-03	Hunter Corp.	2-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 48 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

1

1

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.
2SI08JA-1.5/W-04	Hunter Corp.	2-SI-1-N5	NĄ	NA
2SI08JA-1.5/W-05	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-05A	Hunter Corp.	2-SI-1-N5	. NA	NA
2SI08JA-1.5/W-05B	Hunter Corp.	2-SI-1-N5	NA .	NA
2SI08JA-1.5/W-06	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-07	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-10	Hunter Corp.	2-SI-1-N5	NA	NA
2SI08JA-1.5/W-11	Hunter Corp.	2-SI-1-N5	. NA	NA
2SI08JA-1.5/W-14	Hunter Corp.	2-SI-1-N5	NA	NA *
2SI08JA-1.5/W-15	Hunter Corp.	2-SI-1-N5	NA	NA
2SI18FC-2/W-01.02	Exelon Corp.	2-SI-1-N5	NA .	NĄ
2SI18FC-2/W-01A.01	Exelon.Corp.	2-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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.

Computer Generated Form



As Required by the Provisions of the ASME Code Rules (Page 49 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2SI18FC-2/W-01B.01	Exelon Corp.	2-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 50 of 53)

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2SI05DC-6/2SI09014- S1	Pacific Scientific	20565	NA	NA
2SI05DC-6/2SI09014- S2	Pacific Scientific	20555	NA	NA



As Required by the Provisions of the ASME Code Rules (Page 51 of 53).

1. Owner: Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2-SX-2-1	Hunter Corporation	N/A	N/A	N/A
2-SX-2-2	Hunter Corporation	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules (Page 52 of 53)

1. Owner:

Exelon Generation Company, (EGC, LLC), 4300 Winfield Road, Warrenville, Illinois 60555

(Name and Address of Owner)

2. Plant:

Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010

(Name and Address of Plant)

3. Plant Unit:

2、

4. Owner Certificate Of Authorization (if required):

N/A

5. Commercial Service Date:

08/22/87

6. National Board Number for Unit:

N-200

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.
2SX06CA- 14/2SX06009X	HUNTER	N/A	NA	NA
2SX06EC- 10/2SX06023A	HUNTER	N/A	NA	NA
2SX07EB- 14/2SX09015X	HUNTER	N/A	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support



As Required by the Provisions of the ASME Code Rules

(Page 53 of 53)

	(BA	CK)		
8. Examination Dates: 10/24/08	to05	/08/10		
9. Inspection Period Identification:	First Inspe	ction Period	918 39 49 4 · · · · · · · · · · · · · · · · ·	
10. Inspection Interval Identification:	Third Inspect	ion Interval		
11. Applicable Edition of Section XI:	2001	Addenda	2003	
12. Date / Revision of Inspection Plan:	08/15/09	_/4		
13. Abstract of Examinations and Test.	Include a list of e	xaminations and tes	ts and a statement concerning sta	atus
of work required for the Inspection P Refer to the Outage Summary P		Program Plan		
14. Abstract of Results of Examinations Refer to the Outage Summary F				
15. Abstract of Corrective Measures. Refer to the Outage Summary F	leport		•	
We certify that a) the statements r Inspection Plan as required by the ASM rules of the ASME Code, Section XI.				
Certificate of Authorization No. (if applicable):	N/A Ex	piration Date: N/A		
Date: 07/29/10 By: 125/1450	9	Signed for:Exelon Ge	eneration Company	
CERTIF	ICATE OF IN	SERVICE INSP	ECTION	
Owner's Report during the period _ knowledge and belief, the Owner hameasures described in this Owner's Section XI.	Province of d CT have 10/24/08_ to _ as performed e s Report in acc	Illinois inspected the con 05/08/10 , and to examinations and to ordance with the re	and employen and employen and employen and this state that to the best of my ests and taken corrective equirements of the ASME Code	ed
By signing this certificate neith expressed or implied, concerning the Owner's Report. Furthermore, neith for any personal injury or property of inspection.	ne examinations ner the Inspect lamage or a los	s, tests, and corre or nor his employe ss of any kind arisi	ctive measures described in t er shall be liable in any manne	er
•	inspectors orgi			
Commissions:ILL-1254	Date: _	gully 29	, 20	-
National Board, State, Province, and Endo	rsements	/ /		

SECTION 5.0

/影響

DOCUMENT NO.:	2.2		
		•	

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

1.	Owner _	Exelon Nucle	ar		Date <u>4-26-10</u>			
	4000 1111	!-14 D4 W	Name		Ob			
	4300 WINT	ield Road, W	Address		Sheet 1		of <u>1</u>	
2.	Plant i	Byron Nuclea	r Power Station		Unit 02			
	_		Name					
	4450 N. G	erman Churc	h Road, Byron, i	<u>L</u>	Work Order No.			
	•		Address		Hepair On	ganization,	P.O. No., Job No., e	etc.
3.	Work Perfo	ormed by	Shaw/Stone & W	/ebster_	Type Code Symbo	ol Stamp	Not Applic	able
			Name		Authorization No.		Applicable	
	36400 S. E	ssex Road, \	Wilmington, IL 6	0481	Expiration Date	Not Ap	plicable	
			Audiess					
4.	Identification	on of System	CHEMICAL	& VOLUME	CONTROL (CV)	· · · · · · · · · · · · · · · · · · ·	 	
5.	(a) Applic	able Construc	ction Code AS	ME Section	n III 19 74 Editio	n. S74	Addenda, 164	4 Rev. 7.
•			685, 1686, 1728,				Case	
				for Repair	/Replacement Activity	2001	Edition / 2003	Addenda
_	, ,		se(s) NONE					
6.	identification	on of Compon	ents					
								ASME
		i		National			Corrected, Removed, or	Code Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Installed	(Yes or No)
	omponent Snubber	Manufacturer Pacific	Serial No.	No.	Identification	Built	 	
	SA - 1/4	Scientific	23855	N/A	2CV29002S	1982	Removed	YES
Snub	ber, Lisega	USECA	20000552/000	NI/A	2CV29002S	0000	to should all	NO
301	1856 RF1	LISEGA	30900553/008	N/A	(CAT ID# 1396543-1)	2009	Installed	NO
	· · · · · · · · · · · · · · · · · · ·							
					·			
								
								
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		l <u> </u>	L		1		L	L
7.	Description	of Work	REPLACED SNU	BBER				
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8.	Test Condu	iotadi Usa	roctatio 🖂	Dogumetic	C Nominal Ones	tina Dec-	ouro 🗖 🙃	
σ.	•	•		Pneumatic	•	•		empt 🔲
	VT-3	Othe	r 🛛 Pressu	re	psi Test	Temp		°F

9. Remarks WO# 00488016-01	
Applicat	ble Manufacturer's Data Reports to be attached
	FICATE OF COMPLIANCE
•	ort are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Гуре Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
signed Suff Em	TO RECORD Date 6/4, 20 10
Owner or Owner's	Designee, Title
OCDITIO AT	
	TE OF INSERVICE INSPECTION
	ion issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Province	
 ; /	mponents described in this Owner's Report during the period
	nd state that to the best of my knowledge and belief,
the Owner has performed examinations and	I 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 Inspec	tor nor his employer makes any warranty, expressed or
implied, concerning the examinations and co	orrective measures described in this Owner's Report.
Furthermore, neither the Inspector nor his e	mployer shall be liable in any manner for any personal
injury or property damage or a loss of any ki	ind arising from or connected with this inspection.
Mindlush	Commissions /22- /154
Inspector's Signature	National Board, State Province, and Endorsements
Date: 01111/15 , 20 10	
June 1	

(Final)



	' NO.:	2.2					
1. Owner I		Required by the		FOR REPAIRS OR ons of the ASME Co Date 4-26-10		-	
4300 Winf	ield Road, W	Name arrenville, IL Address		Sheet1		of <u>1</u>	
2. Plant <u>l</u>	Byron Nuclea	r Power Station Name		Unit 02			
4450 N. G	erman Churc	h Road, Byron, i	L	Work Order No.	0048806	0-01	
		Address				P.O. No., Job No.,	etc.
3. Work Perfo	ormed by	Shaw/Stone & V	Vebster	Type Code Symbo	ol Stamp	Not Applic	able
		Name		Authorization No.		Applicable	
36400 S. E	ssex Road,	Wilmington, IL 6	0481	Expiration Date	Not A	pplicable	
4. Identification	on of System	Address REACTOR O	יטטו ואפ י	'BC)			
1651, (b) Applic (c) Sectio	1682, 1683, 1 able Edition o n XI Code Ca	685, 1686, 1728, f Section XI Used se(s) NONE	, 1729, 173	n III 19 74 Editio 14, N-108, N-180 r/Replacement Activity	Code	Case	
6. Identification	on of Compon	ents					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Name of	Manufacturer	Board			Removed, or	Code Stamped
Component Snubber	Name of Manufacturer Pacific Scientific	Manufacturer Serial No.	Board No.	Identification	Built	Removed, or Installed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)
Component Snubber PSA - 1/2 Snubber, Lisega	Name of Manufacturer Pacific Scientific	Manufacturer Serial No. 2829	Board No. N/A	2RC16011S 2RC16011S	Built 1980	Removed, or Installed Removed	Code Stamped (Yes or No)

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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.

psi

Nominal Operating Pressure

Test Temp.

Exempt [

Pneumatic

Pressure

Hydrostatic

Other 🖾

8.

Test Conducted:

VT-3

•	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
•	in the report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
pe Code Symbol Stamp	Not Applicable
rtificate of Authorization No.	Not Applicable
ined Suff En	Date 6 19, 20 10
Owner	or Owner's Designee, Title

I, the undersigned, holding a valid Vessel Inspectors and the State o	RTIFICATE OF INSERVICE INSPECTION I commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT ted the components described in this Owner's Report during the period
I, the undersigned, holding a valid Vessel Inspectors and the State o	commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to	commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ted the components described in this Owner's Report during the period
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to U/5/10 the Owner has performed examination.	commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 4/5/10 the Owner has performed examina Report in accordance with the requirement.	ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to U/5/10 the Owner has performed examina Report in accordance with the req By signing this certificate neither to	ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's puirements of the ASME Code, Section XI.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 15/10 the Owner has performed examinate Report in accordance with the required By signing this certificate neither the implied, concerning the examination	ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's uirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or
I, the undersigned, holding a valid Vessel Inspectors and the State of of Hartford, CT have inspect to 15/10 the Owner has performed examinate Report in accordance with the required By signing this certificate neither to implied, concerning the examination Furthermore, neither the Inspector	I commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or ons and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid Vessel Inspectors and the State of of Hartford, CT have inspect to 15/10 the Owner has performed examinate Report in accordance with the required By signing this certificate neither to implied, concerning the examination Furthermore, neither the Inspector	I commission issued by the National Board of Boiler and Pressure Province of Illinois and employed by HSB CT ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or ons and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid Vessel Inspectors and the State of of Hartford, CT have inspect to 15/10 the Owner has performed examinating Report in accordance with the required By signing this certificate neither to implied, concerning the examinating Furthermore, neither the Inspector	I commission issued by the National Board of Boiler and Pressure Province of Illinois and employed by HSB CT ted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ons and corrective measures described in this Owner's Report. It is of any kind arising from or connected with this inspection.

(Final)



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(2) (A)	
1333333	
(学)	

DOCUMENT NO.:	2.2	··	 	 	

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

1.	Owner _	Exelon Nuclea	ar		Date <u>4-24-10</u>			
			Name					
	4300 Wint	ield Hoad, Wa	Arrenville, IL Address		Sheet 1		of <u>1</u>	
2.	Plant	Bvron Nuclea	r Power Station		Unit <u>02</u>			
			Name		Om <u>02</u>	<u> </u>		
	4450 N. G	erman Churci	n Road, Byron, I	<u>L</u>	Work Order No.			
			Address		Repair Or	ganization,	P.O. No., Job No.,	itc.
3.	Work Perfe	ormed by	Shaw/Stone & W	/ebster	Type Code Symbo	ol Stamp	Not Applic	able
•	,		Name		Authorization No.	•	Applicable	
	36400 S. E	Essex Road, V	Vilmington, IL 60	0481	Expiration Date	Not A	oplicable	
			Address					
4.	Identification	on of System	REACTOR C	OOLING (RC)	<u> </u>		
5.	(a) Applio	able Construc	tion Code AS	ME Section	n III 19 74 Edition	n, S74	Addenda, 164	4 Rev. 7,
	<u>1651,</u>	1682, 1683, 1	685, 1686, 1728,	1729, 173	4, N-108, N-180	Code	Case	
				for Repair	/Replacement Activity	2001	Edition / 2003	Addenda
_			se(s) NONE					
6.	Identification	on of Compone	ents					
								ASME
				National			Corrected, Removed, or	Code Stamped
	Vame of	Name of	Manufacturer	Board	Other	Year	Installed	(Yes or No)
	nubber,	Manufacturer Pacific	Serial No.	No.	Identification	Built		
	SA - 1/2	Scientific	9917	N/A	2RC17015S	1981	Removed	YES
Snub	ber, Lisega				2RC17015S			
	856 RF2	LISEGA	30900553/003	N/A	(CAT ID# 1033720-1)	2009	Installed	NO
								
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]				}	
		<u> </u>					<u> </u>	
7	Dogovintie	of Modern						
7.	Description	OF WORK!	REPLACED SNU	DDEN				
-				······································				
8.	Test Condi	ucted: Hydr	ostatic 🔲 l	Pneumatic	☐ Nominal Opera	ting Pres	sure 🗌 Exe	empt 🔲
	VT-3	Other	r 🛛 Pressui	re	psi Test	Temp.		°F



△ F	oplicable Manufacturer's Data Reports to be attached
	EDTIFICATE OF COMPLIANCE
	ERTIFICATE OF COMPLIANCE
•	e report are correct and this conforms to the requirements of the ASME
ode, Section XI.	Not Applicable
pe Code Symbol Stamp ertificate of Authorization No.	Not Applicable
1 1	
gned	Date <u>6-14</u> , 20 10
Owner of Ov	wner's Designee, Title
	FICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid com	nmission issued by the National Board of Boiler and Pressure
I, the undersigned, holding a valid com Vessel Inspectors and the State or Pro	ovince of Illinois and employed by HSB CT
I, the undersigned, holding a valid com Vessel Inspectors and the State or Pro	nmission issued by the National Board of Boiler and Pressure
I, the undersigned, holding a valid com Vessel Inspectors and the State or Pro	ovince of Illinois and employed byHSB CT
I, the undersigned, holding a valid come Vessel Inspectors and the State or Proof Hartford, CT have inspected the Alfill to U/15/10	hmission issued by the National Board of Boiler and Pressure byince of Illinois and employed by HSB CT he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a valid comvessel Inspectors and the State or Proof Hartford, CT have inspected the Alfall to U15/10 the Owner has performed examination	he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, he and taken corrective measures described in this Owner's
I, the undersigned, holding a valid comvessel Inspectors and the State or Proof Hartford, CT have inspected the Owner has performed examination Report in accordance with the requirer	he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, he and taken corrective measures described in this Owner's ments of the ASME Code, Section XI.
I, the undersigned, holding a valid come Vessel Inspectors and the State or Proceeding to Hartford, CT have inspected the Aleman to Hartford, CT have inspected the Owner has performed examination Report in accordance with the requirement by signing this certificate neither the Irrespondence.	he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, he sand taken corrective measures described in this Owner's ments of the ASME Code, Section XI. hespector nor his employer makes any warranty, expressed or
I, the undersigned, holding a valid come Vessel Inspectors and the State or Proceeding to Hartford, CT have inspected the Owner has performed examination. Report in accordance with the requirement By signing this certificate neither the Irrimplied, concerning the examinations as	he components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, he sand taken corrective measures described in this Owner's ments of the ASME Code, Section XI. hespector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid come Vessel Inspectors and the State or Proceeding to Hartford, CT have inspected the Application of the Owner has performed examination. Report in accordance with the requirement of the State of Proceeding the Owner has performed examinations and the State or Proceeding the Owner has performed examination.	he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, as and taken corrective measures described in this Owner's ments of the ASME Code, Section XI. Aspector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report. This employer shall be liable in any manner for any personal
I, the undersigned, holding a valid come Vessel Inspectors and the State or Proceeding to Hartford, CT have inspected the Alfall to Hartford, CT have inspected the Alfall to Hartford, CT have inspected the top of the CT have inspected the top of the CT have inspected the top of the CT have inspected	he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, as and taken corrective measures described in this Owner's ments of the ASME Code, Section XI. Aspector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report. This employer shall be liable in any manner for any personal any kind arising from or connected with this inspection.
I, the undersigned, holding a valid come Vessel Inspectors and the State or Property of Hartford, CT have inspected the Land to the Owner has performed examination. Report in accordance with the requirer By signing this certificate neither the Irrimplied, concerning the examinations of Furthermore, neither the Inspector nor injury or property damage or a loss of Communications.	mission issued by the National Board of Boiler and Pressure ovince of Illinois and employed by HSB CT he components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, as and taken corrective measures described in this Owner's ments of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report. This employer shall be liable in any manner for any personal any kind arising from or connected with this inspection. Commissions
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(Final)



DOCUMENT NO.:	3 A	REV. NO.: 0	



FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

1.	Owner	Exelon Nuclear			Date 2-6-09			
1.	Owner _	Exercit (vacioa)	Name		Date 2-0-03			
	4300 Wint	ield Road, War			Sheet 1		of1	
•	Dlamb	•	Address		1 l= i4 00			
2.	Plant _	Byron Nuclear	Name	-	Unit 02		· · · · · · · · · · · · · · · · · · ·	· ***
	4450 N. G	erman Church		L	Work Order No.	0055342	6-01	
	****		Address	-			P.O. No., Job No	., etc.
3.	Work Perf		yron Mechanic aintenance	al	Type Code Symbo	ol Stamp	Not Appi	icable
		-	Name		Authorization No.	Not	Applicable	
	4450 N. G	erman Church		L	Expiration Date	Not A	oplicable	
		,	Address					
4.	Identificati	on of System	CV CHEMIC	AL AND VOLU	ME CONTROL			
5. 6.	(b) Applic		Section XI Used e(s) <u>N/A</u>		_19 <u>74</u> Edition, <u>V</u> placement Activity:			
	-						Corrected.	ASME Code
	. ,			National			Removed, or	Stamped
-	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
BOLT	, CLOSURE	STOCK EQUIP.	K29	N/A	2CV01FB	1978	REMOVED	NO
	, CLOSURE 53 GR. 660	NOVA MACH. PROD.	HT# 144C	, N/A	2CV01FB Cl# 1019317-1	2006	INSTALLED	NO
		1						
				<u> </u>		 		
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							1	
7.	Description	n of Work R	EPLACED FILT	ER COVER BO	OLTING			
-							· 	<u></u>
8.	Test Cond	ucted: Hydro Other		Pneumatic re	Nominal Opera psi Test	_	sure 🗌 E	ixempt ⊠ _ °F



9.	Remarks	WO# 0055342	26-01				Ø.
			Applicat	ble Manufacturer's Da	•		-
	Original be	olting documents	ation is not avail	able. Condition enter	red in the Exel	lon Corrective Action F	rogram.
	IR# 00322	:037				··	
	Compone	nt was built in 19	978				
				FICATE OF COMP			
1	certify that t	he statements n	nade in the repo	ort are correct and this	s conforms to	the requirements of th	e ASME
Co	de, Section 2	XI.					
Тур	e Code Syn	nbol Stamp		Not	t Applicable		
Cei	rtificate of A	uthorization No.		· · · · · · · · · · · · · · · · · · ·	Not Applicabl	•	
Sig	ned	Sw	A Em	A RRC	and.	Date 3-8 .:	20 09
			CERTIFICAT	TE OF INCERVICE	INCRECTIO	N	
		inoned believe .		TE OF INSERVICE			
		•		-		Boiler and Pressure	
	•		tate or Province		and emplo	· · ·	
· ·	of <u>Hartfor</u> /3//7/08	to 3/4/	LA	mponents described in the beautier that to the beautier that to the beautier to be a beautier to be		s Report during the pe vledge and belief,	riod
1	the Owner h	as performed ex	kaminations and	I taken corrective me	asures descri	bed in this Owner's	٠
1	Report in ac	cordance with th	ne requirements	of the ASME Code,	Section XI.		
ı	By signing th	nis certificate ne	ither the Inspect	tor nor his employer i	makes any wa	arranty, expressed or	•
i	mplied, con	cerning the exa	minations and co	orrective measures d	lescribed in th	is Owner's Report.	
1	Furthermore	, neither the Ins	pector nor his e	mployer shall be liabl	le in any mani	ner for any personal	
i	njury or pro	perty damage o	r a loss of any ki	ind arising from or co	onnected with	this inspection.	
	Quent	dush	-	Commissions	126-1	<i>154</i>	
	0	Inspector's Signat	ure		National Boar	d, State Province, and Endo	rsements
	Date: 7	AIN. D	00.00				
ı	Date:	WW 15 T	, 20 <u>09</u>				



	DOCUMENT
L. Salar	

DOCUMENT NO.: 5	5.2	REV. NO.:	0
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner	Exelon Nuclea	r		Date <u>4-24-10</u>			
	4300 Wi	nfield Road, Wai	Name renville, IL		Sheet 1		of <u>1</u>	
			Address					
2.	Plant	Byron Nuclear			Unit <u>02</u>		· · · · · · · · · · · · · · · · · · ·	
	4450 N.	German Church	Name Road, Byron, I	L	Work Order No.	0104261	3-01	
	7100111		Address				P.O. No., Job No.,	etc.
_	Wad. Da		ha/Ctama 8 14	/ahatan	Turnin Carda Cumah	al Chama	Not Amello	-hl-
3.	Work Pe	rformed by S	haw/Stone & V Name	rebster	Type Code Symb Authorization No.		Not Applic Applicable	abie
	36400 S	. Essex Road, W	** * *	0481	Expiration Date		plicable	
			Address		•			
4.	Identifica	ation of System	SI - SAFETY	INJECTION				
5.	(a) App	licable Constructi	on Code AS	ME Section III	19 74 Editio	on. S74	Addenda, 164	14 Rev. 7.
•	165	1, 168 <mark>2, 1683,</mark> 16	85, 1686, 1 728 ,	1729, 1734, N	I-108, N-180	Code	Case	
				for Repair/Re	placement Activity	2001	Edition / 2003	Addenda
6		tion XI Code Case ation of Compone						
6.	Identifica							
							Corrected,	ASME Code
				National		1	Removed, or	Stamped
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
	Snubber,	Pacific	20565	N/A	2SI09014S1	1986	Removed	YES
	PSA – 3	Scientific			2010301401	1300	Tiemoved	
	Snubber, PSA – 3	Pacific Scientific	10581	N/A	2SI09014S1	1982	Installed	YES
								
						 		
						 		
						L	<u></u>	
7.	Descripti	on of Work R	EPLACED SNL	IBBER		· · · · · · · · · · · · · · · · · · ·		
				<u></u>				
8.	Test Con			Pneumatic 🗌	•	_		empt 🗌
	VT-3	Other		re	psi Tes	t Temp		°F



Remarks WO# 01042618-01 Applica	able Manufacturer's Data Reports to be attached
CERT	IFICATE OF COMPLIANCE
I certify that the statements made in the repode, Section XI.	ort are correct and this conforms to the requirements of the ASME
pe Code Symbol Stamp	Not Applicable
rtificate of Authorization No.	Not Applicable
gned Statt Emos	Date 6-11, 20 10
I, the undersigned, holding a valid commiss	TE OF INSERVICE INSPECTION sion issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Province	
 /· /	omponents described in this Owner's Report during the period
	and state that to the best of my knowledge and belief,
•	d taken corrective measures described in this Owner's
Report in accordance with the requirement	
	ctor nor his employer makes any warranty, expressed or
•	corrective measures described in this Owner's Report.
•	employer shall be liable in any manner for any personal
injury or property damage or a loss of any l	kind arising from or connected with this inspection.
Juminimu	Commissions /// //254
Inexpeter's Clanature	Notional Board State Berlines and Endorse-
Inspector's Signature Date: Quality 14 , 20 10	National Board, State Province, and Endorsements

(Final)



DOCUMENT NO.:	4A	REV. NO.:	0
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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

		7.5 7.544						
1.	Owner _	Exelon Nuclear			Date <u>5-7-10</u>			
	4300 Winf	leid Road, War	Name renville, IL		Sheet 1		of1	
2	Plant I	Byron Nuclear	Address Bower Station		Linit 00			·
2.	Plant	Syron Nuclear	Name		Unit 02			·
	4450 N. G		Road, Byron, IL		Work Order No.		- 01 P.O. No., Job No	
		•	Address		Hepair Or	ganization,	P.U. NO., JOO NO	., etc.
3.	Work Perfo		yron Mechanica aintenance	l 	Type Code Symbo	l Stamp	Not Appi	icable
	4450 N. O.		Name		Authorization No.		Applicable	
	4450 N. G		Road, Byron, IL Address		Expiration Date	Not Ap	oplicable	
4.	Identification	•	VQ - Primary	Containm	ent Purge			
5.	(a) Applic	•			II 19 71 Edition, W	173 Adde	nda 1682	Code Case
	(b) Applic	able Edition of S	Section XI Used 1	or Repair/	Replacement Activity:	2001 E	dition/2003 A	cccc case ddenda
6		n XI Code Case						
6.	identification	on of Componer	113					
·							Corrected,	ASME Code
	Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or Installed	Stamped (Yes or No)
	omponent IALIZATION	Manufacturer	Serial No.	No.	Identification	Built		
	VALVE	JAMESBURY	NC17016-02E	N/A	2VQ5000A	1975	REMOVED	YES
	IALIZATION DEVICE	TRENTEC	EQ-2-7M021-4	N/A	CAT ID #1420998-1 UTC# 0002837371	2008	INSTALLED	YES
	=							
							 	
			·			: 		
			-					
7.	Description	of Work R	EPLACED EQUA	ALIZATION	VALVE W/ EQUALIZ	ATION E	DEVICE PER I	EC#360246
•								
8.	Test Condu	ucted: Hydro Other		neumatic		_	ssure 🗌 E	Exempt - °F

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization No. Not Applicable Certificate of Authorization No. Not Applicable Certificate of Authorization No. Not Applicable Date 7-72 , 20 10 Certificate of Finservice in Section 2. I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer 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, dampage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	. Remarks	1052501-01	
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 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer 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 Not Applicable Not Applicable Not Applicable Not Applicable Date 7-77, 20 10 Date 7-77, 20 10 Date 7-77, 20 10 Part of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property.damage or a loss of any kind arising from or connected with this inspection. Commissions Not Applicable Not Applicable Not Applicable Date 7-77, 20 10 Date 7-77, 20 10		Appl	licable Manufacturer's Data Reports to be attached
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I certify that the statements made in the report are correct and this conforms to the requirements of the ASME code, Section XI. The Code Symbol Stamp Not Applicable Partificate of Authorization No. Not Applicable Province of Owner's Designee, Title 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 Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Not Applicable Not Applicable Date 7-27, 20 10 Date 7-27, 20 10 Date 7-27, 20 10 PROVINCE INSPECTION Inspectors Date 7-27, 20 10 Date 7-27, 2		CEF	RTIFICATE OF COMPLIANCE
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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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period naccordance 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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	gried	CON COPI	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of Martford, CT have inspected the components described in this Owner's Report during the period of Martford, CT have inspected the components described in this Owner's Report to Martford and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		Owner or Own	ers Designee, Hite
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of 15/98 to 1/23/10 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements			
to 2/3/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		gned, holding a valid comm	nission issued by the National Board of Boiler and Pressure
the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	of Hartford		
Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	ing Owner he		
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements		•	·
implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•	· ·	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property, damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements		•	
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•		•
Official Commissions /// 1354 Inspector's Signature National Board, State Province, and Endorsements		•	
Inspector's Signature National Board, State Province, and Endorsements	injury or prop	erty.damage or a loss of an	·
	SUM		
	7	Inenector's Signature	National Board State Province and Endomements
Date:			National Board, State Province, and Endorsements



DOCUMENT NO.:	4A				F	REV. NO.:	0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

1.	Owner E	Exelon Nuclear			Date 5-6-10			
	4300 Winfi	ield Road, War	Name		Sheet 1		of	<u> </u>
	4500 171111		Address		Sileet		OI	
2.	Plant _	Byron Nuclear	Power Station	·	Unit <u>02</u>		·	
	4450 N. Ge	erman Church	Name Road, Byron, IL		Work Order No.	1052501	-03	
			Address	-	Repair On	ganization,	P.O. No., Job No	., etc.
3.	Work Perfo		yron Mechanical aintenance		Type Code Symbo	i Stamp	Not Appl	icable
	4450.11.0		Name		Authorization No.		Applicable	
	4450 N. Ge		Road, Byron, IL Address		Expiration Date	NOT A	pplicable	
4.	İdantifiantla	on of System	VQ - Primary	Contolomor	t Durana			
5.6.	(a) Application (b) Application (c) Section	able Construction	on Code ASME Section XI Used for e(s) NONE	Section III	19 71 Edition, Wolacement Activity:			_Code Case ddenda
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	ALIZATION VALVE	JAMESBURY	Valve Body S/N: NC-0149-03-AA	N/A	2VQ5000B	1975	REMOVED	YES
EQU	ALIZATION DEVICE	TRENTEC	EQ-2-7M021-8	N/A	CAT ID:1420998-01 UTC# 0002817047	2008	INSTALLED	YES
7.	Description	of Work R	eplaced Equalizat	tion Valve W/	Equalization Device	e per E(C# 360246	
8.	Test Condu	ucted: Hydro Other		neumatic	Nominal Opera	•	ssure 🗌 E	Exempt



9.	Remarks	1052501-03				
			Applicable Manufac	turer's Data F	Reports to be attached	
						
			CERTIFICATE OF	COMPLIA	NCE	
Coo	de, Section)	KI.	de in the report are correc		nforms to the requirements of the ASME	:
1 -	e Code Sym	· —	<u> </u>		plicable	
l		uthorization No.		Not /	Applicable 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Sigi	ned	The state of the s	poin		Date <u>7-27</u> , 20 10	
1		Cov	wner or Owner's Designee, Title			
<u> </u>						
[CERTIFICATE OF INSI	EDVICE INC	PECTION	
١,	the undere	_			I Board of Boiler and Pressure	
l		ectors and the Stat	·		and employed by HSB CT	a61 91
ì	•				is Owner's Report during the period	
	in lielno	to 2/13/				- A.
-	the Owner h	· <i></i>			of my knowledge and belief, res described in this Owner's	
		•	requirements of the ASM			
ſ	•		•	•	es any warranty, expressed or	
ł			•	, -	ribed in this Owner's Report.	
j	-	-			any manner for any personal	
1		•	loss of any kind arising f		•	
ļ '		Jerry Garriage or a	Commis		122-1254	
-	Contraction of	Inspector's Signature	 		ational Board, State Province, and Endorsements	
j .	Date: 0	ula 83	, 20 10			
Ι.	Jano. 7		_, 20 10			



DOCUMENT NO.:	4 A	REV. NO.: 0

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168			

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

1.	Owner _	Exelon Nuclea			Date <u>5-10-10</u>						
	4300 Winf	leid Road, War			Sheet1_	<u> </u>	of	<u></u>			
2.	Plant _	Byron Nuclear			Unit 02		-				
	4450 N. G		Name <mark>Road, Byron, IL</mark>	· 	Work Order No.						
_		·	Address	_	•		P.O. No., Job No				
3.	Work Perfe		yron Mechanica aintenance	·····	Type Code Symbo	·		icable 			
	Name Authorization No. Not Applicable 4450 N. German Church Road, Byron, IL Expiration Date Not Applicable										
•			Address		·						
4.		on of System	VQ - Primary								
5.	(a) Applic	able Construction of the contraction of the contrac	on Code <u>ASM</u> Section XI Used f	E Section III or Repair/R	19 71 Edition, We eplacement Activity:	73 Adde 2001 E	nda, <u>1682</u> dition/2003 A	_Code Case ddenda			
6.	(c) Section	on XI Code Case on of Componer	(s) NONE	·							
		T					1	ASME			
-	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)			
EQU	ALIZATION VALVE	JAMESBURY	NC17016-02AL	N/A	2VQ5001A	1975	REMOVED	YES			
	ALIZATION DEVICE	TRENTEC	EQ-2-7M021-5	N/A	CAT ID #1420998 UTC# 0002837372	2008	INSTALLED	YES			
	·										
						<u>-</u>					
		<u></u>				<u>.</u>	<u> </u>				
7.	Description	of Work R	EPLACED EQUA	ALIZATION '	VALVE W/ EQUALIZ	ATION [DEVICE PER I	EC# 360246			
8.	Test Cond VT-3	ucted: Hydro Other		neumatic [-	_	ssure 🗌 E	Exempt			

Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Signed 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period in the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for apprective measures described in this Inspection.					
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Pertificate of Authorization No. Not Applicable Signed 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 Illinots and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of Hartford, CT have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.					
					
		<u> </u>			
				,	
	 				
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME code, Section XI. The code Symbol Stamp Not Applicable Pertificate of Authorization No. I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Hartford, CT have inspected the components described in this Owner's Report during the period ASD ASS TO AND AND AND AND AND AND AND AND AND AND					
		CEDTIE	CATE OF COM	HANCE	
		•	••••		
-		de in the report	are correct and th	s conforms to the requirements o	Tine ASME
•					
• • •			<u>No</u>	t Applicable	
ertificate of Autl	horization No.			Not Applicable	
ianed	HUW Z	-2007	MA	Cond Date 9-27	, 20 10
	OV	mer or Owner's De	sianee. Title		
	_				
•	· · ·		•		
•					
of <u>Hartford</u>	<u>, CT</u> have insp		•	· · · · · · · · · · · · · · · · · · ·	period
10/15/08				•	
the Owner has	з performed exar	ninations and t	aken corrective m	asures described in this Owner's	
Report in acco	ordance with the	requirements o	of the ASME Code	Section XI.	
By signing this	s certificate neith	er the Inspecto	r nor his employer	makes any warranty, expressed o	or .
		•	, ,		
Furthermore,	neither the Inspe	ctor nor his em	ployer shall be lial	le in any manner for any persona	ıl
•	•			•	
Mends	ich.	· · · · · · · · · · · · · · · · · ·	Commissions	161-1854	
- your	Inspector's Signature			National Board, State Province, and E	ndorsements
	1 12				
Date:	4	_, 20 <u>10</u>	 .		



DOCUMENT NO.:	4A	REV. NO.: 0	
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		, , q						
1.	Owner _	Exelon Nuclea			Date <u>5-10</u>	-10		···
	4300 Winf	ield Road, War	Name		Sheet	1	of	1
	4300 Will		Address				OI	
2.	Plant _	Byron Nuclear	Power Station		Unit 02			
	4450 N. G	erman Church	Name Road, Byron, I	L	Work Order	No. 1052501	-05	
			Address	 -		pair Organization,		o., etc.
3.	Work Perfo		yron Mechanic Iaintenance	al	Type Code S	Symbol Stamp	Not App	icable
			Name		Authorization		Applicable	
	4450 N. G		Road, Byron, I Address	<u> </u>	Expiration D	ate Not A	pplicable	
4.	Identification	on of System	VQ - Primar	y Containmen	t Purge			
5.			on Code ASM					
		able Edition of the XI Code Case	Section XI Used	for Repair/Rep	placement Ac	tivity: 2001 E	dition/2003 A	ddenda
6.	· ,	on of Componer	` '			,		
						$\overline{}$	Corrected,	ASME Code
C	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	Year lon Built	Removed, or Installed	Stamped (Yes or No)
	ALIZATION VALVE	JAMESBURY	NC17016-02AD	N/A	2VQ500		REMOVED	YES
	ALIZATION DEVICE	TRENTEC	EQ-2-7M021-3	N/A	CAT ID #14: UTC# 00028	1 2111111	INSTALLED	YES
	· · · · · · · · · · · · · · · · · · ·				<u> </u>			
				_				
							<u> </u>	
	·							
								, [
7.	Description	of Work R	EPLACE EQUA	LIZATION VAL	VE W/ EQU	ALIZATION DE	EVICE PER E	C# 360246
	Toot Cond	untaria I tarahan	etatia 🖂 🤼	Danmette 🗇	Na	On anoti D		Tue ment [7]
8.	Test Condo VT-3	-	static 🗌 🛚 🛚 🖾 Pressui			Operating Pres Test Temp.		Exempt [] °F

9.	Remarks	1052501-05			
			Applicable Manufacturer's Da	ata Reports to be attached	
	-, -, -, -, -, -, -, -, -, -, -, -, -, -				
		•	CERTIFICATE OF COMP		
			le in the report are correct and this	s conforms to the requirements of the ASN	1E
Cod	de, Section)	KI.			
Тур	e Code Syn	nbol Stamp	Not	t Applicable	
Cer	tificate of Au	thorization No.	N	lot Applicable	
Sig	ned	Stoll	sarsito	Date 7-27, 20 10	
		Ów	ner on Owner's Designee, Title		
		_	ERTIFICATE OF INSERVICE		
l		•	_	ional Board of Boiler and Pressure	
'	•	ectors and the State		and employed by HSB CT	A Company
(of <u>Hartfor</u>		•	in this Owner's Report during the period	
_	<u> 10/18/08</u>	to	, and state that to the be	est of my knowledge and belief,	
t	he Owner h	as performed exam	ninations and taken corrective me	asures described in this Owner's	
F	Report in ac	cordance with the r	requirements of the ASME Code,	Section XI.	
E	By signing th	nis certificate neithe	er the Inspector nor his employer i	makes any warranty, expressed or	
i	mplied, con	cerning the examin	ations and corrective measures d	escribed in this Owner's Report.	
F	- urthermore	, neither the Inspec	ctor nor his employer shall be liabl	le in any manner for any personal	
i	njury or pro	perty damage or a	loss of any kind arising from or co	nnected with this inspection.	
	Marke	isln.	Commissions	16-1354	
7		Inspector's Signature		National Board, State Province, and Endorsemen	ts
[Date: Q	mg 23	, 20 10		



DOCUMENT NO.:	13.1	REV. NO.: 0	

	O	Suelen Nueles			Data	1.00.10			
1.	Owner _	Exelon Nuclear	Name		Date _4	1-30-10			
	4300 Winf	ield Road, War			Sheet			of <u>1</u>	
2.	Plant _		Address Power Station Name		Unit _0	2			· · · · · · · · · · · · · · · · · · ·
	4450 N. Ge	erman Church	Road, Byron, I	L	Work Or	der No.			
			Address	,		Repair Or	ganization,	P.O. No., Job No.,	etc.
3.	Work Perfo	ormed by S	haw/Stone & W	Vebster_	• •	•		Not Applic	able
	36400 S. E	ssex Road, W	Name Ilmington, IL 6	0481		ation No. n Date		Applicable pplicable	
•			Address						
4.	Identification	on of System	PRIMARY CO	ONTAINMENT	VENTILA	TION (VF	<u>') </u>		
5.	(a) Applic	able Construction	on Code ASME	E Sec. III Piping	19 <u>74</u> E	dition, S	75 Adde	nda, N/A	Code Case
	(a) Applica	able Construction	on Code ASME	E Sec. III Coole	r 19 74 E	dition, S	76 Adde	nda, 1695-1	
		able Edition of t n XI Code Case	Section XI Used e(s) NONE	i for Hepair/He	piacemen	t Activity	2001	Edition / 2003	Addenda
6.	• •	on of Componer	• • • • • • • • • • • • • • • • • • • •						
`	Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	1	her ication	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes or No)
HEA	D BOLT, 1/2" 4 1/2", SA449	CARRIER	HT# 18474	N/A	2VP(01AC RH-5 20 & 21	1978	Removed	NO
	w, Hex, ½" x , SA193/B7	NOVA MACHINE	HT# US Y06420	N/A	2VP0 SX-I Bolt# 2	01AC, RH-5 20 & 21 96320-1	2008	installed	NO
							· · · · · · · · · · · · · · · · · · ·		
									
7.	Description	of Work <u>IN</u>	ISTALLED NEV	V WATERBOX	HEAD BO	OLTING			
8.	Test Condu	ucted: Hydro Other		Pneumatic re	. •	nal Opera Test		sure 🗌 Ex	empt ⊠ °F



9.	Remarks	WO# 01177789-		Manufacturer's [Data Reports	s to be atta	ched	***************************************
-				· · · · · · · · · · · · · · · · · · ·				
-			···					
-								
			CERTIFIC	CATE OF COM	PLIANCE	·		
	•	ne statements mad	de in the report	are correct and th	nis conforms	to the requ	uirements o	f the ASME
	e, Section >					_		
	Code Sym	<u> </u>		N	ot Applicab			
		ithorization No.			Not Applic			
ign	ed	Sitte	mosto	PR Con	ne.	_ Date	6-22	_ , 20 <u>10</u>
	Albaalaua	_		OF INSERVICE			and Dragge	
		igned, holding a v		•				
	•	ctors and the Stat		f <u>Illinois</u> conents described		iployed by		
O	Hartford	to 6/13				-	_	penou
	Owner by	as performed exar		state that to the t				
		cordance with the					IIS OWITEI S	
	•	is certificate neith	•				evoressed (nr ·
			•		-	-	•	<i>3</i> 1
	nnlied cond	iornina the examii	nations and corr				r'e Renort	
in	•	cerning the examin					•	d.
in F	urthermore	, neither the Inspe	ector nor his emp	ployer shall be lia	ble in any m	anner for a	ıny persona	ıl
in F	urthermore	neither the Insperiently damage or a	ector nor his emp	ployer shall be lia d arising from or o	ble in any m	anner for a	ıny persona	ıl
in F	urthermore	neither the Insperiently damage or a	ector nor his emp loss of any kind	ployer shall be lia	ble in any m connected w	anner for a ith this insp	ıny persona	

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DOCUMENT NO.: 13.1	REV. NO.: 0
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		As noq	and by the i	1011310113 01	1110 74						
1.	Owner _I	Exelon Nuclea			Date	5-1-10			 		
	4300 Winf	ield Road, War	Name renville, IL Address		Sheet	1		of <u>1</u>			
2.	Plant _	Byron Nuclear	Power Station		Unit _	02			. —		
	4450 N. G	erman Church	Name Road. Byron. I	L	Work (Order No.	0117778	9 - 01			
			Address	-				P.O. No., Job No., e	itc.		
3.	Work Perfo	ormed by S	haw/Stone & V	/ebster_	•••	ode Symbo	ol Stamp	Not Applica	able		
	28400 S E	ssex Road, W	Name	0491		ization No. tion Date		Applicable oplicable			
	<u> </u>		Address		LAPITAL	ion Date	1101 7	рисарів			
4.	Identification	on of System	PRIMARY CO	ONTAINMENT	VENTIL	ATION (VE	?)				
5.	5. (a) Applicable Construction Code ASME Sec. III Piping 19 74 Edition, S75 Addenda, N/A Code Case (a) Applicable Construction Code ASME Sec. III Cooler 19 74 Edition, S76 Addenda, 1695-1 Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda (c) Section XI Code Case(s) NONE										
6.	Identification	on of Componer	nts		-						
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.		Other htification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
HEA	D BOLT, ½" ½", SA449	CARRIER	Cooler S/N# 7865406-2	N/A	2V SX	P01AB, (-LH-5, loit# 7	1978	Removed	NO		
	w, Hex, ½" x ', SA193/B7	NOVA MACHINE	HT# US YO6420	N/A	SX B	P01AB, (-LH-5, loit# 7 D# 46596-1	2010	Installed	NO		
								·			
								<u> </u>	L		
7.	Description LEFT BAN		ISTALLED NEV	V COOLER HE	AD BOI	LT					
8.			static [Pneumatic 🖂	Non	ninal Oners	ting Pres	sure 🕅 Eve	empt 🗇		
J.	, 55, 56,100	· .	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt C Other Pressure 100 psi Test Temp. 68 °F								

). Remarks WO# 01177789-01	
Applicat	ole Manufacturer's Data Reports to be attached
Bolt acceptable per Technical Evaluation 9	37-014
•	
CERTIF	FICATE OF COMPLIANCE
I certify that the statements made in the repo	rt are correct and this conforms to the requirements of the ASME
ode, Section XI.	
rpe Code Symbol Stamp	Not Applicable
ortificate of Authorization No.	Not Applicable
aned Sunt topos	Date 7-22 , 20 10
Owner'or Owner's I	
	TE OF INSERVICE INSPECTION on issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT
	mponents described in this Owner's Report during the period
	nd state that to the best of my knowledge and belief,
	taken corrective measures described in this Owner's
Report in accordance with the requirements	·
	tor nor his employer makes any warranty, expressed or
implied, concerning the examinations and co	orrective measures described in this Owner's Report.
Furthermore, neither the Inspector nor his en	mployer shall be liable in any manner for any personal
injury or property damage or a loss of any ki	ind arising from or connected with this inspection.
Modelle	Commissions //L - /254
Inspector's Signature	National Board, State Province, and Endorsements
Date: Oula 23 , 20 10	



DOCUMENT NO.:	13.1	REV. NO.: 0	
		 	_

1.	Owner Exelon Nuclear				Date 5-1-10					
	4300 Winfi	ield Road, War	Name renville, IL		Sheet 1		of 1			
_	Address Plant Byron Nuclear Power Station					···	<u></u>			
2.	Plant <u>E</u>	Syron Nuclear	Power Station Name		Unit 02	<u></u>				
	4450 N. German Church Road, Byron, IL				Work Order No. 01177789-15					
		•	Address		Repair Organization, P.O. No., Job No., etc.					
3.	Work Perfo	rmed by S	haw/Stone & W	/ebster	Type Code Symbo	•	Not Applic	able		
	36400 S. E	ssex Road, W	Name ilmington, IL 6	0481	Authorization No. Expiration Date		Applicable plicable			
•			Address		•					
4.	Identification	n of System	PRIMARY CO	ONTAINMENT	VENTILATION (VE	")				
5.6.	(a) Applicable Construction Code ASME Sec. III Cooler 19 74 Edition, S76 Addenda, 1695-1 Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda (c) Section XI Code Case(s) NONE									
-	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
HEA	D BOLT, ½" ½", SA449	CARRIER	Cooler S/N# 7865406-1	N/A	2VP01AB, SX-RH-5 Bolt# 7, 10, 24, 25, 48, 53 , 54, 63	1978	Removed	NO		
	w, Hex, ½" x , SA193/B7	NOVA MACHINE	HT# US YO6420	N/A	2VP01AB, SX-RH-5 Bolt# 7, 10, 24, 25, 48, 53 , 54, 63 CID# 46596-1	2010	Installed	NO		
					·					
7.	Description RIGHT BAI		ISTALLED NEV	V COOLER HE	AD BOLTING					
8.	Test Condu		-	Pneumatic re 100	Nominal Opera	ting Pres Temp.		empt		



9. Remarks WO# 01177789-15 Applicable	Manufacturer's Data Reports to be attached
Bolt acceptable per Technical Evaluation 97	
	CATE OF COMPLIANCE
,	are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed Signed	RIC Crowd, Date 7-77, 20 10
Owner's De	signee, Title
	·
CEDTIFICATE	OF INCEDUICE INCOECTION
	OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission	n issued by the National Board of Boiler and Pressure
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province o	n issued by the National Board of Boiler and Pressure of and employed by HSB CT
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province o of Hartford, CT have inspected the comp	n issued by the National Board of Boiler and Pressure of and employed by HSB CT conents described in this Owner's Report during the period
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute of to 2/13/10, and	issued by the National Board of Boiler and Pressure Illinois and employed by HSB CT Donents described in this Owner's Report during the period state that to the best of my knowledge and belief,
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute to 7/3/10, and the Owner has performed examinations and tax	issued by the National Board of Boiler and Pressure if and employed by HSB CT conents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute to 1/23/10, and the Owner has performed examinations and to Report in accordance with the requirements of	issued by the National Board of Boiler and Pressure of and employed by HSB CT ponents described in this Owner's Report during the period a state that to the best of my knowledge and belief, aken corrective measures described in this Owner's fithe ASME Code, Section XI.
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute to 7/3/10, and the Owner has performed examinations and talked Report in accordance with the requirements of By signing this certificate neither the Inspector	issued by the National Board of Boiler and Pressure Illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's fithe ASME Code, Section XI. In nor his employer makes any warranty, expressed or
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute to 7/3/10, and the Owner has performed examinations and tale Report in accordance with the requirements of By signing this certificate neither the Inspector implied, concerning the examinations and contents of the state of	issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's of the ASME Code, Section XI. In nor his employer makes any warranty, expressed or rective measures described in this Owner's Report.
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute of 10 1/3/10, and the Owner has performed examinations and talked Report in accordance with the requirements of By signing this certificate neither the Inspector implied, concerning the examinations and confusion for the Inspector of the Inspecto	in issued by the National Board of Boiler and Pressure Illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's If the ASME Code, Section XI. If nor his employer makes any warranty, expressed or rective measures described in this Owner's Report. ployer shall be liable in any manner for any personal
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute of to 7/3/10, and the Owner has performed examinations and talked Report in accordance with the requirements of By signing this certificate neither the Inspector implied, concerning the examinations and confusion for the Inspector of the Inspecto	issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's of the ASME Code, Section XI. If nor his employer makes any warranty, expressed or rective measures described in this Owner's Report. In ployer shall be liable in any manner for any personal dearising from or connected with this inspection.
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute to 7/3/10, and the Owner has performed examinations and ta Report in accordance with the requirements or By signing this certificate neither the Inspector implied, concerning the examinations and confurthermore, neither the Inspector nor his eminjury or property damage or a loss of any kind	issued by the National Board of Boiler and Pressure of illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's of the ASME Code, Section XI. In nor his employer makes any warranty, expressed or rective measures described in this Owner's Report. ployer shall be liable in any manner for any personal darising from or connected with this inspection. Commissions
I, the undersigned, holding a valid commission Vessel Inspectors and the State or Province of Hartford, CT have inspected the compute of to 7/3/10, and the Owner has performed examinations and talked Report in accordance with the requirements of By signing this certificate neither the Inspector implied, concerning the examinations and confusion for the Inspector of the Inspecto	issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT ponents described in this Owner's Report during the period state that to the best of my knowledge and belief, aken corrective measures described in this Owner's of the ASME Code, Section XI. If nor his employer makes any warranty, expressed or rective measures described in this Owner's Report. In ployer shall be liable in any manner for any personal dearising from or connected with this inspection.



DOCUMENT NO.:	7.2		RE	EV. NO.: 0

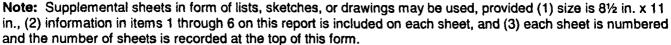
1.	Owner _	Exelon Nuclea			Date <u>4/30/10</u>				
	4200 Wind	ield Road, Wa	Name		Chart	4	of 1		
	4300 WINI		Address		Sheet		of <u>1</u>		
2.	Plant _	· ·	Power Station	·	Unit 02				
			Name			044		,	
	4450 N. German Church Road, Byron, IL Address				Work Order No. 01177830-01 Repair Organization, P.O. No., Job No., etc.				
					•				
3.	Work Perfe	ormed by <u>S</u>	haw/Stone & V	<u>/ebster</u>	Type Code Sym			able	
	36400 S. F	Feeny Road, W	Name ilmington, IL 6	0481	Authorization Ne Expiration Date		Applicable pilicable		
			Address		Expiration bato		<u> </u>		
4.	Identification	on of System	WO (CHILLE	D WATER)					
5.	(a) Applic	able Constructi	on Code ASI	ME Section III	19 74 Edition,	S76 Adde	nda. N/A	Code Case	
	(b) Applic	able Edition of	Section XI Used		placement Activit				
•	• •	n XI Code Cas	` '	·					
6.	Identification	on of Compone	nts						
							Corrected.	ASME Code	
	Name of	None of	Name of the state of	National	04.55	Vasa	Removed, or	Stamped	
C	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)	
	STUD	Anderson Greenwood	MK#: HG-2	N/A	2WO007B	1979	REMOVED	NO	
	STUD	Nova	Ht# 250832	N/A	2WO007B CAT ID # 37096-	1 3106	INSTALLED	NO	
	NUT	Anderson Greenwood	MK#: HG-1	N/A	2WO007B	1979	REMOVED	NO	
	NUT	Nova	Ht# 251919 ~	N/A	2WO007B CAT ID # 37033-	1 2008	INSTALLED	NO	
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						+			
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7.	Description	of Work <u>IN</u>	ISTALLED STU	IDS AND NUTS	S				
8.	Test Condu	ucted: Hydro	static 🔲	Pneumatic 🔲	Nominal Ope	erating Pres	sure 🔲 Ex	empt 🔀	
		Other		_	•	st Temp.		°F	
		201						•	

9. Remarks W.O. 01177830-01	•
Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Signed 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 Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province, and Endorsements Date: Particular State Province Province Province	
CERTIFICA	TE OF COMPLIANCE
•	, consecuted this complime to the requirements of the right
	Not Applicable
Doublifonds of Authoritation No.	Not Applicable
	nee. Title
	•
I, the undersigned, holding a valid commission is: Vessel Inspectors and the State or Province of of Hartford, CT have inspected the components.	sued by the National Board of Boiler and Pressure Illinois and employed by HSB CT Hents described in this Owner's Report during the period
	
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•	• • • • • • • • • • • • • • • • • • • •
• •	National Board, State Province, and Endorsements
Date:	



DOCUMENT NO.:	6 A		REV. NO.: 0	

1.	Owner _	Exelon Nuclea			Date 04/26/10	·				
	4300 Winf	ield Road, War	Name renville, iL		Sheet1		of	1		
2.	Plant	Byron Nuclear	Address Power Station		Unit 02					
۷.	_		Name		4.2.2					
	4450 N. G	erman Church	Road, Byron, I Address	<u> L</u>	Work Order No. Repair Or		5-01 P.O. No., Job No	., etc.		
3.	Work Perfe	•	yron Mechanic aintenance	cal	Type Code Symbo	l Stamp	Not Appl	icable		
	4450 N O	 	Name:		Authorization No.		Applicable			
	4450 N. G	erman Church	Address	L	Expiration Date	NOT A	oplicable			
4.	Identification	on of System	CV CHEMIC	AL AND VOLU	ME CONTROL					
5.6.	(a) Applicable Construction Code <u>ASME Section III</u> 19 71 Edition, <u>W72</u> Addenda, <u>N/A</u> Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001 Edition/2003 Addenda</u> (c) Section XI Code Case(s) <u>N/A</u>									
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
VA	LVE SEAL WELD	KEROTEST	ADF6-14	9854 THRU 9857	2CV8480A	1976	Corrected	NO		
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	· · · · · · · · · · · · · · · · · · ·									
										
										
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	· · · · · · · · · · · · · · · · · · ·		! 			· · · · · · · · · · · · · · · · · · ·				
7.	Description	of Work R	e-installed seal	weld between	cover and body					
8.	Test Cond	ucted: Hydro		Pneumatic re	Nominal Opera	•	sure 🗌 E	Exempt 🖾		



. Remarks WO# 01177875-01	
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME code, Section XI. I spe Code Symbol Stamp Not Applicable I certify that the statements made in the report are correct and this conforms to the requirements of the ASME code, Section XI. I spe Code Symbol Stamp Not Applicable I certificate of Authorization No. Not Applicable I comer or Owner's Designee, Title 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period I to I supply and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	
Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME rode, Section XI. Pe Code Symbol Stamp Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Date 5-2-1/2, 20 10 Owner or Owner's Designee, Title 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 Illinols and employed by HSB CT of Harviord, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Lile 1-135-4	
CE	RTIFICATE OF COMPLIANCE
I certify that the statements made in the	report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
pe Code Symbol Stamp	Not Applicable
rtificate of Authorization No.	Not Applicable
aned land a helpe, RRR	COORDINATOR Date 5-24, 20 10
Owner or Ow	mer's Designee. Title
CERTIFI	ICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid comm	mission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Prov	vince ofIllinois and employed byHSB CT
of Hartford, CT have inspected the	e components described in this Owner's Report during the period
5609 to 564/10	_ , and state that to the best of my knowledge and belief,
the Owner has performed examinations	s and taken corrective measures described in this Owner's
By signing this certificate neither the Ins	spector nor his employer makes any warranty, expressed or
implied, concerning the examinations a	and corrective measures described in this Owner's Report.
Furthermore, neither the Inspector nor I	his employer shall be liable in any manner for any personal
injury or property damage or a loss of a	any kind arising from or connected with this inspection.
Orindiale	
	•
Date: 7/4 . 20 .09	
	a decla



DOCUMENT NO .	2.2		00	/ NO - 0
DOCUMENT NO.:	3.2		RE	/. NO.: 0

		As Requ	uired by the Pro	ovisions	of the ASME Co	de Sect	ion XI		
1.	Owner _	Exelon Nuclear			Date 04/14/10				
	4300 Winf	ield Road, Warre	ame nville, IL dress		Sheet 1		of <u>1</u>		
2.	Plant _I	Byron Nuclear Po	wer Station		Unit 02				
	4450 N. G	erman Church Ro	oad, Byron, IL		Work Order No.				
		Add	dress		Repair Or	ganization,	P.O. No., Job No.,	etc.	
3.	Work Perfo	· · · · · · · · · · · · · · · · · · ·	w/Stone & Websi Name	ter	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable				
	36400 S. E	ssex Road, Wilm	ington, IL 60481		Expiration Date		oplicable		
		Ade	dress						
4.	Identification	on of System	SI			· · · · · ·			
5.6.	(b) Applic (c) Sectio		ction XI Used for F NONE		19 71 Edition, Wolacement Activity			Code Case Addenda	
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes or No)	
VALV	E, RELIEF	CROSBY VALVE & GAGE	N56902-00-0015	N/A	2SI8856A	1976	Removed	YES	
VALV	E, RELIEF	CROSBY VALVE & GAGE	N56902-00-0016	N/A	2SI8856A CAT ID 27740-1	1973	Installed	YES	
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<u> </u>									
	<u>-</u>								
								 	
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	i							<u> </u>	
7.	Description	of Work REP	LACE RELIEF VA	LE 2S188	56A PER PM PRO	GRAM			
8.	Test Condu			matic [Nominal Opera	-		empt 🔲	
		Other [Pressure	181	psi Test	Temp	86	°F	

, Hemans <u>01177003-01702</u>	Applicable Manufacturer's Data Rep	ports to be attached
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME code, Section XI. I code Symbol Stamp Not Applicable Sertificate of Authorization No. Indicated Authorizat		
	CERTIFICATE OF COMPLIANC	<u> </u>
I certify that the statements made	in the report are correct and this confo	ms to the requirements of the ASM
·		
pe Code Symbol Stamp	Not Applic	cable
	7.7	
gned Wavid W. Nuble	, KKR COORDINATOR	Date <u>5-27</u> , 20 10
O <u>wn</u> e	er or Owner's Designee, Title	
<u> </u>		
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ni maninin (i nave nsne		
7-1-1	•	, ,
6/30/04 to 6/1/10	, and state that to the best of m	y knowledge and belief,
the Owner has performed exami	, and state that to the best of mations and taken corrective measures	y knowledge and belief, described in this Owner's
the Owner has performed examine Report in accordance with the re	, and state that to the best of m nations and taken corrective measures equirements of the ASME Code, Section	ly knowledge and belief, described in this Owner's a XI.
the Owner has performed examine Report in accordance with the resulting By signing this certificate neither	, and state that to the best of minations and taken corrective measures equirements of the ASME Code, Section the Inspector nor his employer makes	y knowledge and belief, described in this Owner's XI. any warranty, expressed or
the Owner has performed examine Report in accordance with the real By signing this certificate neither implied, concerning the examination	, and state that to the best of mations and taken corrective measures equirements of the ASME Code, Section the Inspector nor his employer makes attions and corrective measures describe	y knowledge and belief, described in this Owner's XI. any warranty, expressed or d in this Owner's Report.
the Owner has performed examinate Report in accordance with the resulting the signing this certificate neither implied, concerning the examinate Furthermore, neither the Inspect	, and state that to the best of mations and taken corrective measures equirements of the ASME Code, Section the Inspector nor his employer makes ations and corrective measures describe for nor his employer shall be liable in an	y knowledge and belief, described in this Owner's XI. any warranty, expressed or d in this Owner's Report. y manner for any personal
the Owner has performed examinate Report in accordance with the resulting By signing this certificate neither implied, concerning the examinate Furthermore, neither the Inspect	, and state that to the best of mations and taken corrective measures equirements of the ASME Code, Section the Inspector nor his employer makes attions and corrective measures describe for nor his employer shall be liable in an easy of any kind arising from or connected	y knowledge and belief, described in this Owner's XI. any warranty, expressed or d in this Owner's Report. y manner for any personal
the Owner has performed examinate Report in accordance with the resulting the signing this certificate neither implied, concerning the examinate Furthermore, neither the Inspect	, and state that to the best of mations and taken corrective measures equirements of the ASME Code, Section the Inspector nor his employer makes ations and corrective measures describe for nor his employer shall be liable in an ass of any kind arising from or connected Commissions	y knowledge and belief, described in this Owner's XI. any warranty, expressed or d in this Owner's Report. y manner for any personal

DOCUMENT NO.:	3.2		REV. NO.:	0

		•	•					
1.	Owner _	Exelon Nuclear			Date <u>4-25-10</u>			
	4300 Winf	Na ield Road, Warre i	ame aville il		Sheet 1		of 1	
,	7000 171111		iress					
2.	Plant _!	Byron Nuclear Po			Unit 02			
•	4450 N. C.		ame		Work Order No.	04470704	04/00	
,	4450 N. G	erman Church Ro	au, Byron, IL dress		Work Order No. Repair On		P.O. No., Job No., (etc.
_					·			
3.	Work Perfo		w/Stone & Websi Name	ter_	Type Code Symbo Authorization No.		<u>Not Applic</u> Applicable	able .
	36400 S. E	ssex Road, Wilm					plicable	
			iress					
4.	Identification	on of System	CV - CHEMICAL	VOLUME	CONTROL			
_			'''			(20 Adde		0-4-0
5.					_19 <u>71</u> Edition, <u>W</u> placement Activity			Code Case
		n XI Code Case(s		·opaii/i ·o	Sigoomonic Activity		Lulion, Loo	Addonda
6.	Identification	on of Components						
	Name of	Name of	Manufacturer	National Board	Other	Year	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
C	omponent	Manufacturer	Serial No.	No.	Identification	Built		<u> </u>
VALV	E, RELIEF	CROSBY VALVE & GAGE	N56900-00-0075	N/A	2CV8121	1998	Removed	YES
VALV	E, RELIEF	CROSBY VALVE & GAGE	N56900-00-0018	NA	2CV8121 CAT ID 13997-1	1977	Installed	YES
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				L		L		
7.	Description	of Work REP	LACED RELIEF \	/ALVE 2C	V8121 PER PM PI	ROGRAM	<u>į</u>	
•								
8.	Test Condi	ucted: Hydrosta Other		matic 49	Nominal Opera psi Test	iting Pres Temp		empt □ °F

Applicable Manufacturer's Data Reports to be attached Valve pre-tested / evaluated on WO# 1178701-02 Certify that the statements made in the report are correct and this conforms to the requirements of the ASI Code, Section XI. Type Code Symbol Stamp Not Applicable	9. Remarks <u>0117870</u>	1-01/02
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASI Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Certificate of Authorization No. Not Applicable 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 Illinois and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LLL-LS-4	Valve pre-tested / e	
I certify that the statements made in the report are correct and this conforms to the requirements of the ASI code, Section XI. Type Code Symbol Stamp Not Applicable Pertificate of Authorization No. I signed 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 Hartford, CT have inspected the components described in this Owner's Report during the period and an an an an an an an an an an an attachment of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL-/L54	valve pre-tested / e	raidated on WOW 1170701-02
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period in accordance with the requirements of the ASME Code, Section XI. By signing this certificate 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 LL - /15-4		
I certify that the statements made in the report are correct and this conforms to the requirements of the ASI ode, Section XI. When the statements made in the report are correct and this conforms to the requirements of the ASI ode, Section XI. When the statements made in the report are correct and this conforms to the requirements of the ASI ode, Section XI. I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 16		
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	•	
I certify that the statements made in the report are correct and this conforms to the requirements of the ASI ode, Section XI. //Pe Code Symbol Stamp Not Applicable		
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injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions /// -//354	•	·
Okalisa Commissions ///-/254	Furthermore, neither th	ne Inspector nor his employer shall be liable in any manner for any personal
	injury or property dama	age or a loss of any kind arising from or connected with this inspection.
Innerstade Olerature Abattand Board Otal Marketine	MANIELA	Commissions
Inspector's Signature National Board, State Province, and Endorsement	Inspector's	Signature National Board, State Province, and Endorsements
Date: Qual 29 , 20 10	Date:	19 . 20 10



DOCUMENT NO.:	3.2	 REV. NO.: 0
DOGULLITI ITO::		 1127711011 0

-0	Chester.	_
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(25)	30,87	

1.	Owner _	Exelon Nuclear			Date <u>4-27-10</u>	· 		
	4300 Winf	ield Road, Warre		·	Sheet1		of <u>1</u>	
2.	Plant _	Byron Nuclear Po			Unit 01			
	4450 N. G	erman Church R	ame o ad, Byron, IL idress		Work Order No. Repair Or		5-01/02 P.O. No., Job No., e	tc.
3.	Work Perfo	ssex Road, Wiln	w/Stone & Webs Name nington, iL 60481		Type Code Symbo Authorization No. Expiration Date	Not	Not Applica Applicable oplicable	able
4.	Identification	on of System	CC (COMPONEN	T COOL	ING)			<u> </u>
5.6.	(b) Applic (c) Section	able Construction able Edition of Se in XI Code Case(s on of Components	ction XI Used for I NONE	ection III Repair/Re	19 71 Edition, Seplacement Activity	/72 Adde 2001	nda, Edition / 2003	Code Case Addenda
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	IEF VALVE CC9427	CROSBY VALVE & GAGE CO.	N56895-00-0009	N/A	2CC9427	1975	Removed	YES
	IEF VALVE CC9427	CROSBY VALVE & GAGE CO	N56895-00-0004	N/A	2CC9427 CAT ID 1442884-1	1973	Installed	YES
								·
7.	Description	of Work REF	PLACE RELIEF V	ALVE 2C	C9427	-		
8.	Test Condi	ucted: Hydrost		matic [•	•	sure 🛛 Exe	empt □ °F



9.	Remarks	WO 01178705-01/0	02	
		>	Applicable Manufacturer's	Data Reports to be attached
				
			·	
_			CERTIFICATE OF COM	IPLIANCE
ı	certify that t	he statements made	in the report are correct and	this conforms to the requirements of the ASME
	de, Section 2		•	·
VI.	oe Code Syn	nbol Stamp	N	lot Applicable
•	-	uthorization No.		Not Applicable
	ned (1)	and Calify.	RRR COORDINATO	
9		Owne	or Owner's Designee, Title	
			•	
		CE	RTIFICATE OF INSERVIC	E INSPECTION
	I, the unders	igned, holding a valid	d commission issued by the N	lational Board of Boiler and Pressure
,	Vessel Inspe	ectors and the State of	or Province of Illinois	and employed by HSB CT
•	of Hartfor	d, CT have inspec	ted the components describe	ed in this Owner's Report during the period
	12/11/06	to 6/49/1	, and state that to the	best of my knowledge and belief,
1	the Owner h	as performed examir		neasures described in this Owner's
		•	quirements of the ASME Cod	
	•			er makes any warranty, expressed or
			• • • • • • • • • • • • • • • • • • • •	s described in this Owner's Report.
	•	<u> </u>		able in any manner for any personal
		•	• •	connected with this inspection.
	Ores	uch	Commissions	
٠,	The state of the s	Inspector's Signature	,	National Board, State Province, and Endorsements
	Date:	me da	20 /	
			LV ///	•



DOCUMENT NO.	6 A	REV. NO.: 0



1.	Owner _I	Exelon Nuclea			Date <u>4-29-1</u>	0		·
	4300 Winf	leid Road, War			Sheet	1	of	1
2.	Plant _I		Address Power Station		Unit <u>02</u>			· -
	4450 N. G	erman Church	Name Road, Byron, i	L	Work Order N	io. 0117873	4-01	
		,	Address		Repa	ir Organization,	P.O. No., Job No	., etc.
3.	Work Perfo		yron Mechanio laintenance	al	Type Code Sy	mbol Stamp	Not Appi	icabie
	4450 N G	 rman Church	Name Road, Byron, I		Authorization in Expiration Date		Applicable pplicable	
	4450 N. GI		Address	<u>La</u>	expiration Date	a NOLA	pplicable	
4.	Identification	on of System	CV CHEMIC	AL AND VOLU	IME CONTROL			
5.			on Code ASI					_Code Case
		able Edition of t n XI Code Case	Section XI Used e(s) N/A	i for Hepair/He	placement Activ	/ity: 2001 E	dition/2003 A	ddenda
6.	Identification	on of Componer	nts					
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VAI	LVE SEAL WELD	KEROTEST	N01-21	9536	2CV8368C	1976	REMOVED	NO
	LVE SEAL WELD	KEROTEST	N01-21	9536	2CV8368C	1976	INSTALLED	NO
	· · · · · · · · · · · · · · · · · · ·							
							 	
7.	Description	of Work R	EMOVE / REW	ELD VALVE S	EAL WELD (CC	VER TO BO	DDY)	
8.	Test Condu	ucted: Hydro Other	_	Pneumatic []	•	perating Pres		Exempt



9. Remarks WO# 01178734-01	
J. Homano Tronottrofotor	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made in	the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed	Emosto Re Cond Date 5-25, 20 10
Owner	or Owner's Designee, Title
	TIFICATE OF INSERVICE INSPECTION
	commission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or	
Ala la classica	ed the components described in this Owner's Report during the period
4/30/04 to 5/20/11	, and state that to the best of my knowledge and belief,
•	tions and taken corrective measures described in this Owner's
•	irements of the ASME Code, Section XI.
	e Inspector nor his employer makes any warranty, expressed or
•	ns and corrective measures described in this Owner's Report.
•	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.
- Chimalilla	Commissions 122-1259
Inspector's Signature	National Board, State Province, and Endorsements
Date: ///// 30 , 20	0 10



DOCUMENT NO.:	4.2			REV. NO.:	0



1.	Owner _	Exelon Nuclear			Date 4/24/10			
	4300 Winf	Na ield Road, Warre r	ıme ı ville, IL		Sheet 1		of 1	
_		Add	Iress		-		· · · · · · · · · · · · · · · · · · ·	
2.	Plant	Byron Nuclear Po Na	wer Station		Unit 01			
	4450 N. G	erman Church Ro		<u>-</u>	Work Order No.			
		Add	iress		Hepair Or	ganization,	P.O. No., Job No., e	etc.
3.	Work Perfe	-	v/Stone & Webs	ter	Type Code Symbo	•		able
	36400 S. E	n Essex Road, Wilm	lame Ington. IL 60481		Authorization No. Expiration Date		Applicable oplicable	
			lress					
4.	Identification	on of System F	RY - REACTOR	COOLAN	т			
5.	(a) Applic	able Construction (Code ASMES	ection III	19	772 Adde	nda 1501 & 164	9 Code Case
J.	(b) Applic	able Edition of Sec	tion XI Used for F	Repair/Re	placement Activity	2001	Edition / 2003	Addenda
6	` '	n XI Code Case(s) on of Components	NONE	· 				
6. ——		on of Components	·				·	-
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	E, RELIEF	CROSBY VALVE	N56964-00-0111	N/A	2RY8010C	1993	REMOVED	YES
VALV	E, RELIEF	CROSBY VALVE	N56964-00-0049	N/A	1RY8010C Cat ID 1402762-1	1976	INSTALLED	YES
				-	<u> </u>			
	 							
						·		
		}	Į	·				
								
			<u> </u>					
7.	Description	of Work REPL	ACED RELIEF \	ALVE P	ER PM PROGRAM			
8.	Test Condi	ucted: Hydrostat	tic Pneu	matic [Nominal Opera	ting Pres	sure 🛛 Exe	empt 🗌
		Other [Pressure	222	9 psi Test	Temp	651	٥F



CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Illinois and employed by of Hartford, CT have inspected the components described in this Owner's Report of An accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, of implied, concerning the examinations and corrective measures described in this Owner Furthermore, neither the Inspector nor his employer shall be liable in any manner for a injury or property damage or a loss of any kind arising from or connected with this inspector.	requirements of the ASM	rtify that the statements made in the report Section XI. Code Symbol Stamp cate of Authorization No.
I certify that the statements made in the report are correct and this conforms to the required ode, Section XI. The Code Symbol Stamp Pertificate of Authorization No. In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Hartford, CT Thave inspected the components described in this Owner's Report of a components of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, or implied, concerning the examinations and corrective measures described in this Owner Furthermore, neither the Inspector nor his employer shall be liable in any manner for a injury or property damage or a loss of any kind arising from or connected with this inspector property damage or a loss of any kind arising from or connected with this inspector.		rtify that the statements made in the report Section XI. Code Symbol Stamp cate of Authorization No.
I certify that the statements made in the report are correct and this conforms to the required pode, Section XI. Type Code Symbol Stamp Pertificate of Authorization No. Type Code Symbol Stamp Provided Provi		rtify that the statements made in the report Section XI. Code Symbol Stamp cate of Authorization No.
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Pre Code Symbol Stamp Antificate of Authorization No. In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Illinois In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Illinois In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Illinois In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and the State or Province of Illinois In the undersigned, holding a valid commission issued by the National Board of Boiler at Vessel Inspectors and employed by of Hartford, CT have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, implied, concerning the examinations and corrective measures described in this Owner Furthermore, neither the Inspector nor his employer shall be liable in any manner for a injury or property damage or a loss of any kind arising from or connected with this inspector nor property damage or a loss of any kind arising from or connected with this inspector in the province of the ASME Code, Section XI.	Date <u>6 -18</u> , 20 <u>10</u>	Code Symbol Stamp cate of Authorization No.
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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, eimplied, concerning the examinations and corrective measures described in this Owne Furthermore, neither the Inspector nor his employer shall be liable in any manner for a injury or property damage or a loss of any kind arising from or connected with this inspector.	- ·	
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Furthermore, neither the Inspector nor his employer shall be liable in any manner for a injury or property damage or a loss of any kind arising from or connected with this insp	•	
injury or property damage or a loss of any kind arising from or connected with this insp	•	•
	• •	•
Commissions III INEII	inspection.	iry or property damage or a loss of any kir
Commissions /// -//54	<u>y</u>	Mendellen
Inspector's Signature National Board, State Pr	tate Province, and Endorsements	Inspector's Signature



DOCUMENT NO.:	2-1	REV. NO.: 0



1.	Owner _!	Exeion Nuclear		·	Date <u>5-4-10</u>			
	4300 Winf	ield Road, War			Sheet 1		of	1
2.	Plant _	Byron Nuclear		· ·	Unit 2			·
	4450 N. G	erman Church	Name Road, Byron, I	L	Work Order No.	0118052	7-02	
	1100111		Address	·			P.O. No., Job	No., etc.
3.	Work Perfe	•	yron Mechanic aintenance	ai	Type Code Symbo	ol Stamp	Not Appl	icable
			Name	•	Authorization No.		Applicable	
	4450 N. G	erman Church	R oad, Byron, I Address	<u>L</u>	Expiration Date	Not A	pplicable	
4.	Identification	on of System	RC-Reactor	Coolant				
5.					19 <u>_74</u> Edition, <u>S</u>			_Code Case
		able Edition of and XI Code Case		for Repair/Re	placement Activity:	2001 E	dition/2003 A	ddenda
6.	* * * * * * * * * * * * * * * * * * * *	on of Compone	` '					
		<u> </u>				<u></u>	Corrected.	ASME Code
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Removed, or Installed	Stamped (Yes or No)
(Qty	Studs 7. 2)3/4"-10, 193 Gr. B16	Bethlehem Steel Corp.	Heat Code: LIFU	N/A	MJ-77 on 2RC23AB-3/4" Original Const.	1981	Removed	No
(Qty	Studs v. 2)3/4"-10, 193 Gr. B7	Com Ed	UTC Nbr: 0002039994 Ht. Code: 36373029	N/A	MJ-77 WO 990070543-01 under DCP to install support 2RC02009G	1999	Removed	No
	Studs . 4) 3/4"-10, 193 Gr. B7	Nova Machine Prod.	HT #3001306 Trace Code 3T22	N/A	MJ-77 on 2RC23AB-3/4" Cat id# 37094-1	2009	Installed	No
(Qty	Nuts . 2) 3/4"-10, 194 Gr. 4	Bethlehem Steel Corp.	Heat Code: LICJ	N/A	MJ-77 on 2RC23AB-3/4" Original Const.	1981	Removed	No
	Nuts . 2) 3/4"-10, 194 Gr. 2H	Com Ed	UTC Nbr: 000204623 Ht. Code: JNC	N/A	MJ-77 WO 990070543-01 under DCP to install support 2RC02009G	1999	Removed	No
	Nuts . 4) 3/4"-10, 194 Gr. 2H	Nova Machine Prod.	HT# 241436	N/A	MJ-77 on 2RC23AB-3/4" Cat id# 1394886-1	2008	Installed	No
7.	Description	n of Work R	eplaced worn fla	ange bolting.				
8.	Test Cond	ucted: Hydro	static [Pneumatic [Nominal Opera	ting Pres	ssure 🗌 E	Exempt 🖾
	VT-1	Other	Pressu	re	psi Test	Temp.	· · · · · · · · · · · · · · · · · · ·	_ °F
Note:	Sunnlamo	ntal chapte in fo	rm of liete ekat	chae or drowin	nge may be used in	rouided ((1) ciza ia 014 i	n v 11



9. Remarks <u>WO# 01180</u>	0527-02 Applicable Manufacturer's Data Reports to be attached
	, ipplicable indicated a data reported to the attacked
	CERTIFICATE OF COMPLIANCE
I certify that the statements	s made in the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization N	o. Not Applicable
igned Sunt	town Re Cons. Date 7-1, 20 10
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
L the undersigned heldin	CERTIFICATE OF INSERVICE INSPECTION
· · · · · · · · · · · · · · · · · · ·	g a valid commission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT
Vessel Inspectors and the	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT inspected the components described in this Owner's Report during the period
Vessel Inspectors and the of Hartford, CT have	g a valid commission issued by the National Board of Boiler and Pressure State or Province of <u>Illinois</u> and employed by <u>HSB CT</u> inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
Vessel Inspectors and the of Hartford, CT have 4/4/10 to 7/10 the Owner has performed	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's
Vessel Inspectors and the of Hartford, CT have 4/44/10 to 7/10 the Owner has performed	g a valid commission issued by the National Board of Boiler and Pressure State or Province of <u>Illinois</u> and employed by <u>HSB CT</u> inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief,
Vessel Inspectors and the of Hartford, CT have 4 May 10 to 7/2 the Owner has performed Report in accordance with	g a valid commission issued by the National Board of Boiler and Pressure State or Province of IllInols and employed by HSB CT inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's
Vessel Inspectors and the of Hartford, CT have 4/4//// to 7/ the Owner has performed Report in accordance with By signing this certificate	g a valid commission issued by the National Board of Boiler and Pressure State or Province of IllInols and employed by HSB CT inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's the requirements of the ASME Code, Section XI.
Vessel Inspectors and the of Hartford, CT have A MATERIAL to 7/2 the Owner has performed Report in accordance with By signing this certificate implied, concerning the extension of the extension	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's the requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or
Vessel Inspectors and the of Hartford, CT have AMM to 7/ the Owner has performed Report in accordance with By signing this certificate implied, concerning the extension of the property of th	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's the requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or examinations and corrective measures described in this Owner's Report.
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Vessel Inspectors and the of Hartford, CT have AMP to Z the Owner has performed Report in accordance with By signing this certificate implied, concerning the extra Furthermore, neither the I injury or property damage	g a valid commission issued by the National Board of Boiler and Pressure State or Province of Illinois and employed by HSB CT inspected the components described in this Owner's Report during the period a nad state that to the best of my knowledge and belief, examinations and taken corrective measures described in this Owner's the requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or examinations and corrective measures described in this Owner's Report. Inspector nor his employer shall be liable in any manner for any personal or a loss of any kind arising from or connected with this inspection. Commissions

DOCUMENT NO.:	3 A			REV. NO.: 0



	As Requi	rea by the Pro	ovisions of tr	TE ASME CODE S	ection	Ai .			
1. Owner <u>1</u>	Exelon Nuclear			Date	14/10				
4300 Winf	ield Road, War	Name renville, IL Address		Sheet 1		of	<u> </u>		
2. Plant _I	-	Power Station		Unit 02					
4450 N. G	erman Church	Name Road, Byron, I	L	Work Order No. 01180530-01					
			Repair Organization, P.O. No., Job No., etc.						
3. Work Perfo	ormed by B	ai	Type Code Symbol Stamp Not Applicable						
AAEO N. C.	armen Church	Name Road, Byron, I	1	Authorization No.		Applicable oplicable			
4450 N. G		Address	<u> </u>	Expiration Date	NO! AL	plicable			
4. Identification	on of System	RC REACTO	R COOLANT						
(b) Applic (c) Sectio	able Construction of States able Edition of States about the Control of Componer able to the	Section XI Used e(s) N/A	ME Section III I for Repair/Rep	19 74 Edition, Solacement Activity:	75 Adde 2001 E	nda, <u>N/A</u> dition/2003 A	_Code Case ddenda		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
STUD	Bethlehem Steel	HT# 8087874 HT Code LIEK	N/A	2RC76A	1981 :	REMOVED	NO		
THREADED ROD	Nova Machine Products	HT# 7526262 HT CD 281C	N/A	CAT ID# 44337-1	2006	INSTALLED	NO		
NUT	Bethlehem Steel	HT# 65589 (HT Code LIBP	N/A	2RC76A	1981	REMOVED	NO		
NUT	Nova Machine Products	HT# Q2280A -	N/A	CAT ID# 30520-1	2007	INSTALLED	NO		
7. Description	of Work R	EPLACE FLAN	GE STUDS AN	ID NUTS.					
8. Test Condu	ucted: Hydro Other		Pneumatic 🗌	Nominal Opera	•	sure 🗌 E	Exempt 🛣		



, ipplicable i	Manufacturer's Data Reports to be attached
·	
52	FICATE OF COMPLIANCE
I certify that the statements made in the repo	ort are correct and this conforms to the requirements of the ASME
code, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
igned for Ceer	Date <u>6/11</u> , 20 <u>10</u>
Owner's I	Designee, Title
CERTIFICAT	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure
CERTIFICAT I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor	Designee, Title TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT mponents described in this Owner's Report during the period
I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT mponents described in this Owner's Report during the period and state that to the best of my knowledge and belief,
I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor Hartford, CT have inspected the cor Hartford, CT have inspected the cor Hartford, CT have inspected the cor Hartford, CT have inspected the cor Hartford, CT have inspected the cor	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT mponents described in this Owner's Report during the period and state that to the best of my knowledge and belief, at taken corrective measures described in this Owner's
CERTIFICAT I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor All O to Unit , ar the Owner has performed examinations and Report in accordance with the requirements	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT mponents described in this Owner's Report during the period and state that to the best of my knowledge and belief, it taken corrective measures described in this Owner's is of the ASME Code, Section XI.
CERTIFICAT I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor ### April 10	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT mponents described in this Owner's Report during the period and state that to the best of my knowledge and belief, at taken corrective measures described in this Owner's a of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or
I, the undersigned, holding a valid commissi Vessel Inspectors and the State or Province of Hartford, CT have inspected the cordinate of to the Commission of the Owner has performed examinations and Report in accordance with the requirements By signing this certificate neither the Inspectional implied, concerning the examinations and contents.	TE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure of Illinois and employed by HSB CT imponents described in this Owner's Report during the period and state that to the best of my knowledge and belief, it taken corrective measures described in this Owner's is of the ASME Code, Section XI. Itor nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report.
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DOCUMENT NO.:	3.2	REV. NO.: 0

1.	Owner	Exelon Nuclea	r		Date <u>5/3/</u>	10			
	4300 Win	field Road, Wa	Name renville. IL		Sheet 1		of1		
2.	Plant		Address Power Station		Unit 02	······································			
	4450 N. C		Name Road, Byron, IL Address	·	Work Order No.		5-01 P.O. No., Job No.,	etc.	
3.	Work Performed by Shaw/Stone & Webster				Type Code Symbol Stamp Not Applicable				
,	36400 S.		Name Ilmington, IL 60 Address	481	Authorization No. Not Applicable Expiration Date Not Applicable				
4.	Identificat	ion of System	RC						
5. 6.	(b) Applic		Section XI Used e(s) NONE		1 19 71 Edition, September 19 71 Edition, Sept			Code Case Addenda	
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
	Primary /ay, 1.875" x "	Nova Machine	Ht Code: J940 Ht#: 2M34637	N/A	2RC01BA/MJ149B Bolt # 13	2004	Removed	No	
	Primary vay, 1.875" x	Nova Machine	Ht Code: J940 Ht#: 2M34637	N/A	2RC01BA/MJ149B Bolt # 13	2005	Installed	No	
									
									
7.	Descriptio	n of Work R	eplaced Primary	Manway Bo	l l				
8.	Test Cond	lucted: Hydro		neumatic [-	•	ssure 🗌 Ex	empt⊠ °F	

. Remarks <u>WO# 01199605-01</u>	
	Applicable Manufacturer's Data Reports to be attached (2), NB-4334, 4334.1& 4334.2, NB-4335.1, NB-4335.2, & NB-4335.3
** 1355, 1493-1, 1484, 1528	
	CERTIFICATE OF COMPLIANCE
I certify that the statements made in toode, Section XI.	the report are correct and this conforms to the requirements of the ASME
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned Total Cueron	Date <u>6//7</u> , 20 <u>10</u>
Children of	Owner's Designee, Title
CERT	IFICATE OF INSERVICE INSPECTION
•	ommission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or F	•
rooder moperators and the class of t	Province of Illinois and employed by HSB CT
•	
•	the components described in this Owner's Report during the period
of Hartford, CT have inspected	the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
of Hartford, CT have inspected to 4/19/10 the Owner has performed examination	the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ons and taken corrective measures described in this Owner's
of Hartford, CT have inspected to to the Owner has performed examination Report in accordance with the requirements.	the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
of Hartford, CT have inspected to 4/1// the Owner has performed examination. Report in accordance with the requirement by signing this certificate neither the	the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ons and taken corrective measures described in this Owner's rements of the ASME Code, Section XI.
of Hartford, CT have inspected to 188/10 to 199/10 the Owner has performed examinated Report in accordance with the requirement by signing this certificate neither the implied, concerning the examinations	the components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, ons and taken corrective measures described in this Owner's rements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report.
of Hartford, CT have inspected to 488 to 400 to 400 the Owner has performed examination. By signing this certificate neither the implied, concerning the examination. Furthermore, neither the Inspector neither the Inspect	the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ons and taken corrective measures described in this Owner's rements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or
of Hartford, CT have inspected to 488 to 400 to 400 the Owner has performed examination. By signing this certificate neither the implied, concerning the examination. Furthermore, neither the Inspector neither the Inspect	d the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, ons and taken corrective measures described in this Owner's rements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or a and corrective measures described in this Owner's Report. or his employer shall be liable in any manner for any personal

DOCUMENT NO.:	2.2		REV. NO.:)

		75 110	equilou by the	, , , o , i o , i o , i o	01 (110	A011112 00	40 000.	1011 XI	
1.	Owner _	Exelon Nuclea			Date	5/1/10			
	4300 Win	field Road, Wai	Name		Sheet	1		of <u>1</u>	
	4500 17111		Address		Sileet	1		U	
2.	Plant _	Byron Nuclear	Power Station	·····	Unit	02			
	4450 N G	erman Church	Name Road Byron	1	Work	Order No.	0110060	e-02	
	7750 IV. C		Address	<u>-</u> .	WOIK			P.O. No., Job No.,	etc.
3.	Mork Borf	ormed by We	etinghouse Ele	estric Co	Tyma (Cada Simbi	al Stamp	Not Applie	abla
٥.	WOIN FEII	officed by vve	Name	ettic co.		rization No.		Not Applic Applicable	anie
	PO Box 1	58, Madison, P			Expira	tion Date		plicable	
			Address						
4.	Identificati	on of System	REACTOR C	COOLANT (RC)		·		
5.	(a) Applio	able Constructi	on Code ASI	ME Section III	19 71	Edition.	S72/W74	* Addenda, *	Code Case
-	(b) Applic	able Edition of	Section XI Used					Edition / 2003	
•	, ,	on XI Code Case	` '						
6.	identificati	on of Compone	118						
	Name of	Name of	Manufacturer	National Board		Other	Year	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
0	omponent	Manufacturer	Serial No.	No.		ntification	Built		
Mech Plug	anical Tube	Westinghouse	HT# NX3188HK Lot 11 CAT ID 45093	N/A	S	RC01BB N 2096 Row 7 Col. 7	2002	installed	NO
							·		
					-				
					<u> </u>				
7.	Description	of Work IN	ISTALL MECHA	ANICAL TUBE	PLUGS	S IN THE 2E	SG.		
8.	Test Cond	ucted: Hydro Other		Pneumatic ren/a		minal Opera	•	sure	empt ⊠ °F

9.	Remarks 01199606-02
_	Applicable Manufacturer's Data Reports to be attached W74 for NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1& 4332.2, NB-4335, NB-4335.1, NB- 4335.2, & NB-4335.3
_	* 1355, 1493-1, 1484, 1528, NB-4643
_	Mechanical tube plugs fabricated to ASME Section III 1989 Edition No Addenda with Code Case N-474-1.
	CERTIFICATE OF COMPLIANCE
	rtify that the statements made in the report are correct and this conforms to the requirements of the ASME Section XI.
Туре	Code Symbol Stamp Not Applicable
Certi	cate of Authorization No. Not Applicable
Signe	d Patruck lieger Date 6/17, 20 10
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	ne undersigned, holding a valid commission issued by the National Board of Boiler and Pressure
	ssel Inspectors and the State or Province of Illinois and employed by HSB CT
of	Hartford, CT have inspected the components described in this Owner's Report during the period
٠. ت	
	Owner has performed examinations and taken corrective measures described in this Owner's
	port in accordance with the requirements of the ASME Code, Section XI.
	signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
	blied, concerning the examinations and corrective measures described in this Owner's Report.
	rthermore, neither the Inspector nor his employer shall be liable in any manner for any personal
	ury or property damage or a loss of any kind arising from or connected with this inspection.
	Commissions 116-1254
	Inspector's Signature National Board, State Province, and Endorsements
Da	te: <i>Quil 17</i> , 20 10

DOCUMENT NO.:	3.1	REV. NO.:	0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

1.	Owner Ex	elon Nuclear	•		Date 4-29-10				
		Na d Road, Warren			Sheet 1		of1		
2.	Plant By	Addi ron Nuclear Pov Na	ver Station		Unit <u>02</u>				
	4450 N. Geri	man Church Roa			Work Order No. 0		9-01 P.O. No., Job No., e	etc.	
3.	Work Perform	ned by Shaw N sex Road, Wilmi	//Stone & Web lame ngton, IL 6048		Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable Expiration Date Not Applicable				
4. 5.	(b) Applicab (c) Section 2	le Construction C le Edition of Sect XI Code Case(s)	IS (MAIN STE	Section III	19 74 Edition, na eplacement Activity				
6.	Identification	of Components							
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No	
SAFE 1500#	TY VALVE, 6",	DRESSER INDUSTRIES	BU01479	N/A	2MS013C	1978	Removed	YES	
SAFE 1500#	TY VALVE, 6",	DRESSER INDUSTRIES	DA27376	N/A	2MS013C Cat ID 1442243-1	2009	Installed	YES	
	TUD, 1-3/8" SA193 B7	TEXAS BOLT	TRACE# LR7 HT# 8898128	N/A	2MSO13C	1981	REMOVED	NO	
	TUD, 1-3/8" SA193 B7	NOVA MACHINE	TRACE # E382 HT#13853	N/A	2MS013C CAT ID 37106-1	2002	INSTALLED	NO	
	NUT, 1-3/8 SA194 2H	TEXAS BOLT	TRACE# LR8 HT# 2D9355	N/A	2MS013C	1981	REMOVED	NO	
	NUT, 1-3/8 SA194 2H	NOVA MACHINE	TRACE# 438C HT# 11557520	N/A	2MS013C CAT ID 1394991-1	2007	INSTALLED	NO	
					1	,			
7.	Description o	f Work REPL	ACE RELIEF	VALVE / R	EPLACED ONE STU	D AND 1	WO (2) NUTS		
8.	Test Conduct	ed: Hydrostati	ic 🔲 Pne	eumatic [Nominal Operati	ing Pres	SUITA 🕅 Eve	empt 🗌	
J .	. co. conduct	Other 🗌	Pressure	949	•	emp.		%F	

Remarks 0	1212454-01		
		Applicable Manufacturer's [Data Reports to be attached
			
			
<u> </u>			
<u> </u>		CERTIFICATE OF COM	PLIANCE
certify that the			nis conforms to the requirements of the ASME
de, Section XI.	otatomonto maso m		
pe Code Symbo	ol Stamo	. N e	ot Applicable
rtificate of Auth	· —————		Not Applicable
ned au	.) /}	RAR COMDINATOR	Date 5-18 , 20 10
Tied Jun		Owner's Designee, Title	Date <u>3 16 , 20 10 </u>
	<u> </u>	omici o Bodignoo, Thio	·
_	ed, holding a valid co	-	ational Board of Boiler and Pressure
•	ors and the State or F		and employed by HSB CT
of <u>Hartford,</u>	CT_have_inspected	•	d in this Owner's Report during the period
2/25/10	to <u>5/24/10</u>		best of my knowledge and belief,
the Owner has	performed examinati	ons and taken corrective m	easures described in this Owner's
Report in accor	dance with the requir	rements of the ASME Code	, Section XI.
By signing this	certificate neither the	Inspector nor his employer	r makes any warranty, expressed or
implied, concer	ning the examination	s and corrective measures	described in this Owner's Report.
Furthermore, n	either the Inspector n	or his employer shall be lia	ble in any manner for any personal
injury or proper	ty damage or a loss o	of any kind arising from or c	connected with this inspection.
- Quan	Melu	Commissions	126-1254
In	spector's Signature		National Board, State Province, and Endorsements
Date: 7/16	# 24 ,20	10	
	, _ · ·		



DOCUMENT NO.:	3.1	REV. NO.: 0
DOCUMENT NO.:	0.1	7127.110

		As Requi	ired by the P	rovisions	s of the ASME Cod	le Section	on XI	
1.	Owner Ex	elon Nuclear			Date 4/29/10			
	4300 Winflei	Na d Road, Warren	ville, IL		Sheet 1		of <u>1</u>	
2.	Plant By	Add ron Nuclear Pov Na	ver Station		Unit 01	di.		
	4450 N. Gerr	nan Church Ros	ad, Byron, IL		Work Order No. 0			
		Add			. •		P.O. No., Job No., e	
3.	Work Perform		//Stone & Web ame	ster	Type Code Symbol Authorization No.		Not Applic pplicable	able
	36400 S. Ess	ex Road, Wilmi	ngton, IL 6048	31		Not Ap		
		Add	ress					
4.	Identification	of System N	IS (MAIN STE	AM)				
5. 6.	(b) Applicab (c) Section >		tion XI Used fo		19_ <u>74_</u> Edition, <u>na</u> eplacement Activity			Code Case Addenda
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SAFE 1500#	TY VALVE, 6",	DRESSER INDUSTRIES	BU01487	N/A	2MS015C	1978	Removed	YES
500#	TY VALVE, 6",	DRESSER INDUSTRIES	DA27375	N/A	2MS015C Cat ID 1442238-1	2009	Installed	YES
							· · · · · · · · · · · · · · · · · · ·	
					, , , , , , , , , , , , , , , , , , , 			
7.	Description of	Work REPL	ACE RELIEF	VALVE				
- 3.	Test Conduct	ed: Hydrostat	ic Pne	eumatic [] Nominal Operat	ing Press	sure 🛛 Ex	empt 🗌
		Other [Pressure	949	.68 psi Test	Гетр	651.78	°F



CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME ode, Section XI. The Coccompany of the Asme of	. Remarks <u>0</u>	1212452-01	Applicable Manufacturers	Data Hanorts to be attached
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Jacobier of Owner's Residence 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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ML-1354 National Board, State Province, and Endorsements			Applicable Manufacturer's	Data Reports to be attached
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Not Applicable Pertificate of Authorization No. September 1			CERTIFICATE OF COM	MPLIANCE
Not Applicable Pertificate of Authorization No. September 1	I certify that the	statements made	le in the report are correct and	this conforms to the requirements of the ASM
Pre Code Symbol Stamp Not Applicable Prifficate of Authorization No. Prior Recognition of Authorization No. 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period The Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Not Applicable Date 6 - 8 , 20 10 Date 6 - 8	•			,
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and employed by ABB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		i Stamn		Not Applicable
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	•	· ———	<u> </u>	
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	<i>(</i>)	A A' .	A 4.4 ACC-0.0 (4.4 = 7.4)	
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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period at 5/10 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	gued Tow			Date 6 - 3 , 20 10
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period as a state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		Own	ner or Owner's Designee, Title	
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Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	I the undersian			
of Hartford, CT have inspected the components described in this Owner's Report during the period to 6/1/1 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	· ·		•	
to 6/// , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 12 1354	•		•	
the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	of Hartford,	T have inspe	•	•
Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 12 1354 National Board, State Province, and Endorsements	2/15/10	to <i>6/11/18</i>	, and state that to the	best of my knowledge and belief,
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	the Owner has	performed exami	ninations and taken corrective n	measures described in this Owner's
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	Report in accor	dance with the re	equirements of the ASME Code	e, Section XI.
implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•		•	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements			• • •	• •
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•	•		·
Commissions 12-1354 National Board, State Province, and Endorsements	•	•	• •	• •
Inspector's Signature National Board, State Province, and Endorsements	injury or proper	y dantiage of a ic	· · · · · · · · · · · · · · · · · · ·	
	α	<i>~</i>		
Date:	- go und	UM/4	Commissions	



FORM NVR-1 REPORT OF REPAIR 2 REPLACEMENT OF NUCLEAR PRESSURE RELIEF DEVICES

	the state of the s	gies, LLC vard, Spartanburg,	Purchase Ordesc 29306	70	8731			
2. Work performed for:	Exelon Corporation	, Byron Nuclear Stat	ion					
3/4. Owner - name, add Byron Nuclear Stati	ress and identification 4450 N. German			Corporation,				
 a: Repaired pressure b: Name of manufact c: Identifying nos. 		ain Steam Safety Va d / Dresser DA27375	n/a ste	am 6*	2009			
d: Construction Cod	(type)	(mfr's S/N) III 1974	(NB#) (sen	vice) (size) n/a (Code Cases(s))	(yr.built) 2 (Code Class)			
6. ASME Code Section	XI applicable for ins	service inspection:	2001 (edition)	2003 (addenda)	n/a (Code Case(s))			
7. ASME Code Section		·	2001 (edition) 1974	2003 (addenda) n/a	(Code Case(s)) n/a			
Construction Code u Design responsibiliti	•	acenents:	(edition)	(addenda)	(Code Case(s))			
11. Description of wor lapped nozzle & passembled. Certification 12. Remarks: NWS Tr	assivated seat area, ed set-pressure and	lapped and pre-oxid seat tightness using	lized the X750 dis	assembled, cleaned sc, load tested the				
I, Cesar V. Sie report are correct and conforms to Section X National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Board Certific National Research	certify that the repair, modificate of the ASME Code cate of Authorization cate of Authorization S Technologies, Li	to the best of my known tion or replacement and the National Board No. 632 to the No. 81 to the No.	owledge and belief the pressure repard Inspection Couse the "VR" standard the "NR" s	elief devices descri- code "VR" and "NR' op expires April April	ped spoke			
CERTIFICATE OF INSPECTION I. Charles F. Toegel Jr. holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of North Carolina and employed by Hartford Steam Bolier of CT of Hartford, CT have inspected the repair, modification or replacement described in this report on BARL ZOLD and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the of the ASME Code and the National Board Inspection Code "VR" and "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning this repair, modification or replacement described in this report. Futhermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection. NB # 8462, A, N, I NC# 1073 Commissions (NB (NB shadows), pursuicable max)								

90 4/15/N

NWS

Work Progression & Hold Point Checklist

technologies

Valve Serial Number:	DA27375	PO#:	4:	58731	T EWN	raveler #	10-63	
This block to be signed after indicating hold points and prior to work;								
This traveler has been r	eviewed and approved for use b	y:	NWS O	A · Copy Sierra	20	3/30/ Data	10	
Construction Code:	ASME Section: III	Edition:	74	Addenda: n/a	CodeC	ase: n/a		
Repair Code:	ASME Section: XI			Addenda: 2003			,	
OK TO	eviewed and approved for use but to be the present to low.	1.0.Tve		MANUAL STATES	10 1	3/39 Nata	10	
This traveler has been r	eviewed and approved for use b	y: '	i) EWM	ISB) ANI - Charles T	cegel	7 150 10 Date		
Work Step	······································		EWN	AD BWN	NWS	NWS AN		
		!	QA	Witness	ANI	Witness		
			Hold	Date/Init.	Hold	Date/Init		
This is a new valve.								
Receipt Inspection								
2. Full disassembly (NV	VS-R-3 rev 7)							
3. Component inspectio	n			116				
4. Repair (Section XI) o	omponents (Exelon Attachment 5	req'd)	/	1/4 4/8/10	V	1/1 asci	1/4/2	
5. Replace (Section XI)	components (Exelon Attachment	5 req'd)		dA41810	V	"/a bec	140	
6. Lap and oxidize the	(750 disc (NWS-I-2 Rev 0)							
7. Lap and passivate no	zzie seat (NWS-I-3 Rev 0)							
8. Inspect Spring / Load	Test Spring							
9. Valve assembly								
10. Set blowdown rings								
11. Steam set-pressure	certification testing (NWS-T-62	rev 1)						
12. Steam seat tightnes	is test.			}		,		
13. Tighten compression	n screw locknut & torque seal				V	ALL 4/2	dia	
14. Lockwire and seal r	ing pins and cap		0	4/8/10 1	/	Sec 41	dia	
15. Final Inspection			V	1/8/10 A	V	yer 4/2	Tid	
16. Completion of Form	NVR-1		1	4/8/10 Ø	1	1121-1/2	110	
17. Apply nameplate			1	4/8/10 0	1	Dec 4/2	110	
			1			1		
This block to be store	d offer completion of well-			7 -				
	ed after completion of work: reviewed and accepted by:		aces 1	ward		1/8/10		
	reviewed and accepted by:	NWS AN	1			4 2 10		

HSB-CTIANITI

163545

NWS

technologies 131 Venture Boulevard Spartanburg, SC 29306

Ph: 864-587-7001 Fx: 864-587-9005

Certificate of Conformance

of work performed for Exelon **Byron Nuclear Station**

Purchase Order # 458731

Valve Identification

Valve S/N: **DA27375**

Model Number: 3707R Main Steam

Set-Pressure: 1205 psig

Valve OEM: Dresser NWS Traveler # 10-63

Job Summary

This was a new valve which had not been installed at site.

Repair: The valve was repaired under the NWS VR/NR programs. The X750 disc was lapped and oxidized disc prior to reuse. The nozzle seat was passivated after lapping. The spring was load tested with satisfactory results. Wear areas were cleaned as necessary. All wear areas and contact points were lubricated prior to assembly. Initial Test: The valve was allowed to thermally stabilize at a holding pressure of ~1000 psig. A total of four lifts were done. No adjustments were required. The final two lifts were within the required as-left BYRON acceptance range of ±1% of set-pressure. Final Seat Tightness Testing: Following set-pressure certification, system pressure was maintained at 90%. No moisture was detected on a cold bar placed in the vicinity of the seats.

All work was done by NWS personnel. An NWS test supervisor was present during all testing. An HSB of CT reviewed documentation, witnessed nameplate installation, and completed an NVR-1 form.

The valve was cleaned, sealed and packaged for return shipment.

Set-Pressure Certification Lifts (1193 to 1217 psig)

Lift Number	Date	Time	Set- Pressure (PSIG)	Inlet Flange (°F)	Body (°F)	Spring Can (°F)	Ambient (°F)
63-0-3	4/7/10	10:25	1214	443	265	141	124
63-0-4	4/7/10	10:32	1206	442	268	142	123

We certify that all work performed was in compliance with the referenced PO and other correspondence, NWS QA System Manual Rev. 4, NWS VR Program Rev. 7, NWS NR Program Rev. 6, NWS Procedures and the documents referenced therein. All required tests and inspections have been performed and the results accepted. Documentation supporting this Certificate of Conformance is available for review as applicable.

NWS Job Coordinator:

Date: 4 18 110

Date: 4 18 110

NWS Quality Assurance: C.V.Sierra - QA

163545

DOCUMENT NO.:	3.1	REV. NO.: 0



	0	_				0-1- 4/00/40			* 1	
1.	Owner	EXE	elon Nuclear Nar	ne		Date <u>4/29/10</u>	·			
	4300 Wi	nfield	d Road, Warren	ville, IL		Sheet1		of <u>1</u>		
•	Di	D.	Addı			11-4-00				
2.	Plant	Вуг	ron Nuclear Pov Nar		- ·	Unit 02				
	4450 N.	Gern	nan Church Roa	-		Work Order No. (
			Addı	'ess		Repair Org	ganization,	P.O. No., Job No.,	etc.	
3.	Work Pe	rform	ed by Shaw	/Stone & Web	ster	Type Code Symbo		Not Applic	able	
	20122 0			ame	•	Authorization No.		Applicable		
	36400 S.	. ESS	ex Road, Wilmin Adda		51	Expiration Date	NOT AP	piicable		
4.	Identifica	ition (S (MAIN STE	AM)					
_	(a) Anni	liaahl				10.74 Edition no	Adda		Code Case	
5.						19_74_Edition, na eplacement Activity				
	(c) Sect	tion X	(I Code Case(s)							
6.	Identifica	tion (of Components							
		-						Comment	ASME	
l					National	_	İ	Corrected, Removed, or	Code Stamped	
(Name of Component		Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)	
SAFE 1500#	TY VALVE,	, 6",	DRESSER INDUSTRIES	BU01495	N/A	2MS017C	1978	Removed	YES	
			INDOSTRIES			2MS017C				
SAFE 1500#	TY VALVE,	, 6",	DRESSER INDUSTRIES	BR09609	N/A	214130170	1977	Installed	YES	
1500#			III DOOTTILES			Cat ID 1439913-1				
							-		 	
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									ļ	
								İ		
	,,,,, ,,,,		L		<u> </u>				<u> </u>	
7.	Description	on of	Work REPL	ACE RELIEF	VALVE			<u>-</u> .		
8.	Test Con	ducte	ed: Hydrostati	c 🗌 Pne	eumatic [] Nominal Operat	ting Pres	sure 🛛 Ex	empt 🔲	
			Other 🗌	Pressure	949	·	_	651.78	°F	



9. Remarks 01212454-01	·	
	Applicable Manufacturer's D	ata Reports to be attached
	7.	
		
	CERTIFICATE OF COMP	PLIANCE
I certify that the statements m	ade in the report are correct and thi	is conforms to the requirements of the ASME
Code, Section XI.	•	
Type Code Symbol Stamp	No	t Applicable
Certificate of Authorization No.		Not Applicable
Signed David G. Lile	A RAR COGRDINATOR	Date 6 - 8 , 20 10
	Owner or Owner's Designee, Title	
	OFOTISIOATE OF INGERVICE	INCRECTION
1 the undersigned helding a	CERTIFICATE OF INSERVICE	
-	valid commission issued by the Nat	
Vessel Inspectors and the St		and employed by HSB CT
	· /	in this Owner's Report during the period
3/85/10 to 4/8		est of my knowledge and belief,
*	aminations and taken corrective me	•
· · · · · · · · · · · · · · · · · · ·	e requirements of the ASME Code,	
	ther the Inspector nor his employer	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	ninations and corrective measures of	·
Furthermore, neither the Insp	pector nor his employer shall be liab	ole in any manner for any personal
injury or property damage or	a loss of any kind arising from or co	onnected with this inspection.
- SAMMILLIA	Commissions	121.1254
Inspector's Signate	ire	National Board, State Province, and Endorsements
Date: Quince 8	, 20 <u>10</u>	

(Final)



FORM NVR-1 REPORT OF REPAIR ME REPLACEMENT CONTINUE OF NUCLEAR PRESSURE RELIEF DEVICES

2. Work performed for: Exelon Corporation, Byron Nuclear Station 3/4. Owner - name, address and identification of nuclear power plant: Exelon Corporation, Byron Nuclear Station 4450 N. German Church Road Byron, IL 61010 5. a: Repaired pressure relief device: Main Steam Safety Valve b: Name of manufacturer: Consolidated / Dresser c: Identifying nos. 3707R BR09609 n/a steam 6" 77 (type) (mfr's S/N) (NB6) (service) (stree) (yr. built) d: Construction Code: ASME Section III 1974 n/a n/a n/a 2 (name/section/division) (edition) (addenda) (Code Cases(e)) (Code Clases) 6. ASME Code Section XI applicable for inservice inspection: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 7. ASME Code Section XI used for repairs, replacements: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 8. Construction Code used for repairs, replacements: 1974 n/a n/a n/a (edition) (addenda) (Code Case(s)) 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam 11. Description of work (include name and identifying number of replacement parts): Disassembled, cleaned, inspected,
Byron Nuclear Station 4450 N. German Church Road Byron, IL 61010 5. a: Repaired pressure relief device: Main Steam Safety Valve b: Name of manufacturer: Consolidated / Dresser c: Identifying nos. 3707R BR09609 n/a steam 6" 77 (type) (mfr's SN) (NB6) (service) (stze) (yr.built) d: Construction Code: ASME Section III 1974 n/a n/a 2 (name/section/division) (edition) (addenda) (Code Cases(e)) (Code Clase) 6. ASME Code Section XI applicable for inservice inspection: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 7. ASME Code Section XI used for repairs, replacements: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 8. Construction Code used for repairs, replacements: 1974 n/a n/a n/a (edition) (addenda) (Code Case(s)) 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
b: Name of manufacturer: Consolidated / Dresser c: Identifying nos. 3707R BR09609 n/a steam 6" 77
d: Construction Code: ASME Section III 1974 n/a n/a 2 (name/section/division) (edition) (addenda) (Code Cases(a)) (Code Class) 6. ASME Code Section XI applicable for inservice inspection: 2001 2003 n/a (edition) (addenda) (Code Cases(a)) 7. ASME Code Section XI used for repairs, replacements: 2001 2003 n/a (edition) (addenda) (Code Cases(a)) 8. Construction Code used for repairs, replacements: 1974 n/a n/a (edition) (addenda) (Code Case(s)) 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
d: Construction Code: ASME Section III 1974 n/a n/a (addenda) (Code Cases(a)) (Code Classa) 6. ASME Code Section XI applicable for inservice inspection: 2001 2003 n/a (edition) (addenda) (Code Cases(a)) 7. ASME Code Section XI used for repairs, replacements: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 8. Construction Code used for repairs, replacements: 1974 n/a n/a n/a n/a 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
(name/section/division) (edition) (addenda) (Code Cases(e)) (Code Clase) 6. ASME Code Section XI applicable for inservice inspection: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 7. ASME Code Section XI used for repairs, replacements: 2001 2003 n/a (edition) (addenda) (Code Case(s)) 8. Construction Code used for repairs, replacements: 1974 n/a n/a (edition) (addenda) (Code Case(s)) 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
6. ASME Code Section XI applicable for inservice inspection: 7. ASME Code Section XI used for repairs, replacements: 8. Construction Code used for repairs, replacements: 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
7. ASME Code Section XI used for repairs, replacements: 8. Construction Code used for repairs, replacements: 9. Design responsibilities: 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC (edition) (addenda) (code Case(s)) (code Case(s)) (dition) (addenda) (code Case(s)) (code Case(s))
7. ASME Code Section XI used for repairs, replacements: 8. Construction Code used for repairs, replacements: 9. Design responsibilities: 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC 12003 (addenda) (Code Case(s)) (code Case(s)) (ditton) (addenda) (Code Case(s)) (Code Case(s))
8. Construction Code used for repairs, replacements: (edition) (addenda) (Code Case(s))
8. Construction Code used for repairs, replacements: 1974 (edition) 9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
9. Design responsibilities: n/a 10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
10. Opening pressure: 1175 psig Set-pressure adjustment made at: NWS Technologies, LLC using steam
Set-pressure adjustment made at: NWS Technologies, LLC using steam
Set-pressure adjustment made at: NWS Technologies, LLC using steam
11 Description of work (include name and identifying number of replacement parts): Disassembled, cleaned, inspected,
lapped nozzle & passivated seat area, lapped and pre-oxidized the X750 disc, load tested the spring,
assembled. Certified set-pressure and seat tightness using steam.
12. Remarks: NWS Traveler # 10-68. No parts replaced.
CERTIFICATE OF COMPLIANCE
Cesar V. Sierra certify that to the best of my knowledge and belief the statements made in this
report are correct and the repair, modification or replacement of the pressure relief devices described above
conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.
National Board Certificate of Authorization No. 632 to use the "VR" stamp expires April 3, 2012.
National Board Certificate of Authorization No. 81 to use the "NB" stamp expires April 9, 2012.
4/8/10 NWS Technologies, LLC Lices Velice Manager, QA
Date Repair Organization Authorized representative
CERTIFICATE OF INSPECTION
I. Charles F. Toegel Jr. holding a valid commission issued by The National Board of Boiler and Pressure
Vessel Inspectors and certificate of competency issued by the jurisdiction of North Carolina and employed by Hartford Steam Boller of CT of Hartford, CT have inspected the repair, modification
by Hartford Steam Boller of CT of Hartford, CT have inspected the repair, modification
or replacement described in this report on <u>2 AFRIC Zelo</u> and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the of the ASME
this repair, modification of replacement has been completed in accordance with the control of th
1 Survive this confidence in neither the undersigned not my employer makes any warranty, expressed of implied,
I amagine this sensit modification of replacement described in this report, Putherniole, helder the directory.
nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind
fried this arrival at a result of the second
arising from or connected with this inspection.
arising from or connected with this inspection. 4/8/10 GRAND FORM OF THE PART A, N, I NC# 1073

gr. 4/15/1 163553

NWS	Work Progress	sion &	Hol	d Point Che	cklist	:	
technologies			d	1		,	
Valve Serial Number:	BR09609	PO#:	45	104 rev 1	NWS T	raveler # 1	0-66
This block to be sign	ned after indicating hold points a	and prior	r to w	ork:			
This traveler has been	n reviewed and approved for use b	λ:	NWSC CEWN	A - Jason Gibson		4-/- 204 Date	2
Construction Code:	ASME Section: 111	Edition:	74	Addenda: n/a	CodeCa	ase: n/a	
Repair Code:	ASME Section: XI			Addenda: 2003			
This traveler has been	n reviewed and approved for use b	y:	QU Bygn	ANII - Johr Hangiricka	L C. 7086	4/1/10	, -
This traveler has been	n reviewed and approved for use b	y:		Afove Couve HSB) ANI - Charles 1	SATTON	<i>y</i> <u>√-)-(</u> Date	2 fi
Work Step	:		RWA	NWS QA	NWS	NWS ANI	7
			QA	Witness	ANI	Witness	
1			Hold	Date/Init.	Hold	Date/Init.	
Valve had been tested	at site. Sent to NWS for refurb an	id steam	set-pr	essure certification	on.		_
1. Receipt inspection					<u> </u>		_}
2. Full disassembly (N	IWS-R-3 rev 7)						1
3. Component inspec	tion			, ,		1	7
4. Repair (Section XI)	components (Exelon Attachment 5	red,q)	1	MA 4810 G		(sex)	810
5. Replace (Section X	(I) components (Exelon Attachment (5 req'd)	~	11/8/10 A		1/4/8/4/s	7 0
6. Lap and oxidize the	X750 disc (NWS-I-2 Rev 0)					7	
7. Lap and passivets	nozzie seat (NWS-I-3 Rev 0)						
8. Inspect Spring / Lo	ad Test Spring						_
							_

6. Lap and oxidize the X750 disc (NWS-I-2 Rev 0)	L						
7. Lap and passivate nozzle seat (NWS-I-3 Rev 0)							
8. Inspect Spring / Load Test Spring							
9. Valve assembly						<u> </u>	
10. Set blowdown rings							
11. Steam set-pressure certification testing (NWS-T-82 rev 1)					<u> </u>	4/6/	10
12. Steam seat tightness test.	<u> </u>					104/6	N
13. Tighten compression screw locknut & torque seal						1	.,.,
14. Lockwire and seal ring pins and cap	1-	14/8	10	00_	1	West +	8 19
15. Final Inspection	1	48	10	9	/	XXXXII	5/10
18. Completion of Form NVR-1	1	4/	?/# <u></u>		1	VMLY	210
17. Apply nameplate	1	4/3	9/10	(A)	1	4 100 4	310
						1 '	
This block to be signed after completion of work:		1					7

This traveler has been reviewed and accepted by:

This traveler has been reviewed and accepted by:

ANII ANII

163553

NWS

technologies 131 Venture Boulevard Spartanburg, SC 29306

Ph: 864-587-7001 Fx: 864-587-9005

Certificate of Conformance

of work performed for Exelon Byron Nuclear Station

Purchase Order # 454204

Valve Identification

Valve S/N: **BR09609**

Model Number: 3707R Main Steam

Set-Pressure: 1175 psig Valve OEM: Dre

Valve OEM: <u>Dresser</u> NWS Traveler # <u>10-66</u>

Job Summary

As-found testing had been done at site.

Repair: The valve was repaired under the NWS VR/NR programs. The X750 disc was lapped and oxidized disc prior to reuse. The nozzle seat was passivated after lapping. The spring was load tested with satisfactory results. Wear areas were cleaned as necessary. All wear areas and contact points were lubricated prior to assembly. Initial Test: The valve was allowed to thermally stabilize at a holding pressure of ~1000 psig. A total of three lifts were done. No adjustments were required. The final two lifts were within the required as-left BYRON acceptance range of $\pm 1\%$ of set-pressure. Final Seat Tightness Testing: Following set-pressure certification, system pressure was maintained at 90%. No moisture was detected on a cold bar placed in the vicinity of the seats.

All work was done by NWS personnel. An NWS test supervisor was present during all testing. An HSB of CT reviewed documentation, witnessed steam certification testing, nameplate installation, and completed an NVR-1 form.

The valve was cleaned, sealed and packaged for return shipment.

Set-Pressure Certification Lifts (1164 to 1186 psig)

Lift Number	Date	Time	Set- Pressure (PSIG)	Inlet Flange (°F)	Body (°F)	Spring Can (°F)	Ambient (°F)
66-0-2B	4/6/10	12:23	1179	469	248	144	114
66-0-3B	4/6/10	12:28	1178	469	249	144	114

We certify that all work performed was in compliance with the referenced PO and other correspondence, NWS QA System Manual Rev. 4, NWS VR Program Rev. 7, NWS NR Program Rev. 6, NWS Procedures and the documents referenced therein. All required tests and inspections have been performed and the results accepted. Documentation supporting this Certificate of Conformance is available for review as applicable.

NWS Job Coordinator:

T.P.Nederostek - V.P. Operations

Date: 4 / 8/10

NWS Quality Assurance:

V Sierra - OA Managar

Date: 418110

163

DOCUMENT NO.:	3 A	REV. NO.: 0

		As Requi	red by the Pro	ovisions of th	e ASME Co	de Section	XI	
1.	Owner	Exelon Nuclea	<u> </u>		Date 4/26/1	0		
	4300 Winf	ield Road, War			Sheet	1	of	1
2.	Plant !		Address Power Station		Linit O			
2.	Plant _	byron Nuclear	Name		Unit 2			
	4450 N. G		Road, Byron, I	<u>L</u>	Work Order N			
			Address		Repa	air Organization,	P.O. No., Job No	., etc.
3.	Work Perfe	,	yron Mechanic aintenance	al	Type Code Sy	mbol Stamp	Not Appl	icable
			Name	_	Authorization		Applicable	
	4450 N. G		Road, Byron, I	<u>L</u>	Expiration Dat	e Not A	pplicable	
		•	Address					
4.	Identification	on of System	CV - CHEMI	CAL VOLUME	CONTROL	,		
5.	(b) Applic	able Edition of	on Code <u>ASM</u> Section XI Used					
6.	· ·	n XI Code Case on of Componer				<u> </u>		
	, <u>1969</u>			National			Corrected, Removed, or	ASME Code Stamped
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
Diapl	nragm Valve	ITT Grinnell	74-1658-25-4	N/A	2CV8399	1976	Removed	Yes
Val	ve Bonnet	ITT GRINNELL	Viv. 74-1658-13-2	N/A	2CV8399 Cat ID# 38640	0-1 1976	Installed	Yes
						1		
		· · · · · · · · · · · · · · · · · · ·						
7.	Description		EMOVED BONI		Y FROM OLD	VALVE AND	REPLACE W	/ITH NEW
8.	Test Condu			Pneumatic	Nominal O	perating Pres	sure 🖾 .	Exempt
J.	i eat Oondt	Other				rest Temp		_ °F
	0				•			

9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	UTILIZED BONNET ASSEMBLY AND DIAPHRAGM FROM VAVLE (CAT ID# 38640-1)
ر ک	
	CERTIFICATE OF COMPLIANCE
1.	certify that the statements made in the report are correct and this conforms to the requirements of the ASME
Coo	le, Section XI.
Тур	e Code Symbol Stamp Not Applicable
Cer	tificate of Authorization No. Not Applicable
Sigr	ned land h. hill, RRR COORDINATOR Date 5-17, 20 10
•	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
1.	, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure
	/essel Inspectors and the State or Province of Illinois and employed by HSB CT
	of Hartford, CT have inspected the components described in this Owner's Report during the period
	4/35/17 to 5/19/19 , and state that to the best of my knowledge and belief,
t	he Owner has performed examinations and taken corrective measures described in this Owner's
. F	Report in accordance with the requirements of the ASME Code, Section XI.
E	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
i i	mplied, concerning the examinations and corrective measures described in this Owner's Report.
F	Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal
ir	njury or property damage or a loss of any kind arising from or connected with this inspection.
	Commissions 122-1354
	Inspector's Signature National Board, State Province, and Endorsements
ב	Date: 71/19, 20 08/10



	·-		
DOCUMENT NO.:	6 A	REV. NO.:	0



1. (Owner	Exelon Nuclea			Date	4/28/10				
_4	4300 WI	nfield Road, Wa			Sheet	1		of	2	
2. F	Plant	Byron Nuclear			Unit	02	·			
4	Name 4450 N. German Church Road, Byron, IL				Work Order No. 01225344-01					
			Address			Repair O	rganization,	P.O. No., Job No.	o., etc.	
3. V	Work Performed by Byron Mechanical Maintenance				Туре (Code Symb	•		licable	
	450 N	2 Charach	Name			rization No.		Applicable		
_4	1450 N.		Road, Byron, IL Address	·	Expira	tion Date	NOT A	pplicable	<u></u>	
4. lo	dantifi aa	tion of System	SI Safety Injec	tion						
			on Code - Pipe 📝						_ Code Case	
() ()	b) Appl c) Sect		` '						Code Case	
(1 6. (0 Na	b) Appl c) Sect	icable Edition of ion XI Code Cas	Section XI Used for e(s) NONE		placem					
(I (i 6. Id Nar Com	b) Appl c) Sect dentifica	icable Edition of ion XI Code Castion of Compone	Section XI Used for the Section XI Used for the Section XI Used for the Section 1	or Repair/Re National Board	placem	ent Activity Other	2001 E	Corrected, Removed, or	ASME Code Stamped	
(I (i 6. Id Nar Com	b) Appl c) Sect dentifica	icable Edition of ion XI Code Castion of Compone Name of Manufacturer	Section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the sec	National Board No.	Ide 25 CI#	Other entification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
Nan Com Va	b) Applic) Sect dentifica	icable Edition of ion XI Code Castion of Compone Name of Manufacturer Kerotest	Section XI Used for the Sectio	National Board No. 21,428	Ide 25 CI# CI# 25	Other entification 518819C 232726-1 518819C	Year Built 1978	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
Nai Com Vi	b) Applic) Sect dentifica	Name of Manufacturer Kerotest CONSOLIDATED	Section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the section XI Used for the sec	National Board No. 21,428	Ide 25 CI# 25 CI# 25 CI#	Other entification 518819C # 32726-1 518726-1 118FC-2*	Year Built 1978	Corrected, Removed, or Installed Removed	ASME Code Stamped (Yes or No) Yes Yes	
Nan Com Va Va PIPE S	b) Applic) Sect dentification of apponent alve	Name of Manufacturer Kerotest CONSOLIDATED POWER SUPPLY CONSOLIDATED	Section XI Used for the sectio	National Board No. 21,428 21,453	Ide 25 CI# 28 CI# 28 CI# 28	Other Interpretation Si8819C Interpretation S	Year Built 1978 1978 2006	Corrected, Removed, or Installed Removed Installed Removed	ASME Code Stamped (Yes or No) Yes Yes NO	
Nan Com Va Va PIPE S	b) Applic) Sect dentification of apponent alve	Name of Manufacturer Kerotest CONSOLIDATED POWER SUPPLY CONSOLIDATED POWER SUPPLY	Section XI Used for the set of th	National Board No. 21,428 21,453 N/A	Ide 25 CI# 28 CI# 28 CI# 28 CI#	Other entification SI8819C # 32726-1 118FC-2" # 32352-1 118FC-2" # 32352-1 118FC-2"	Year Built 1978 1978 2006 2010	Corrected, Removed, or Installed Removed Installed Removed Installed	ASME Code Stamped (Yes or No) Yes Yes NO	
Name Com Via Via PIPE S COU COU ORI	b) Applic) Sect dentification of apponent alve SCH.160	Name of Manufacturer Kerotest CONSOLIDATED POWER SUPPLY TIOGA PIPE Guyon Alloys,	Section XI Used for the set of th	National Board No. 21,428 21,453 N/A N/A	Ide 25 CI# 25 CI# 25 CI# 25 CI# 25 CI# 25 CI#	Other entification SI8819C # 32726-1 118FC-2" # 32352-1 118FC-2" # 39261-1 118FC-2"	Year Built 1978 1978 2006 2010 2008	Corrected, Removed, or Installed Removed Installed Removed Installed Removed	ASME Code Stamped (Yes or No) Yes Yes NO NO	

			Flessure 6007 9015 psi Test Tellip. 67/10/A F	
		Other \square	Pressure ①865 / ②615 psi Test Temp. 87 / N/A °F	
8.	Test Conducted:	Hydrostatic	☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐	
-	Replace flange bo		e plate on 2Si06MC per EC 375527,	



9.	Remarks	WO# 01225344-01		•			
			Applicable	Manufacturer's D	ata Reports to be at	tached	<u> </u>
							
							
			CEDTIEI	NATE OF COME	NIANCE		
	aartifu that t	ha atatamanta mada		CATE OF COMP		acuiromente of the ASI	\AE
	certify that t le, Section 2		in the report a	are correct and thi	s conforms to the re	equirements of the ASI	VIE.
	e Code Syn			No	t Applicable		
	_	uthorization No.			Not Applicable		
Sigi		Switt En	mt	RR Coord		e 6-8 ,20 10	<u> </u>
	-	Owne	yor Owner's Des	signee, Title			
							· · · · · · · · · · · · · · · · · · ·
		CE	RTIFICATE	OF INSERVICE	INSPECTION		
ı	, the unders	signed, holding a valid				er and Pressure	
١	/essel Inspe	ectors and the State of	or Province of	Illinois	and employed b	y HSB CT	A
(of Hartfor	d, CT have inspec	ted the comp	onents described	in this Owner's Rep	ort during the period	
	2/2/04	to <u>4/14/10</u>			est of my knowledge		
		as performed examin				this Owner's	
	•	cordance with the rec	•				
		nis certificate neither cerning the examinat	•	• •	-	•	
l .	•	o, neither the Inspecto					
		perty damage or a los	•	•	•		
	Dome	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		Commissions	144-1854		
	<i>y</i>	Inspector's Signature			National Board, State	Province, and Endorsemen	nts
[Date:	une 14	20 <u>10</u>	<u> </u>			



FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner Exelon Nuclea	r	Date 4/28/10	
0	4300 Winfield Road, Warre	Name nville, IL ddress Power Station	Sheet 2	of <u>2</u>
2.		Name	Work Order No. (01225344-01
3.	Work Performed by Byr	ddress on Mechanical ntenance	Repair Or	ganization, P.O. No., Job No., etc. I Stamp Not Applicable
	4450 N. German Church R	Name : pad, Byron, IL	Authorization No. Expiration Date	Not Applicable Not Applicable
4.		ddress CC – Component Cooler		
5.	(a) Applicable ConstructionApplicable Construction(b) Applicable Edition of Se	Code: Valve ASME	Sect III 19 74 E	Ed, S/75 Ad, None Code Case Ed, S/76 Ad, None Code Case mponents 2001 Ed/2003 Ad
6.	(c) Section XI Code Cases Identification of Components		Replacement Comp	ponents

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pipe Sch. 160	Guyon Alloys	Mk.# 749803 MRR # 5962	N/A	2SI18FC-2*	1982	Removed	No
Orifice Plate	Hunter Corp.	Ht. # K51292	N/A	2S106MC	1981	Removed	No
Orifice Plate	Energy Steel	Ht # 877945 MIC# T25975	N/A ³	2SI06MC Cat/ld: 1443150-1	2010	Installed	No
Flange Studs Qty. 8	Hunter Corp.	Mk.# LIEH	N/A	2SI06MC (MJ-48A)	1981	Removed	No
Flange Studs Oty. 8	Nova Machine Prod.	HT# 7526262 TC# 147F	N/A 3	2SI06MC Cat/ID: 44337-1	2006	installed	No
Flange Nuts Qty. 16	Nova Machine Products	Mk. #LIBP	N/A	2SI06MC (MJ-48A)	1981	Removed	No
Flange Nuts Qty. 16	Nova Machine Prod.	HT# Q2280A	N/A	2SI06MC Cat/ld: 30520-1	2007	Installed	No
 							





DOCUMENT NO .:	3-1	REV. NO.: 0

1.	Owner _	Exelon Nuclear	•		Date 4-26-10			
	4300 Wint	ield Road, War	Name renville II		Sheet 1		of	1
			Address				OI	<u>'</u>
2.	Plant _	Byron Nuclear	Power Station Name		Unit 2			
	4450 N. G	erman Church		<u>L</u>	Work Order No.			
		`	Address		Repair Or	ganization,	P.O. No., Job No.	o., etc.
3.	Work Performed by Byron Mechanical Maintenance				Type Code Symbo	ol Stamp	Not Appl	icable
	4450 N C	orman Church	Name Bood Byron	ı	Authorization No.		Applicable plicable	
	4490 N. G	erman Church	Address		Expiration Date	NOT AL	plicable	
4.	Identificati	on of System	SI – Safety Ir	niection				
5.	(a) Applic	able Construction	on Code ASI	ME Section III	19 71 Edition, W/		1649	_ (nuts)
•	` '	on XI Code Case	` '		· · · · · · · · · · · · · · · · · · ·			
6.	Identificati	on of Componer	1(S					
1 .	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	for 6" Swing eck Valve.	McWilliams FORGE CO.	S/N: 2075 HT # 65800	W10992 (Valve)	EPN: 2SI8818C ID: 6C88	1976	Removed	No
	for 6" Swing eck Valve.	IONICS, INC	RP-2000	N/A	EPN: 2SI8818C ID: 6C88	2001	installed	No
			;	,		,		
· .								
			<u> </u>			.		
								į
7.	Description	n of Work R	eplaced the che	eck valve disc				
8.	Test Cond	ucted: Hydro Other		Pneumatic ren/a	Nominal Opera	iting Pres		Exempt 🖾

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 Illinois and employed by HSB CT		
9. Remarks Reference WC		
Permarks Reference WO 01225561-01. CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conformation Code, Section XI. Type Code Symbol Stamp Not Applicate Certificate of Authorization No. Signed Certificate of Authorization No. Not Applicate of Authorization No. Signed CERTIFICATE OF INSERVICE INSPECTION IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE OF INSERVICE IN CERTIFICATE	ports to be attached	
	CERTIFICATE OF COMPLIAN	CE
I certify that the statements n	nade in the report are correct and this conf	orms to the requirements of the ASME
Code, Section XI.		
Type Code Symbol Stamp	Not Appl	lcable
Certificate of Authorization No.	Not Ap	plicable
Signed () and (A. Aild	RER COORDINATES	Date <u>5-11</u> , 20 10
	Owner or Owner's Designee, Title	
		<u> </u>
	CERTIFICATE OF INSERVICE INSR	ECTION
I the undersigned helding s		
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<u>'</u>		
 /	. /	- · · · · · · · · · · · · · · · · · · ·
 		•
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'	•	n XI.

National Board, State Province, and Endorsements

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

Inspector's Signature Commissions

_	_	_		 			
n	n	r	I B	uT.	NO	•	5.2
	_				111		



	_		•						
1.	Owner _	Exelon Nuclear	ame		Date 4/25/10	<u> </u>			
	4300 Wint	field Road, Warre			Sheet 1		of <u>1</u>		
_			dress						
2.	Plant	Byron Nuclear Po	ower Station		Unit <u>02</u>				
	4450 N. G	erman Church R			Work Order No.	0123285	8-01		
		Ad	dress		Repair Organization, P.O. No., Job No., etc.				
3.	Work Perf	ormed by Sha	w/Stone & Webs	ter	Type Code Symbo	ol Stamp	Not Applic	able	
				Authorization No.	Not	Applicable			
	36400 S. I	Essex Road, Wiln	nington, IL 60481 dress		Expiration Date	Not A	oplicable	·	
•									
4.	Identification	on of System _	SI - SAFETY INJ	ECTION		<u> </u>		·	
5.					19 <u>74</u> Edition, <u>S</u>				
				Repair/Rep	olacement Activity	2001	Edition / 2003	Addenda	
6.		on XI Code Case(son of Components						····	
					T		·	4 6045	
		[Corrected,	ASME Code	
	Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or installed	Stamped (Yes or No)	
C	omponent	Manufacturer	Serial No.	No.	Identification	Built			
BON	NET NUT	VITCO	N2	N/A	2SI8816D	1978	Removed	NO	
BONI	NET NUT	NOVA MACHINE PRODUCTS	HT# 532670 TRACE# E578	N/A	2SI8816D CAT ID 37057-1	2002	Installed	NO	
								ļ	
						r			
			· · · · · · · · · · · · · · · · · · ·				 		
		ļ					ļ		
1									
				<u> </u>	<u> </u>	<u> </u>	<u></u>		
7.	Description	of Work REF	LACE DAMAGED	BONNET	NUT				
,									
8.	Test Condi	ucted: Hydrosta Other [_	matic 🗌	Nominal Opera	•	ssure 🗌 Ex	empt ⊠ °F	
•		Q., 10. L_	,			. op.		•	

Permarks Replacement per WO 01232858-01 Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Certificate of Authorization No. Signed 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Applicable 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Applicable 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Applicable 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 Illinois and employed by HSB CT of Hartford, CT have inspector or fiss employer measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal	
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Certificate of Authorization No. Not Applicable 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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for appressonal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions / LL / 1544	
· · · · · · · · · · · · · · · · · · ·	
	
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed 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 Hartford, CT have inspected the components described in this Owner's Report during the period Applicable Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Application Applicable 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 Hartford, CT have inspected the components described in this Owner's Report during the period Application App	
	~
	CERTIFICATE OF COMPLIANCE
I certify that the statements made in	the report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned Suff Eng	not RR Cond Date 6-7, 20 10
Owner	O) Owner's Designee, Title
	,
. OED	TITIO ATE OF INCERVICE INCRECTION
•	
of <u>Hartford, CT</u> have inspecte	·
4/15/10 to 4/7/10	, 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 requ	uirements of the ASME Code, Section XI.
By signing this certificate neither th	e Inspector nor his employer makes any warranty, expressed or
implied, concerning the examination	ons and corrective measures described in this Owner's Report.
miphod, consciung in condition and	
·	nor his employer shall be liable in any manner for any personal
Furthermore, neither the Inspector	• • • • • • • • • • • • • • • • • • • •
Furthermore, neither the Inspector	s of any kind arising from or connected with this inspection.
Furthermore, neither the Inspector	s of any kind arising from or connected with this inspection. Commissions
Furthermore, neither the Inspector injury or property damage or a loss Inspector's Signature	s of any kind arising from or connected with this inspection.



DOCUMENT NO.:	5.1	REV. NO.:	0



1.	Owner Exel	on Nuclear			Date <u>4-27-10</u>				
	Name 4300 Winfield Road, Warrenville, IL				Sheet 1 of 1				
2.	Address Plant Byron Nuclear Power Station Name				Unit 01				
-	4450 N. Germa	an Church Road, I			Work Order No.				
_	= .	Address			·		P.O. No., Job No.,		
3.	Work Performe	d by <u>Shaw/Sto</u> Name	one & Webste	<u>er</u>	Type Code Symbol Authorization No.		Not Applic Applicable	able	
-	36400 S. Esse	x Road, Wilmingto Address		n servers of	Expiration Date		opilcable		
A	Identification of	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		~~					
4.			Safety Injection		40.74.5.***			0 1 0	
5.	(b) Applicable	Construction Code Edition of Section Code Case(s) N	XI Used for R					Code Case Addenda	
6.	Identification of	Components							
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
PIPE,	2" SCH 160	SANDVIK INC.	HT# 745223	N/A	2SI18EB-2"	1977	Removed	NO	
ELBO	W, 90°, 6000#	ALLOY STAINLESS PRODUCTS	MK# PI HT# 74188	N/A	2SI18EB-2"	1977	Removed	NO	
PIPE,	2" SCH 160	CONSOLIDATED POWER	HT# 505112	N/A	2SI18EB-2" Cat ID 32352-1	2010	INSTALLED	NO	
ELBO\	N, 90°, 6000#	ALLOY STAINLESS	TRACE# PJ A91-00363	N/A	2SI18EB-2" - Cat ID 26875-1	1977	INSTALLED	NO	
COUP	LING, 2", 6000#	AMCO FITTINGS CO.	HT# EEX _	N/A	2SI18EB-2" Cat ID 26943-1	1981	INSTALLED	NO	
7.	Description of V	Vork INSTALLI	ED PIPING (A	PPROX.	7 FT.) AND FITTII	NGS (2 E	LBOWS & 1 CO	OUPLING)	
8.	Test Conducted	f: Hydrostatic [Pneun	natic 🔲	Nominal Opera	iting Pres	ssure 🛛 Ex	empt 🔲	



9. Remarks <u>01241053-01.</u>	oplicable Manufacturer's Data Reports to be attached
	ERTIFICATE OF COMPLIANCE
-	
i certify that the statements made in the Code, Section XI.	e report are correct and this conforms to the requirements of the ASME
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed Suff Earl	esto Record Date 6-7, 20 10
	wner's Designee, Title
CMIRO	wholes Designed, Tide
CERTIE	FICATE OF INSERVICE INSPECTION
	nmission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Pro	
•	he components described in this Owner's Report during the period
1/12/10 to 1/8/10	, and state that to the best of my knowledge and belief,
	ns and taken corrective measures described in this Owner's
Report in accordance with the requirer	
•	nspector nor his employer makes any warranty, expressed or
	and corrective measures described in this Owner's Report.
•	r his employer shall be liable in any manner for any personal
•	any kind arising from or connected with this inspection.
Olymbillies	Commissions 116.1154
Inspector's Signature	National Board, State Province, and Endorsements
Date: Que 8 , 20 1	
, 20 <u>1</u>	

(Final)



DOCUMENT NO.:	5.1	REV. NO.: 0	

			,				ť	
1.	Owner	Exelon Nuclea			Date <u>4-27-10</u>			
	4200 Win	field Bood War	Name		Shoot 1		of 1	
	4300 WIN	fleid Road, War	Address		Sheet 1		011	
2.	Plant _	Byron Nuclear		l	Unit 01			
	4450 N G	Samuel Observation	Name		W	0104105	2.00	
	4450 N. G	erman Church	Address	<u> L</u>	Work Order No. Repair Or		3-08 P.O. No., Job No.,	etc.
_		•						
3.	Work Perf	ormed by S	haw/Stone & V Name	vebster	Type Code Symbol Authorization No.	•	Not Applic Applicable	able
	36400 S. I	Essex Road, W		0481	Expiration Date		plicable	
			Address		·			
4.	Identificati	on of System	SI (SAFETY	INJECTION)				
5.		-			10.74 Edition S	75 Addo	ndo N/A	Code Case
5.					_19 <u>74</u> Edition, <u>S</u> placement Activity			
	(c) Section	on XI Code Case	e(s) NONE					
6.	Identificati	on of Componer	nts					
				National			Corrected, Removed, or	ASME Code Stamped
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
STI	RAP, PIPE DE WELDS	HUNTER	N/A	N/A	2SI17038X	1984	Installed	NO
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						ļ		
								}
						 		
		<u> </u>			ļ			
						<u> </u>		
		 			 	 		
	 -					<u> </u>		
								·
7.	Description	n of Work M	ODIFIED PIPE	SUPPORT 2S	117038X PER EC#	375526		
8.	Test Cond	•		Pneumatic	Nominal Opera	•		empt 🔲
	VT-3	Other		re	psi Test	Temp		°F

9. Remarks 01241053-08	
Applic	able Manufacturer's Data Reports to be attached
	·
CERT	TFICATE OF COMPLIANCE
	port are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed Stort Com	Date 6-7 ,20 10
	s Designee, Title
Owner of Owner	s Designee, Tide
CEPTIEICA	ATE OF INSERVICE INSPECTION
	sion issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Province	•
•	
— , , , , , , , , , , , , , , , , , , , 	omponents described in this Owner's Report during the period
	and state that to the best of my knowledge and belief,
·	nd taken corrective measures described in this Owner's
Report in accordance with the requirement	ts of the ASME Code, Section XI.
By signing this certificate neither the Inspe	ector 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.
Dundlille	Commissions 114 1154
Inspector's Signature	National Board, State Province, and Endorsements
Date:	
7-10-10	



DOCUMENT NO.:	4A	REV. NO.: 0



FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

	As Requir	ed by the Pro	visions of t	he ASN	ME Code S	ection 2	KI	
1. Owner	Exelon Nuclear	Exelon Nuclear			5-2-10			
4300 V	Name 4300 Winfield Road, Warrenville, IL Address				1		of	2
2. Plant Byron Nuclear Power Station Name 4450 N. German Church Road, Byron, IL				Unit _ Work (Order No.			
3. Work I	al		ode Symbo	ol Stamp	P.O. No., Job No Not Appl			
4450 1	N. German Church	Name Road, Byron, il Address	L		ization No. tion Date		Applicable plicable	
4. Identifi	cation of System	RC REACTO	R COOLANT					
(a) App (b) App (c) Sec	plicable Construction plicable Construction plicable Edition of Se ction XI Code Case(s lication of Componen	Code - Pipe ection XI Used for B) N/A	Sect. III 19	74 Edi	tion, S75	Addend		Code Case
Name of	Name of	Manufacturer Serial No.	National Board No.		Other ntification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE 1/2" SCHED.16		HT# 462521	N/A	2R	C31DB	1992	REMOVED	NO
PIPE 1/2" SCHED.16	Consolidated	HT #8207J	N/A		C31B & RC31C	2000	INSTALLED	NO NO
TEE	Unidentified	HT# KR	N/A		C31B & C31EA	1992	REMOVED	NO
TEE	Consolidated Power Supply	Lot #44050	N/A	2R	C31B & RC31C	2010	INSTALLED	NO
ELBOW	Unidentified	HT Code #PP	N/A	21	RC31B	1992	REMOVED	NO
ELBOW	Guyon Alloys Inc.	HT Code# PP	N/A	21	RC31B	1982	INSTALLED	NO

7.	Description of Wo				NT VAL	ES AND PIPING,	REPLAC	ED U-BOLT &	
	REMOVED / REIN	NSTALLED PIP	E SUPPORT	WELDS					
8.	Test Conducted:	Hydrostatic	☐ Pneu	matic	Nomina	al Operating Pressu	ure 🛛	Exempt	
	VT-3	Other 🔲	Pressure	2244	psi	Test Temp.	557	°F	



9. Remarks <u>WO# 01279020-01</u>	
	ble Manufacturer's Data Reports to be attached
CAT ID# 41641-1 consists of 2 Solenoid V	/aives, 2 reducers, 2 (1/2') hippies, 1(1")
•	
	<u> </u>
CERTII	FICATE OF COMPLIANCE
	ort are correct and this conforms to the requirements of the ASME
Code, Section XI.	at the contest and this comotine to the requirements of the Asiaic
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed Suff Essi	* Relind. Date 7-/ ,20 10
Owner or Owner's E	
Vessel Inspectors and the State or Province of Hartford, CT have inspected the cor	mponents described in this Owner's Report during the period and state that to the best of my knowledge and belief,
Report in accordance with the requirements	·
Report in accordance with the requirements By signing this certificate neither the Inspect	of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and co	of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report.
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and co Furthermore, neither the Inspector nor his en	of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and co Furthermore, neither the Inspector nor his en injury or property damage or a loss of any ki	of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal ind arising from or connected with this inspection.
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and confurthermore, neither the Inspector nor his entire injury or property damage or a loss of any king and the confusion of the content of the content of the confusion of the content of the c	tof the ASME Code, Section XI. Itor nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report. Imployer shall be liable in any manner for any personal ind arising from or connected with this inspection. Commissions 166-1354
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and concerning the examinations are examinations.	of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report. Imployer shall be liable in any manner for any personal ind arising from or connected with this inspection.
Report in accordance with the requirements By signing this certificate neither the Inspect implied, concerning the examinations and confurthermore, neither the Inspector nor his entire injury or property damage or a loss of any king and the confusion of the con	tof the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report. Imployer shall be liable in any manner for any personal ind arising from or connected with this inspection. Commissions



FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner	Exelon	Nuclear			Da	ate <u>5-2</u>	-10			
			Nam	_		01					
•	4300 Win	field Road,				Sr	reet	2	of	2	
_			Addre								
2.	Plant	Plant Byron Nuclear Power Station				Ur	nit <u>02.</u>				
			Nan								
	4450 N. G	erman Chu	<u>ırch Road,</u>	Byron, Il		_ <u>W</u>			<u>)1279020-0</u>		
			Addre	SS			F	Repair Or	ganization, P.C	D. No., Job No.	, etc.
3.	Work Perf	ormed by	Byron Mainter	lechanic: ance	al .	Ty	pe Code	Symbo	l Stamp	Not Applic	cable
			Nan	18		Αι	uthorizatio	on No.	Not Ap	plicable	
	4450 N. G	ierman Chu	irch Road,	Byron, IL		E	piration (Date	Not Appl	cable	
			Addr				•				
4.	Identificati	ion of Syste	m RC	REACTO	R COOLA	NT					
5.	(a) Applic	able Constr	ruction Cod	e - Valves	Sect. III	19 74	Edition	. S76	Addenda.	N-141(1773)	Code Case
-									Addenda,		Code Case
										2001 Ed/20	_
		n XI Code (/A		p				
6.	` <i>'</i>	on of Comp		·		and Re	placemer	nt Comr	onents		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SOLENOID VALVE	VALCOR ENGINEERING	S/N# 44	N/A	2RC014A	1992	REMOVED	YES
SOLENOID VALVE	VALCOR ENGINEERING	S/N# 45	N/A	2RC014C	1992	REMOVED	YES
SOLENOID VALVE	VALCOR ENGINEERING	S/N# 42	N/A	2RC014B	1992	REMOVED	YES
SOLENOID VALVE	VALCOR ENGINEERING	S/N# 52	N/A	2RC014D	1997	REMOVED	YES
SOLENOID VALVE WELDED ASSY	VALCOR ENGINEERING	VLV ASSY SN# 4 2RC014A SN# 7 2RC014C SN# 8	N/A	2RC014A & C UTC #2837690 CAT# 41641-1	2009	INSTALLED	YES
SOLENOID VALVE WELDED ASSY	VALCOR ENGINEERING	VLV ASSY SN# 3 2RC014B SN# 5 2RC014D SN# 6	N/A	2RC014B & D UTC #2039040 CAT# 41641-1	1998	INSTALLED	YES
INSERT 1 X 1/2"	Unidentified	4C3414	N/A	2RC014A	1992	REMOVED	NO
U-B0LT	Unidentified	HT# 8868763	N/A	2RC99012X	1992	REMOVED	МО
U-B0LT	BERGEN - POWER	N/A	N/A	2RC99012X CAT# 42291-1	2007	INSTALLED	NO
PIPE SUPPORT STRAP WELDS	Exelon	N/A	N/A	2RC99013X	1998	REMOVED	NO
PIPE SUPPORT STRAP WELDS	Exelon	N/A	N/A	2RC99013X	2010	INSTALLED	NO
PIPE SUPPORT STRAP WELDS	Exelon	N/A	N/A	2RC99014X	1998	REMOVED	NO
PIPE SUPPORT STRAP WELDS	Exelon	N/A	N/A	2RC99014X	2010	INSTALLED	NO



DOCUMENT NO.:	5 2
DOGGINEITT ITO	V.E



1.	Owner	Exelon Nuclea	T		Date 4-25-10					
	4300 Wir	nfield Road, Wai	Name		Sheet 1		of 1			
	4500 1111		Address		Sileet 1					
2.	Plant	Byron Nuclear		<u> </u>	Unit 02					
	4450 N. (German Church	Name Road: Byron.	IL.	Work Order No.	0132986	4-01			
			Address		Repair Organization, P.O. No., Job No., etc.					
3.	Work Per	formed by S	haw/Stone & V	Vebster	Type Code Symb	ol Stamp	Not Appli	cable		
0.	******		Name		Authorization No.		Applicable			
	36400 S.	Essex Road, W		0481	Expiration Date	Not A	plicable			
		•	Address							
4.	Identifica	tion of System	PRIMARY C	ONTAINMENT	ISOLATION					
5.	(a) Appli	icable Constructi	on Code - Weld	I ASME Sect II	<u>I</u> 19 <u>74</u> Edition, <u>S</u>	S75 Adde	nda.	Code Case		
5.	(a) Appli	icable Constructi	on Code - Penn	ASME Sect II	1 19 74 Edition, 3	376 Adde	nda,	Code Case		
	(b) Appli	icable Edition of	Section XI Used	for Repair/Re	placement Activity	2001	Edition / 2003	Addenda		
6.		ion XI Code Case tion of Compone	` '							
0.	lueritiica									
		1					Corrected.	ASME Code		
		1		National			Removed, or	Stamped		
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)		
Pe	netration# PC-66	Energy Products	802165-5C	N/A	2PC066M	1978	Corrected	No		
<u> </u>		Group						<u> </u>		
		1								
						1				
		+				<u> </u>	<u> </u>	 		
		j				}		1		
						 		1		
						}		 		
						<u> </u>	<u> </u>			
		 				 		 		
		1				<u> </u>	L			
7.	Description	on of Work M	ETAL REMOV	AL OF A DEFF	CT PER EC# 3798	330				
••					<u> </u>					
8.	Test Cond	ducted: Hydro	static	Pneumatic 🔲	Nominal Opera	ating Pres	sure C F	kempt 🛛		
J .	, oge com	Other			•	•		∘F		
		Omer	☐ Pressu		psi Test	. remp		- ⁻ F		

. Re	marks	WO# 01329864-01		
	•••••		Applicable Manufacturer	's Data Reports to be attached
				
				
			CERTIFICATE OF CO	MPLIANCE
I certif	fy that ti	ne statements made i		d this conforms to the requirements of the ASME
	Section >		•	·
уре Со	ode Sym	bol Stamp		Not Applicable
ertifica	ite of Au	thorization No.		Not Applicable
gned		Fert Em	out pela	Date 6-// , 20 10
	,	Owne	or Owner's Designee, Title	

		 -	RTIFICATE OF INSERVI	
		•	<u>-</u>	National Board of Boiler and Pressure
Vess	el Inspe	ctors and the State or	r Province of Illinois	and employed by HSB CT
of _	Hartfor	d, CT have inspect	ed the components describ	bed in this Owner's Report during the period
_4//	17/10	to	$\frac{2}{2}$, and state that to th	e best of my knowledge and belief,
the O	wner ha	as performéd examina	ations and taken corrective	measures described in this Owner's
Repo	ort in acc	cordance with the req	uirements of the ASME Co	de, Section XI.
By sig	gning th	is certificate neither th	he Inspector nor his emplo	yer makes any warranty, expressed or
implie	ed, cond	erning the examination	ons and corrective measure	es described in this Owner's Report.
Furth	iermore.	, neither the Inspector	r nor his employer shall be	liable in any manner for any personal
injury	or prop	erty damage or a los	s of any kind arising from o	or connected with this inspection.
0	Ocera	usu	Commission:	s <u>166.1254</u>
9	Cura	Inspector's Signature	Commission	National Board, State Province, and Endorsements

(Final)



DOCUMENT NO.:	2 A		REV. NO.: 0



	Owner _E	<u>Exelon Nuclea</u>	r		Date 5/3/10			
			Name	_			_	
	4300 Winf	leid Road, Wa			Sheet1		of1	
	5 1		Address					
	Plant _	Syron Nuclear	Power Station Name		Unit <u>02</u>			
	4450 N G	erman Church	Road, Byron, I	ı	Work Order No.	1222152)_ 01	
-	7700 11. 01		Address	<u> </u>			P.O. No., Job	No etc
					, ,	•	•	-
	Work Perfo	•	lyron Mechanic	ai	Type Code Symbo	oi Stamp	Not Appli	icabl e
			faintenance Name		Authorization No.	Not	Applicable	
	4450 N G4	erman Church	Road, Byron, i		Expiration Date		pplicable	
-	1100111.01		Address	<u> </u>	Expiration bate	1101 7	phicanie	
	Identification	on of System	RC - REACT	OR VESSEL			···	
	(a) Annlie	ahle Construct	ion Code ASA	AE Section III	19 71 Edition, S	/73 Add	anda N/A	Code Cas
	(b) Application	able Edition of	Section XI Used	for Repair/Ren	placement Activity:	2001 F	dition/2003 A	
		n XI Code Cas		i iopaii/i iop	nassinsiit Activity.	7001 F	ALLIOITE POOR A	
		on of Compone	` '					
							Corrected,	ASME Code
				National			Removed, or	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Installed	(Yes or No
ac	omponent tor Closure	Manufacturer McINNES	Serial No. HT#214444	No.	Identification 2RC01R	Built 1975	CORRECTED	NO
<u>_S</u>	tud #11	STEEL			2.100111	1070	00111120122	
			ļ				1	
							11	
							 	
			1 1				1 1	
							 	
	Description		ODIFY/TRIM R	EACTOR VESS	SEL CLOSURE ST	UD (HE	AD STUD #11)	
		of Work NATELY 5" PE	MODIFY/TRIM R R EC 379850	EACTOR VESS	SEL CLOSURE ST	UD (HE	AD STUD #11)	
		MATELY 5' PE	R EC 379850	EACTOR VESS	SEL CLOSURE ST			xempt 🛛

9. Remarks WO#133215	2-01	. (6
9. Hemains	Applicable Manufacturer's Data I	Reports to be attached
		
	CERTIFICATE OF COMPLIAN	NCE
I certify that the statements	made in the report are correct and this con	forms to the requirements of the ASME
Code, Section XI.		
ype Code Symbol Stamp	Not App	olicable
Certificate of Authorization No	Not A	pplicable
Signed David Q. Ail	In , RRR COORDINATOR	Date <u>6-29</u> , 20 <u>10</u>
• •	Owner or Owner's Designee, Title	
	CERTIFICATE OF INSERVICE INS	PECTION
•	a valid commission issued by the National	Board of Boiler and Pressure
Vessel Inspectors and the	State or Province of Illinois a	nd employed by HSB CT
of Hartford, CT have	inspected the components described in this	s Owner's Report during the period
4-30-10 to 6.	30.10 , and state that to the best of	my knowledge and belief,
the Owner has performed e	examinations and taken corrective measure	es described in this Owner's
Report in accordance with	the requirements of the ASME Code, Secti	on XI.
	منامحة بمريماهمهم ماطامهم ممغم محموا المطفاعي	e any warranty everegged or
By signing this certificate ne	either the inspector nor his employer make	s arry warranty, expressed or
, , ,	either the inspector nor his employer make aminations and corrective measures descri	• • • •
implied, concerning the exa		bed in this Owner's Report.
implied, concerning the exa Furthermore, neither the In-	aminations and corrective measures descri	bed in this Owner's Report. any manner for any personal
implied, concerning the exa Furthermore, neither the In- injury or property damage of	aminations and corrective measures descri aspector nor his employer shall be liable in a or a loss of any kind arising from or connec Commissions	bed in this Owner's Report. any manner for any personal
implied, concerning the exa Furthermore, neither the In- injury or property damage of Inspector's Signal	aminations and corrective measures descri aspector nor his employer shall be liable in a or a loss of any kind arising from or connec Commissions	bed in this Owner's Report. any manner for any personal sted with this inspection.

(Final



DOCUMENT	'NO.: 2	A				REV. NO	.: 0
	As Re	equired by the		OR REPAIRS OR R			
<u></u>	Exelon Nuclear	Name renville, IL		Date <u>5-5-10</u>		of 1	
,	,	Address Power Station		Sheet 1 Unit 02		011	
_	erman Church	Name Road, Byron, I		Work Order No. 01	335437	'-08	
3. Work Perfo	ormed by B	Address yron Mechanic laintenance	ai	Type Code Symbol		P.O. No., Job No., e	
4450 N G		Name Road, Byron, i	1 61010	Authorization No. Expiration Date		Applicable plicable	
-100 N. G		Address	201010	Expiration Date _	NOT AP	Piicabie	<u></u>
4. Identification	on of System	(RC) Reacto	r coolant				
(b) Applic	able Edition of S	Section XI Used		1974 Edition			Code Caso Addenda
6. Identification	on of Componer	nts					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No
Snubber Control Valve Assy	ITT Grinnell (BOEING)	Snubber S/N: 19	N/A	2RC01BC-A Snubber S/N: 19	1979	Removed	NO
Snubber Control Valve Assy	ITT Grinnell (BOEING)	Snubber S/N: 4	N/A	Cat id:17296 UTC# 2038032	1979	Installed	NO
			7 70				
7. Description	of Work R	EPLACED SNU	BBER CONTI	ROL VALVE ASSEMI	BLY		
					·		
 Test Condu VT-3 	ucted: Hydro Other		Pneumatic 🔲 re	•	•	sure 📙 Ex	empt □ °F

9. F						1
	Remarks	WO# 01335437-08	Applicable Manufactu	irer's Data R	enorts to be attac	hed
(CONTROL	VALVE ASSEMBLY	Y TESTED ON WO# 121		opons to be attac	
<u> </u>	301111101				· · · · · · · · · · · · · · · · · · ·	
_						
_						V==
						· · · · · · · · · · · · · · · · · · ·
			CERTIFICATE OF	COMPLIAN	ICE	
ا مم	etifu that tl	no etatomente made	in the report are correct		_	irements of the ASME
	-		in the report are conect	and this con	iloinis to the requ	Hemenia of the Asivic
-	Section >	•				
•	•	boi Stamp		Not App		
ertifi	cate of Au	thorization No.			pplicable	
gne	d	Swith Cons	orthe RR	lond,	Date	G-Z5, 20 10
		Owne	er or Owner's Designee, Title			
I, tl	he unders	~-	RTIFICATE OF INSE d commission issued by			nd Pressure
		~-	d commission issued by	the National		
•		igned, holding a valid ectors and the State of	d commission issued by	the National	Board of Boiler a	HSB CT
Ve	ssel Inspe	igned, holding a valid ectors and the State of d, CT have inspec	d commission issued by or Province of	the National nols a scribed in thi	Board of Boiler a nd employed by s Owner's Report	HSB CT during the period
Ve of	ssel Inspe Hartfor	igned, holding a valid ectors and the State of d, CT have inspec- to	d commission issued by or Province of IIII cted the components de	the National inois a scribed in thi to the best of	Board of Boiler and employed by s Owner's Reported my knowledge at	HSB CT during the period nd belief,
Ve of the	Hartford 5/0 Owner ha	igned, holding a valid actors and the State of d, CT have inspec- to (/kg// as performed examin	d commission issued by or Province of IIII cted the components despend on a state that the contractions and taken corrections.	the National nois a scribed in thi to the best of	Board of Boiler and employed by s Owner's Report my knowledge are described in the	HSB CT during the period nd belief,
of of the Re	Hartford Solution Owner happort in according	igned, holding a valid ectors and the State of d, CT have inspec- to (A9) as performed examination	d commission issued by or Province of IIII cted the components determined in a state that the correct of the ASME	the National inois a scribed in this to the best of ctive measure Code, Secti	Board of Boiler and employed by s Owner's Reported my knowledge and secribed in the con XI.	HSB CT during the period nd belief, is Owner's
Ve of the Re By	Hartford South	igned, holding a validations and the State of the desired desired in the state of t	d commission issued by or Province of IIII cted the components decomponents decomponents and state that the laspector nor his en	the National incls a scribed in this to the best of ctive measure. Code, Section ployer make	Board of Boiler and employed by so Owner's Report my knowledge are described in the fon XI.	HSB CT during the period and belief, is Owner's expressed or
of the Re By imp	Hartford Hartford Owner happort in accompling the olied, concerns	igned, holding a validation and the State of the description of the state of the st	or Province of IIII cted the components decomponents decomponents and state that the nations and taken correct quirements of the ASME the Inspector nor his entions and corrective means	the National nois a scribed in this to the best of ctive measure Code, Secti nployer make asures descri	Board of Boiler and employed by s Owner's Report my knowledge and ses described in the con XI. The sany warranty, especially and the contract of the contract	HSB CT during the period nd belief, is Owner's expressed or 's Report.
of the Re By imp	Hartford Southern Hartford Owner had port in according the policed, conductive the conductive	igned, holding a valid octors and the State of the control of the	d commission issued by or Province of IIII cted the components decomponents decomponents and state that the nations and taken corrective means and corrective means or nor his employer shall	the National Inols a scribed in this to the best of ctive measure Code, Secti nployer make asures descri	Board of Boiler and employed by so Owner's Report my knowledge are described in the fon XI. Is any warranty, est any manner for any manner for any manner for any manner for any manner for and the control of the cont	HSB CT during the period and belief, is Owner's expressed or expressed
of the Re By imp	Hartford Southern Hartford Owner had port in according the policed, conductive the conductive	igned, holding a valid octors and the State of the control of the	or Province of IIII cted the components described the components described that the nations and taken correct quirements of the ASME the Inspector nor his entions and corrective measure nor his employer shall ass of any kind arising from	the National nois a scribed in this to the best of ctive measure Code, Secti nployer make asures descri be liable in a	Board of Boiler and employed by so Owner's Report my knowledge are described in the fon XI. Is any warranty, est any manner for any manner for any manner for any manner for any manner for and the control of the cont	HSB CT during the period and belief, is Owner's expressed or expressed
Ve of the Re By imp	Hartford Southern Hartford Owner had port in according the policed, conductive the conductive	igned, holding a validations and the State of the description of the state of the s	d commission issued by or Province of IIII cted the components decomponents decomponents and state that the nations and taken corrective means and corrective means or nor his employer shall	the National nois a scribed in this to the best of ctive measure Code, Secti nployer make asures descri be liable in om or connect sions	Board of Boiler and employed by so Owner's Report my knowledge and es described in the fon XI. The sany warranty, estany manner for an extent with this inspection.	during the period and belief, is Owner's expressed or any personal ection.
Ve of the Re By imp	Hartford Southern Hartford Owner had port in according the policed, conductive the conductive	igned, holding a valid octors and the State of the control of the	or Province of IIII cted the components described the components described that the nations and taken correct quirements of the ASME the Inspector nor his entions and corrective measure nor his employer shall ass of any kind arising from	the National nois a scribed in this to the best of ctive measure Code, Secti nployer make asures descri be liable in om or connect sions	Board of Boiler and employed by so Owner's Report my knowledge and es described in the fon XI. The sany warranty, estany manner for an extent with this inspection.	HSB CT during the period and belief, is Owner's expressed or expressed
Ve of the Re By imp	Hartford Owner has port in according the policy conditions or property or property of the policy of the policy or property or	igned, holding a validations and the State of the description of the state of the s	d commission issued by or Province of IIII cted the components despite and state that the nations and taken correct quirements of the ASME the Inspector nor his entions and corrective means or nor his employer shall ass of any kind arising from Commission and c	the National nois a scribed in this to the best of ctive measure Code, Secti nployer make asures descri be liable in om or connect sions	Board of Boiler and employed by so Owner's Report my knowledge and es described in the fon XI. The sany warranty, estany manner for an extent with this inspection.	during the period and belief, is Owner's expressed or any personal ection.

(Final)



DOCUMENT NO.:	4A		REV. NO.: 0
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1. Owner _	Exelon Nuclear			Date <u>5-6-10</u>			
4300 Win	field Road, War	Name renville, IL	•	Sheet 1		of 1	
2. Plant	Byron Nuclear	Address Power Station		Unit 02		· ·	
4450 N. G	ierman Church		Work Order No.	0133543	8-01		
		Address		Repair Orga	nization,	P.O. No., Job No	o., etc.
3. Work Perl	ormed by Byron Mechanical Maintenance			Type Code Symbo	ol Stamp	Not Applica	ble
		Name		Authorization No.		Applicable	
4450 N. G	ierman Church	Road, Byron, I Address	<u> </u>	Expiration Date	Not A	pplicable	
1 Idanbidiaab			D COOL ANT				
	ion of System	RC REACTO					·
(b) Application (c) Section		Section XI Used		19 <u>74_</u> Edition, <u>S.</u> placement Activity:			
3. Identificat	ion of Compone	nts			\\\		
Name of	Name of	Manufacturer	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Name of Component	Name of Manufacturer		Board	Other Identification 2RC01BC H-SG-109	Year Built 1978		Code Stamped
Name of Component	Name of Manufacturer Teledyne	Manufacturer Serial No. Melt No.	Board No.	Identification 2RC01BC	Built	Removed, or Installed	Code Stamped (Yes or No)
Name of Component /ELDED STUDS THREADED	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod. Unidentified	Manufacturer Serial No. Melt No. D5896	Board No. N/A	Identification 2RC01BC H-SG-109	Built 1978	Removed, or Installed REMOVED	Code Stamped (Yes or No) NO
Name of Component VELDED STUDS THREADED STUD (4)	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod.	Manufacturer Serial No. Melt No. D5896 HT# 230113	Board No. N/A	Identification 2RC01BC H-SG-109 CAT ID# 24979-1 2RC01BC	1978 2007	Removed, or Installed REMOVED	Code Stamped (Yes or No) NO
Name of Component /ELDED STUDS THREADED STUD (4) NUTS	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod. Unidentified Nova Machine Prod.	Manufacturer Serial No. Melt No. D5898 HT# 230113 SA-194 Gr. 2H	Board No. N/A N/A	Identification 2RC01BC H-SG-109 CAT ID# 24979-1 2RC01BC H-SG-109	9007 1986	Removed, or Installed REMOVED INSTALLED	Code Stamped (Yes or No) NO NO
Name of Component /ELDED STUDS THREADED STUD (4) NUTS	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod. Unidentified Nova Machine Prod.	Manufacturer Serial No. Meit No. D5896 HT# 230113 SA-194 Gr. 2H HT# 361170	Board No. N/A N/A N/A	Identification 2RC01BC H-SG-109 CAT ID# 24979-1 2RC01BC H-SG-109 CAT ID# 37027-1 2RC01BC	Built 1978 2007 1986 2007	Removed, or Installed REMOVED INSTALLED REMOVED INSTALLED	Code Stamped (Yes or No) NO NO
Name of Component /ELDED STUDS THREADED STUD (4) NUTS	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod. Unidentified Nova Machine Prod.	Manufacturer Serial No. Meit No. D5896 HT# 230113 SA-194 Gr. 2H HT# 361170	Board No. N/A N/A N/A	Identification 2RC01BC H-SG-109 CAT ID# 24979-1 2RC01BC H-SG-109 CAT ID# 37027-1 2RC01BC	Built 1978 2007 1986 2007	Removed, or Installed REMOVED INSTALLED REMOVED INSTALLED	Code Stamped (Yes or No) NO NO
Name of Component /ELDED STUDS THREADED STUD (4) NUTS	Name of Manufacturer Teledyne Brown Eng. Nova Machine Prod. Unidentified Nova Machine Prod.	Manufacturer Serial No. Meit No. D5896 HT# 230113 SA-194 Gr. 2H HT# 361170	Board No. N/A N/A N/A	Identification 2RC01BC H-SG-109 CAT ID# 24979-1 2RC01BC H-SG-109 CAT ID# 37027-1 2RC01BC	Built 1978 2007 1986 2007	Removed, or Installed REMOVED INSTALLED REMOVED INSTALLED	Code Stamped (Yes or No) NO NO

	GENERATOR UP	PER LATERAL	RESTR	AINT, SOU	TH EAS	ST SHIM	PACK PER EC# 38	0019	
8.	Test Conducted:	Hydrostatic		Pneumatic		Nominal	Operating Pressure		Exempt [
	VT-3	Other 🛛	Pressur	е		_psi	Test Temp.		°F

9.	Remarks	WO# 01335438-01	_		
		Applicab	le Manufacturer's L	Data Reports to be atta	iched
					
					
		CER	TIFICATE OF COMP	PLIANCE	
1	certify that th	ne statements made in the re	port are correct and th	is conforms to the require	ments of the ASME
Cod	de, Section X	a.			
	e Code Sym	• • • • • • • • • • • • • • • • • • • •		ot Applicable	
Cer	tificate of Au	thorization No.		Not Applicable	
Sigi	ned	Strot Emil	76	Date <u>7</u>	<u>-/6</u> , 20 <u>10</u>
		Owner or Owne	er's Designee, Title		
		CERTIFIC	ATE OF INSERVICE	INSPECTION	
J	, the undersi	gned, holding a valid comm	ission issued by the Na	itional Board of Boiler and	Pressure
١	/essel Inspe	ctors and the State or Provin	nce ofIllinois	and employed by	HSB CT
•	of Hartford	d, CT have inspected the	components described	in this Owner's Report du	ring the period
	5/5/10	to 2/13/10	, and state that to the b	pest of my knowledge and	belief,
t	he Owner ha	as performed examinations a	and taken corrective mo	easures described in this ()wner's
£	Report in acc	cordance with the requireme	nts of the ASME Code,	, Section XI.	
E	By signing th	is certificate neither the Insp	ector nor his employer	makes any warranty, exp	ressed or
i	mplied, cond	erning the examinations and	d corrective measures	described in this Owner's I	Report.
F	- urthermore,	neither the Inspector nor hi	s employer shall be liat	ole in any manner for any p	personal
i	njury or prop	erty damage or a loss of an	y kind arising from or c	onnected with this inspecti	on.
_	Dama	Whi	Commissions	116-1254	
ي ا	_	Inspector's Signature		National Board, State Provin	ce, and Endorsements
ו	Date:	Men 2 3 , 20 10			



		As Heq	uired by the Pro	Nision s	Of the ASME CO	ae Sect	ion XI			
1.	Owner Exe	ion Nuclear			Date <u>3-17-10</u>					
	4300 Winfield		ame nville, IL		Sheet 1		of 1			
_		Ad	dress							
2.	Plant <u>Byr</u>	on Nuclear Po	ame		Unit <u>02</u>					
	4450 N. Gern		o <mark>ad, Byron, IL</mark> dress		P.O. 00451499 Repair Organization, P.O. No., Job No., etc.					
•	Mada Badaa		•	•						
3.	131 Venture		Technologies, LL	<u>.C </u>	Type Code Symbol Stamp NR / VR Authorization No. 81 / 632					
	Spartanburg		4		Expiration Date	4-9-12	/ 4-3-12			
			dress				÷			
4.	Identification of	of System _	REACTOR COOL	ANT (RY)	<u> </u>		•			
5.	(a) Applicable	e Construction	Code ASME Section VI I lead for F	ection III	_19 <u>71</u> Edition, <u>W</u> placement Activity	/72 Adde	nda, None	Code Case		
	(c) Section X	I Code Case(s) NONE	repaii/neț	Diacement Activity	2001	Edition / 2003	Audenda 		
6.	Identification of	of Components	1							
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
PF	RESSURIZER				CAT ID#		·			
RE	OZZLE TYPE ELIEF VALVE (NOZZLE)	Crosby Valve & Gage Co.	VALVE S/N: N56964-00-0049	N/A	1402762-1 UTC# 2705394	1976	CORRECTED	YES		
		!				•				
7.	Description of	Work <u>VEN</u>	· · · · · · · · · · · · · · · · · · ·	D NOZZL	E TO RETORE SE	AT STE	P & TOP OF FL	ANGE TO		
8.	Test Conducte	•		matic □	Nominal Opera	ting Pres	SUITA T EV	empt 🖾		
J .	, oot oondacte	Other	_		•	_	sale [] Ex	allihr ⊠i		
	. 0	Laborto ! !								

9.	Remarks	P.O. 00451499			· · · · · · · · · · · · · · · · · · ·	
			Applicable M	anufacturer's Da	ta Reports to be attache	ed
		 -				
		······································				
		······································	·····			
	. <u></u>	<u> </u>			<u> </u>	
			OFFICIOA	TE OF COUR	IANOE	
			<u> </u>	TE OF COMP		
	-		de in the report are	correct and this	conforms to the require	ements of the ASME
	le, Section)					
	e Code Sym	· · · · · · · · · · · · · · · · · · ·			Applicable	
		uthorization No.			ot Applicable	
Sigr	ned	Auth	Correcto	RRCo	Date _	3-19 , 20 <u>10</u>
		\bigcirc	wner or Owner's Design	100, Title		
	··.					
		(CERTIFICATE O	F INSERVICE	INSPECTION	
ı	, the unders	igned, holding a v	alid commission is	sued by the Nat	onal Board of Boiler and	i Pressure
. \	essel Inspe	ectors and the Stat	te or Province of	Illinois	and employed by	HSB CT
c	f , Hartfor	d, CT have jns	pected the compor	ents described	n this Owner's Report d	uring the period
4	ANO	to 3/10	and sta	ate that to the be	st of my knowledge and	belief,
7	he Owner h	as performed exa			asures described in this	
			requirements of th			
Ε	By signing th	is certificate neith	er the inspector no	or his employer	nakes any warranty, ex	pressed or
i	mplied, cond	cerning the exami	nations and correc	tive measures d	escribed in this Owner's	Report.
	-	-			e in any manner for any	•
i	njury or prop	perty damage or a	loss of any kind a	rising from or co	nnected with this inspec	tion.
	Alm	Mester	(Commissions	121-1254	
_		Inspector's Signature	•	•	National Board, State Prov	ince, and Endorsements
		Inspector's Signature	•	•	National Board, State Prov	ince, and Endorsements



FORM NVR-1 REPORT OF REPAIR REPLACEMENT OF NUCLEAR PRESSURE RELIEF DEVICES

1. Work performed by:	NWS Techn	ologies, LLC	Purchae	e Order#	45	1499
		oulevard, Spartanburg,				
2. Work performed for:	Exelon Corpora	ation, Byron Nuclear Sta	tion			
		ication of nuclear power man Church Road Byr	•	elon Corpo)	oration,	
5. a: Repaired pressur b: Name of manufac		Pressurizer Safety Va Valve & Gage Co.	ive			
c: Identifying nos.	HB-86-BP	N56964-00-0049	n/a	steam	6"	1976
•	(type)	(mfr's S/N)	(NB#)	(service)	(size)	(yr.built)
d: Construction Coo	le: ASME Section (name/section		W7		n/a de Cases(s))	(Code Class)
6. ASME Code Section	XI applicable fo	r inservice inspection:	20	001	2003	n/a
7. ASME Code Section		•	•	Ition) 001	(addenda) 2003	(Code Case(s)) n/a
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		be)	ition)	(addenda)	(Code Case(s))
8. Construction Code (used for repairs,	replacements:		971	W72	n/a (Code Case(s))
9. Design responsibiliti	es: n/a		D8)	ition)	(addenda)	(0000 0836(3))
10. Opening pressure: Set-pressure adjus		NWS Technologic	es, LLC	using	steam	
		d identifying number of replace		-		R 09-49),
disassembled, ins	pected, cleaned,	machined nozzle to res	tore seat ste	p (CEAR	10-25), lapped	seats,
		assembled. Certified se htness and bellows/gas				
		No parts were replaced		vermed de	ing gaseous ii	iu Ogoii.
12. Nemarks. 1440 11	aveici # 00-200.	CERTIFICATE OF C		E		
I, <u>Cesar V. Sie</u>	rra certify	that to the best of my kn	owledge and	d belief the	statements m	nade in this
report are correct and	the repair, modi	fication or replacement of ode and the National Bo	of the pressu and inspecti	ure reliet d ion Code "	evices describ VR" and "NR"	eg above rules.
National Board Certific		ition No. 632 to t	ise the "VR"	' stamp ex	pires <u>April :</u>	<u>3, 2012.</u>
National Board Certific		ition No. 81 to l	ise the "NR"	stamp ex	pires April 9	9, 2012.
3/17/10 NW	S Technologies Repair Organiza		Authorized repr	resentative	<u>a</u>	A Manager Title
		CERTIFICATE OF I	NSPECTION	N		
I, Charles F. Toegel Jr. holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of North Carolina and employed by Hartford Steam Boiler of CT of Hartford, CT have inspected the repair, modification or replacement described in this report on 17 Mag 2010 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the of the ASME Code and the National Board Inspection Code "VR" and "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning this repair, modification or replacement described in this report. Futhermore, neither the undersigned						
nor my employer sha arising from or conne	li be liable in any	manner for any person	al injury, pro	perty dam	age or loss of	any kind
3/17/10	Thuley	for's Signature	Commissi	162, A, N;	endorsements).	jurisdiction,& no.)
	¥	<u> </u>		m 3/	10/M-82	764

	_					40 0000		
1.	Owner Exe	lon Nuclear	lame		Date 3-11-10		······································	
,	4300 Winfield	l Road, Warre	nviile, IL		Sheet1		of <u>1</u>	
2.	Plant Byr	Ac o n Nuclear P e	idress ower Station		Unit 02			
	 	N	lame					······································
•	4450 N. German Church Road, Byron, IL Address				P.O. 00454346 Repair Or	ganization,	P.O. No., Job No., a	tc.
2	Work Dorlorm				•	•	NPT	
3.	Work Perform	4600 East Tec	ntec h Drive		Type Code Symbol Stamp NPT Authorization No. N-2934			
	Cincinnati, Of		14		Expiration Date	4-9-10		
			Idress				·	
4.	Identification (of System _	Primary Contains	nent Purg	le (// C)		·····	
5.			Code ASME S					Code Case
	(b) Applicable (c) Section X		ection XI Used for F S) NONE	tepair/Hep	placement Activity	2001	Edition / 2003 /	Addenda
6.	Identification (
	·							ASME
	Name of	None of		National	O 11 - 1		Corrected, Removed, or	Code Stamped
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
E	QUALIZING DEVICE		HT# 736366		VALVE CAT ID# 1420998-1			
	VOT SHAFT)	TRENTIC	LOT# 50132266	N/A	UTC#	2008	REMOVED	NO
	7M021-100-7 QUALIZING				0002817047 VALVE CAT ID#			
/DI	DEVICE VOT SHAFT)	TRENTIC	HT# 736366 LOT# 50193576	N/A	1420998-1 UTC#	2010	INSTALLED	NO
PN:	7M021-100-7		201# 30130370		0002817047			
	QUALIZING DEVICE	NOVA	HT# 533740	N/A	VALVE CAT ID# 1420998-1	2008	REMOVED	NO
	(HEAD BOLT) 7M021-100-29	I NOVA	LOT# 50150355	IVA.	UTC# 0002817047	2000	TEMOVED	,,,,
	QUALIZING DEVICE		HT# CR533740		VALVE CAT ID# 1420998-1			
	(HEAD BOLT)	NOVA	LOT# 50194461	N/A	UTC#	2010	INSTALLED	NO
	7M021-100-29 QUALIZING				0002817047 VALVE CAT ID#			_
,	DEVICE HEX NUT)	NOVA	HT# Q9641 LOT# 50150348	N/A	1420998-1 UTC#	2008	REMOVED	NO
PN:	7M021-100-31		2011100010		0002817047			
	QUALIZING DEVICE	NOVA	HT# 990200	N/A	VALVE CAT ID# 1420998-1	2010	INSTALLED	NO
	HEX NUT) 7M021-100-31	NOVA	LOT# 50150357	1071	UTC# 0002817047	2010	MOTALLED	,,,,
		\A/ 1 \	JDOD DEDI 1075	DIV (CT 5				
7.	Description of EQUALIZING D		NDOR REPLACED	PIVOIS	HAFT AND BOLTI	NG ON E	QUALIZING DE	VICE
	•			., .				
8.	Test Conducte	·		matic 🛛	Nominal Opera	•	_	empt
		Other [Pressure	55.00	B_psi Test	Temp	75	°F

9. Rei	marks P.O. 00454346
	Applicable Manufacturer's Data Reports to be attached
	
	ADDED ATT OF COLUMN LAMOR
اللفسات المساسات	CERTIFICATE OF COMPLIANCE
	y that the statements made in the report are correct and this conforms to the requirements of the ASME
	ection XI. de Symbol Stamp Not Applicable
	e of Authorization No. Not Applicable
Signed	Sunt Eposite PR Cond Date 3-17, 20 10
Olgrica	Owner of Owner's Designee, Title
	<u> </u>
*****	CERTIFICATE OF INSERVICE INSPECTION
1 the	undersigned, holding a valid commission issued by the National Board of Boiler and Pressure
	ol Inspectors and the State or Province of Illinois and employed by HSB CT
	lartford, CT have inspected the components described in this Owner's Report during the period
12/1	to 3/12/10 , and state that to the best of my knowledge and belief,
the O	wher has performed examinations and taken corrective measures described in this Owner's
	t in accordance with the requirements of the ASME Code, Section XI.
•	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or
-	d, concerning the examinations and corrective measures described in this Owner's Report.
•	ermore, 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.
-94	Commissions //L-/354
	Inspector's Signature National Board, State Province, and Endorsements
Date:	Majoh 17 , 20 10



ATTACHMENT 5 Repair Specification Page 1 of 2

Purchase Order 00454346 P.O. Rev 0 Date <u>12-14-09</u>

Repair Organization Trentec

The following requirements shall be completed or imposed for the procurement of a "Repair Organization" performing ASME Section XI Repairs/Replacements to ASME components.

1) **Description of Work**

Vendor to refurbish equalizing device (S/N - EQ-2-7M021-6), P.O. Rev (CAT ID# 1420998-1), UTC# 2817047.

Replace Pivot Shaft (Dwg. No. 7M021-100) Piece No. 7)

2) Applicable Repair Code Construction Code: ASME Section III, Class-MC, Subsection NE, 1971 Edition / Winter of 1973 Addenda Repair / Replacement Code: ASME Section XI, Class-MC, 2001 Edition / 2003 Addenda

3) **Program Requirements**

•	•					
	Work shall be performed and accepted by Ex				cate Program reviev	ved
	Work shall be perfor	rmed in acco	ordance with	a National Bo)
⊠	Program reviewed a Work shall be perfor approved by Exelon following additional Completed work sha and	rmed in acco Nuclear As program rec	ordance with sessment and quirements:	a Quality Ass d accepted b	surance Program y the ANII, with the	cation
	ASME Section XI,	2001	Edition	2003	Addenda.	
ASME Section XI, 2001 Edition 2003 Addenda. Special process procedures shall be provided to the site for acceptance priuse.						to

Completed documentation of work shall be submitted to the Repair/Replacement

Examination

Engineer.

None P.O. Rev

> Testina 5)

Leakage Test P.O. Rev





ER-AA-330-009 Revision 5 Page 33 of 39



6) Documentation

P.O. Rev 0 Vendor to suppy:

1. Certificate of Conformance

2. CMTR for Pivot Shaft - Piece No. 7 (to be reviewed by ANI)

ASME NIS-2 Form to be completed by Exelon personnel.



Initial Review:

P.O. Rev	<u>0</u>	Repair / Replacement Engineer: ANII Concurrence:	Sutt Emit	Date: 12 74 0
<u>P.O. Rev</u>		Repair / Replacement Engineer: ANII Concurrence:	·	Date:
P.O. Rev		Repair / Replacement Engineer: ANII Concurrence:	·	Date:
P.O. Rev		Repair / Replacement Engineer: ANII Concurrence:		Date:
P.O. Rev		Repair / Replacement Engineer: ANII Concurrence:		Date:

ER-AA-330-009 Revision 5 Page 34 of 39

ATTACHMENT 5 Repair Specification Page 2 of 2

- Final Acceptance All documentation shall be accepted by the 7) Repair/Replacement Engineer prior to purchase order closeout.
- Remarks 8) Vendor "Trentec" replaced the Pivot Shaft, Hex Head Bolts and Hex Nuts. Vendor supplied the replacement parts and performed a pressure test to verify leakage.

Final Review:

Repair / Replacement Engineer:

ANII Review:

Date: 3-/7-/0

Date: 3/7/N





Ronal Installed

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

	NOT ID EXCES	d One Day's Production	<u> </u>	Pg. 1 of
anufactured and certified by	rentec Division of Cu	rtise-Wright Flow Con	rol Service Co	ιρ.
		Samuel from activities as said in	- Company	•
enufactured for . Exelon	Generating Co. LLC,	4450 North German (Shuren Ra. Byr	on, III. 61010-979
Ruma N	hudeer Station Rom	n lilinole	•	•
position of Installation Byron N	iudear Station Byru	(name and address)		
7M021-100	SA479-304	17.800	NA	200
/pe:	SA479-304	(tende strongth)	(C/84)	(year built)
SME Code, Section til, Division 1	1971	Winter 1973	MC	N/A
null Chab! General tel minimus i	(edition)	(hiddanado desar)	(deed)	ICode Case no NA
ibrigated in eccordance with Con	est. Spec. (Div. 2 only)	NA Revision .	NA NA	Date
Decematic Test f	Pressure @ 55 psi	(mail)		
merks:	Toggala (8 00 ha			
4849		N/A	2.06"	coverall (ft & in.)
om, thickness (in.)154° s				overelf (ft & In.)
Non applicable , Certificate Holde	re' Dets Reports are ettach	ed for each item of this repo	t	
				·
Part or Appurtantance	National	Part or App		National
Serial Number	Board No.	Serial N	3	Board No.
24Mm waturber	in Numerical Great	Owner N		in Numerical Order
		t t	١.	
	■ .	1 1		
(1) EQ-2-7M021-1	,	(20)		
121 EQ-2-7M021-2	,	(26)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3		(20)		
(1) EQ-2-7M021-1 (2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4		(27)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5		(28) (28) (30)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-6		(28) (28) (30) (31)		•
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-6 (7) EQ-2-7M021-7		(27) (28) (28) (30) (31)		•
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-7 (8) EQ-2-7M021-8		(27) (26) (29) (30) (31) (32) (33)		•
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8		(27) (28) (28) (30) (31) (32) (33) (34)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-7 (6) EQ-2-7M021-8 (9) EQ-2-7M021-8		(27) (28) (29) (30) (31) (32) (33) (34) (36)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8 (9) EQ-2-7M021-8		(27) (28) (28) (30) (31) (32) (33) (34)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8 (9) EQ-2-7M021-8		(27) (28) (29) (30) (31) (32) (33) (34) (36)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8 (9) (10) (11) (11) (12) (13) (14) (15) (15) (15) (15) (15) (15) (15) (15		(27) (28) (29) (30) (31) (32) (33) (34) (35) (36)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-7 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8 (9) (9) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		(27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-7 (8) EQ-2-7M021-8 (9) (10) (11) (12) (13) (14) (15) (16) (16) (16) (16) (16) (16) (16) (16		(27) (28) (28) (30) (31) (32) (33) (34) (35) (36) (27) (38) (40)		
(2) EQ-2-7M021-2 (3) EQ-2-7M021-3 (4) EQ-2-7M021-4 (5) EQ-2-7M021-5 (6) EQ-2-7M021-8 (7) EQ-2-7M021-8 (8) EQ-2-7M021-8 (9) 10) 111 112) 113 114) 115 116) 117		(27) (28) (28) (30) (31) (32) (33) (34) (35) (36) (27) (38) (39) (40) (41)		
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FORM N-2 (Back - Pg. 2 of _2__)

	Certificate	Holder's Seriel Nos. <u>EQ-2-/M</u> 0	29-1 through EQ-2-7M021-8				
	. CERTIFICATION OF	DEBIGN					
Deelgn specifications certified by -	Keith T. Kostal (Sargent & Lundy)	P.E. State	Illinois Reg. no. 3537				
Deelgn report* certified by	Timothy A. Geers	P.E. State	Ohio Res no: E-61084				
	CHRITIPICATE OF COL						
•	CENTIFICATE OF CO.	MPLIANUS					
We certify that the statements mad	se in this report are correct and that this (the	Pressure Equalizin	g Devices				
conforms to the rules of construction	on of the ASME Code, Section III, Division 1	•	•				
NPT Certificate of Authorization No	N-2934	Expires	February 13, 2010				
Date 05 27 08 Name	Tranted, Div. of CWFC Service Co	TD. Stored Dreggy	Telmon				
	CERTIFICATE OF IN	рестон	7/				
I, the undersigned, holding a valid of	commission liqued by the National Board of loyed by HSBCT	Soller and Pressure Vessel Inspec	store and the State or Province of				
or Hartford CT have	inspected these items described in this Da	te Report on 5.87-800	and state that to the				
	he Certificate Holder has fabricated these p		nce with the ASME Code, Section				
	III, Division 1. Each part listed hee been authorized for stamping on the date shown above.						
	he inspector nor his employer makes any w either the inspector nor his employer shall be		• • •				
loss of any kind arising from or con		a transfer or out turnamen in gus berr	min which or bioberth couplings of				
5-87-000 Stored	TIMO	Commissions N'BIO	SHUN DAUNC				
Dete Signed	(Authoritied Implector)	Commissions 12.000	L endstandantal and state or prov. and ma.				