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July 2, 2004

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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. STN 50-455

SUBJECT: Byron Station Unit 2 90-Day Inservice Inspection Report for Interval 2, Period 2, Outage 2 (B2R11)

The subject 90-day Inservice Inspection Report for the Byron Station Unit 2, Refueling Outage Eleven (i.e., B2R11) 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, 1989 Edition. The report covers the inservice inspections conducted prior to and during the Unit 2 Spring 2004 refueling outage.

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

Respectfully,

Stephen E. Kuczynski
Site Vice President
Byron Nuclear Generating Station

SEK/TLF/dlcw

Attachment: B2R11 Inservice Inspection Summary Report – Spring 2004 Outage

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector - Byron Station

A047

BYRON
UNIT 2

Exelon SM
Nuclear

B2R11

Spring 2004 Outage

INSERVICE INSPECTION SUMMARY REPORT

For Inspection Activities
from
October 7, 2002
to
April 9, 2004

Commercial Service Date
August 21, 1987

Document Completion Date
June 17, 2004

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BYRON UNIT 2

Exelon Nuclear

B2R11

INSERVICE INSPECTION SUMMARY REPORT

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1.0 INTRODUCTION

Inservice inspections of American Society of Mechanical Engineers (ASME) Class 1, 2, 3, and MC components were conducted at Byron Station Unit 2 from October 7, 2002 through April 9, 2004. The majority of these inspections were performed during the eleventh refueling outage (B2R11) from March 22 through April 9, 2004. The examinations were performed in compliance with the rules and regulations of ASME Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plant Components," (applicable edition and addenda), pursuant to the requirements of 10 CFR 50.55a, "Codes and Standards." This summary report meets the requirements of ASME Code, IWA-6000 for the inspection of Class 1 and 2 components and piping. This report also includes inspection results of components for Class 3, MC, and Augmented Programs. See Section 3.0 for a listing of referenced documents.

The Nondestructive Examination (NDE) Inservice Inspection (ISI) Program Plan for Class 1, 2, and 3 components was developed in accordance with the requirements and intent of Section XI Subsections IWA, IWB, IWC, IWD, and IWF, 1989 Edition, No Addenda, and Subsections IWA and IWE, 1998 Edition, No Addenda for Class MC components. In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission (NRC) augmented ISI inspections were required. The Byron Station Unit 2 augmented ISI examination requirements include:

a) High-energy lines in accordance with NUREG 0800, "Standard Review Plan";

b) Class 1 pressure boundary for leakage at nominal operating pressure, in accordance with NRC Generic Letter 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants";

c) Class 2 and 3 pressure boundary for leakage at nominal operating pressure, in accordance with NUREG 0737, "Clarification of TMI Action Plan Requirements";

d) Examination of RCP Flywheels in accordance with Regulatory Guide 1.14.

Note: 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.

1.1 Identification of Examination Requirements

The ISI Program contains the NDE program tables. These tables are presented in a tabular format consistent with the tables found in Subsections IWB, IWC, IWD, IWE, and IWF-2500 of the ASME Code. The NDE tables include the corresponding code category, item number, and component/weld selection in conformance with examination requirements and intent of Subsection IWA, IWB, IWC, IWD, IWE, and

IWF of Section XI of the ASME Code. Program notes, relief requests, and additional information are identified in the "remarks" column.

For Class 1 and 2 piping, the requirements of Risk Informed Inservice Inspection (RI-ISI) are followed using Table 1 of ASME Code Case N-578-1, and EPRI Topical Report TR112657 Revision B-A, "Revised Risk-Informed Inservice Inspection Procedure." This alternate selection and examination method was approved for use with Byron Station's Request for Relief I2R-40 and was incorporated into the program plan (currently Revision 5, dated February 7, 2004). This request was granted by a Safety Evaluation (SER) dated February 5, 2002.

1.2 Identification of Exempted components

ASME Class 1, 2, and 3 components, or parts of components, that are not included in the NDE tables and that are exempt from examination, as specified in Section XI Paragraphs IWB, IWC, and IWD-1200, "Components Exempt from Examination," and Table 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 establishment of 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 required to be subject to examination.

1.3 Implementation of the ISI Program

Exelon Nuclear, or its designee, visually examined ASME components utilizing the following test methods: 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.

Certified personnel performed and evaluated visual examinations (i.e., VT-1, VT-2, and VT-3) of Class 1, 2, and 3 components and supports. Exelon Nuclear personnel certification procedures comply with the requirements of ANSI/ASNT CP-189, 1991 Edition and ASNT SNT-TC-1A, 1984 Edition.

Certified personnel performed and evaluated all NDE. Personnel were certified to the requirements of the ASNT SNT-TC-1A, 1984 Edition. Additionally, ultrasonic examiners were certified in accordance with ANSI/ASNT CP-189, 1991 Revision. The NDE procedures were developed and certified in conformance with ASME Section V and XI, 1989 Edition, and the 1995 Edition with the 1996 Addenda as applicable.

All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Subarticle IWA-2200

"Examination Methods." 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.

All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Subarticle IWA-2200 "Examination Methods."

1.4 Witness and Verification of Examination

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

2.0 EXAMINATION SUMMARIES

The following section contains summaries of examinations performed during the refueling outage. Refer to each summary table for additional information or for specific tests and examinations conducted during this term.

2.1 Welds & Components Summary

COMPONENT / SYSTEM BASIC DESCRIPTION	PIPING AND PUMPS							VESSEL WELDS							BOLTING / STUDS			INTERIOR SURFACES
	PRESSURE RETAINING WELDS			ATTACHMENTS	AUGMENTED HELB* ECCS** FLYWHEELS			GIRTH AND LONGITUDINAL	NOZZLES AND SAFE-ENDS		NOZZLE INNER RADIUS		ATTACHMENTS	INDICATION RESIZE				
EXAMINATION METHOD SURFACE, VOLUMETRIC, VISUAL	SUR	VOL	VT	SUR	SUR	VOL	VT	VOL	SUR	VOL	VOL	VIS	SUR	VOL	SUR	VOL	VT	VT
CS-Containment Spray		6																
CV-Chem. & Vol. Control		1	13	1			1											
FW-Feedwater		9				2												
MS-Main Steam						5												
RY-Pressurizer Piping			4														2	1
PZR-Pressurizer Vessel								2		2	2		1					
RC-Reactor Coolant		3	43		1												2	
RPV-RX Pressure Vessel									3								2	2
RH-Res. Heat Removal													1					
SD-St. Gen. Blowdown																		
SG-Steam Generators								1	1	1		4					4	
SI-Safety Injection		9	7	1		2												
SX-Essential Ser. Water				1														
EXAM TYPE TOTAL		28	67	3	1	9	1	3	4	3	2	4	2				10	3
COMPONENT/EXAM TOTAL	109							18							10			
OUTAGE EXAM TOTAL	140																	

*HELB: High Energy Line Break examinations per NUREG 0800.
**ECCS: Emergency Core Cooling System examination per NRC IN 79-19.

2.2 System Pressure Test Summary

EXAMINATION AREA	LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC
Class 1 Vessel Pressure Retaining Boundary	6			
Class 1 Piping, Pressure Retaining Boundary	1			
Class 1 Pumps, Pressure Retaining Boundary	4			
Class 1 Valves, Pressure Retaining Boundary	1			
Class 2 Vessel Pressure Retaining Boundary		4	10	
Class 2 Piping, Pressure Retaining Boundary		21	15	11
Class 2 Pumps, Pressure Retaining Boundary		6	3	
Class 2 Valves, Pressure Retaining Boundary		21	15	11
TOTALS	**12**	**52**	**43**	**22**

2.3 Containment Examination Summary

EXAMINATION ITEM* / AREA	COMMENTS
E1.11 Containment Liner	100% of Accessible Surfaces Examined
E1.30 Moisture Barrier	100% Examined
E4.12 Visible Surfaces	2 Square Feet of Surface UT Examined

*Examination item number from Table IWE 2500-1

2.4 Component Support Examination Summary

SYSTEM EXAMINED	CLASS	VT-3
CS-Containment Spray	2	3
CV-Chemical & Volume Control	1	11
FW-Feedwater	2	4
MS-Main Steam	2	1
RC-Reactor Coolant	1	3
RH-Residual Heat Removal	1	1
	2	5
RY- Pressurizer Surge and Piping	1	3
SI-Safety Injection	1	13
	2	6
SX-Essential Service Water	2	7
	TOTAL	57

2.5 Component Snubber Test Summary

SYSTEM EXAMINED	VT-3 EXAMINED	FUNCTIONAL TEST
CS-Containment Spray	6	1
CV-Chemical & Volume Control	45	11
FW-Feedwater	24	4
MS-Main Steam	20	-
RC-Reactor Coolant	53	8
RH-Residual Heat Removal	18	-
RY-Pressurizer Surge and Piping	24	3
SD-Steam Generator Blowdown	14	2
SI-Safety Injection	23	3
TOTALS	227	32

2.6 Repair/Replacement Summary

A total of 64 ASME Form NIS-2, "Owners Report for Repairs or Replacements," were filed during Byron Station Unit 2 Cycle 11. The following is a system summary of NIS-2's generated:

SYSTEM	TOTAL NIS-2 FORMS	NUMBER OF PAGES
AB-Boric Acid	1	1
CS-Containment Spray	1	1
CV-Chemical Volume Control	11	11
DG-Diesel Generator	3	3
DO-Diesel Fuel Oil	2	2
FW-Main Feedwater	1	1
MS-Main Steam	1	2
RC-Reactor Coolant	19	24
RH-Residual Heat Removal	3	3
RY-Pressurizer and Pressurizer Piping	1	1
SA-Service Air	4	4
SD-Steam Generator Blowdown	2	2
SI-Safety Injection	1	1
SX-Essential Service Water	10	11
VA-Auxiliary Building Ventilation	1	1
WO-Chilled Water	3	3
TOTAL	**64**	**71**

3.0 REFERENCED DOCUMENTS

3.1 Code of Federal Regulations, Title 10 "Energy"

Part 50, "Domestic Licensing of Production and Utilization Facilities"

50.55a, "Codes and Standards"

3.2 American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code

Section V, "Nondestructive Examination," 1989 Edition, No Addenda,

Section V, "Nondestructive Examination," 1995 Edition, with the 1996 Addenda,

Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," 1989 Edition, No Addenda,

Division 1 Rules for Inspection and Testing of Components of Light-Water Cooled Plants

- Subsection IWA: "General Requirements"
  - Article IWA-2000: "Examination and Inspection"
  - Article IWA-4000: "Repair Procedures"
  - Article IWA-6000: "Records and Reports"
  - Article IWA-7000: "Replacement"
- Subsection IWB: "Requirements for Class 1 Components of Light-Water Cooled Plants"
  - Article IWB-1000: "Scope and Responsibility"
  - Article IWB-2000: "Examination and Inspection"
    - Table IWB-2500-1: "Examination Categories"
- Subsection IWC: "Requirements for Class 2 Components of Light-Water Cooled Plants"
  - Article IWC-1000: "Scope and Responsibility"
  - Article IWC-2000: "Examination and Inspection"
    - Table IWC-2500-1: "Examination Categories"
- Subsection IWD: "Requirements for Class 3 Components of Light-Water Cooled Plants"
  - Article IWD-1000: "Scope and Responsibility"
  - Article IWD-2000: "Examination and Inspection"
    - Table IWD-2500-1: "Test and Examination Categories"
- Subsection IWF: "Requirements for Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Plants"
  - Article IWF-2000: "Examination and Inspection"
    - Table IWF-2500-1: "Examination Categories"
- Mandatory Appendices
  - Appendix II: "Owner's Report for Inservice Inspections" (Forms NIS-1 and NIS-2)

3.2 ASME Boiler and Pressure Vessel Code (cont'd)

Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," 1995 Edition, 1996 Addenda,

Division 1 Rules for Inspection and Testing of Components of Light-Water Cooled Plants

Mandatory Appendices

Appendix VIII: "Performance Demonstration For Ultrasonic Examination Systems"

Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components", 1998 Edition, No Addenda,

Division 1 Rules for Inspection and Testing of Components of Light-Water Cooled Plants

Subsection IWE, "Requirements for Class MC and Metallic Liners of Class CC Components of Light-Water Cooled Plants"

Article IWE-2000, "Examination and Inspection"
Table IWE-2500-1, "Examination Categories"

Cases of ASME Boiler and Pressure Vessel Code

Case N-578-1 "Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B, Section XI, Division 1"

Case N-619 "Alternative Requirements for Nozzle Inner Radius Inspections for Class 1 Pressurizer and Steam Generator Nozzles"

3.3 American National Standards Institute / American Society for Nondestructive Testing

ANSI/ASNT CP-189, 1991 Edition, "Standard for Qualification and Certification of Nondestructive Testing Personnel"

3.4 American Society for Nondestructive Testing

ASNT Recommended Practice No. SNT-TC-1A, 1984 Edition, "Personnel Qualification and Certification in Nondestructive Testing"

3.5 Miscellaneous NRC Documents

NUREG-0800, Section 3.6.1, "Plant Design for Protection Against Postulated Piping Failures in Fluid Systems Outside Containment"

Approval of Relief Request I2R-40 for Application of Risk-Informed Inservice Inspection Program as an Alternative to the ASME Boiler and Pressure Vessel Code Section XI Requirements for Class 1 and 2 Piping Welds for Byron Station, Units 1 and 2 (TAO NOS. MB0567 AND MB0568)

3.5 Miscellaneous NRC Documents (cont'd)

Safety Evaluation by the Office of Nuclear Reactor Regulation, Risk Informed Inservice Inspection Program Relief Request, Exelon Generation Company, Byron Station Units 1 and 2, Docket Nos. STN 50-454 and STN 50-455

Information Notice 79-19, "Pipe Cracks in Stagnant Borated Water Systems at PWR Plants"

Exelon

Byron Unit 2
B2R11

Welds / Components

OUTAGE INSPECTION SUMMARY

SYSTEM: Containment Spray (CS) | INTERVAL: Second | PERIOD: Second

OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-072	R-A 4	R1.20	2CS-03	2CS01AA-16"	C06		X		No Recordable Indications.
11-074	R-A 4	R1.20	2CS-03	2CS01AA-16"	C26		X		No Recordable Indications.
11-068	R-A 4	R1.20	2CS-01	2CS02AA-10"	C02		X		No Recordable Indications.
11-069	R-A 4	R1.20	2CS-01	2CS02AA-10"	C03		X		No Recordable Indications.
11-070	R-A 4	R1.20	2CS-01	2CS02AA-10"	C06		X		No Recordable Indications.
11-071	R-A 4	R1.20	2CS-01	2CS02AA-10"	C12		X		No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM:					INTERVAL:	PERIOD:			
Chemical Volume Control (CV)					Second	Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-076	C-C	C3.30	2RHP-1	2CV-01-PA	CVPE-1	X		X	NRI. Ref: I2R-06.
11-075	R-A 4	R1.20	2CV-17	2CVA1A-6"	C01		X		No Recordable Indications.
11-005	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-70			X	No Recordable Indications.
11-006	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-71			X	No Recordable Indications.
11-007	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-72			X	No Recordable Indications.
11-008	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-73			X	No Recordable Indications.
11-009	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-80			X	No Recordable Indications.
11-010	R-A 5	R1.11	2CV-05	2CVA3B-2"	W-81			X	No Recordable Indications.
11-011	R-A 5	R1.11	2CV-08	2CVA5AA-2"	W-06			X	No Recordable Indications.
11-012	R-A 5	R1.11	2CV-08	2CVA5AA-2"	W-07			X	No Recordable Indications.
11-013	R-A 5	R1.11	2CV-11	2CVA6AA-2"	W-04			X	No Recordable Indications.
11-014	R-A 5	R1.11	2CV-11	2CVA6AA-2"	W-05			X	No Recordable Indications.
11-050	R-A 5	R1.11	2RC-37	2CVA7AA-2"	W-06			X	No Recordable Indications.
11-051	R-A 5	R1.11	2RC-37	2CVA7AA-2"	W-07			X	No Recordable Indications.
11-052	R-A 5	R1.11	2RC-37	2CVA7AA-2"	W-08			X	No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM: Feedwater (FW) | INTERVAL: Second | PERIOD: Second

OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-094	AUG	HELB	2FW-05	2FW81BB-6"	C05		X		No Recordable Indications.
11-095	AUG	HELB	2FW-05	2FW81BB-6"	C06		X		No Recordable Indications.
11-096	R-A 3	R1.11	2FW-05	2FW81BB-6"	C07		X		No Recordable Indications.
11-097	R-A 3	R1.11	2FW-05	2FW87CB-6"	C01		X		No Recordable Indications.
11-098	R-A 3	R1.11	2FW-05	2FW87CB-6"	C02		X		No Recordable Indications.
11-099	R-A 3	R1.11	2FW-05	2FW87CB-6"	C03		X		No Recordable Indications.
11-100	R-A 3	R1.11	2FW-06	2FW87CB-6"	C29		X		No Recordable Indications.
11-101	R-A 3	R1.11	2FW-06	2FW87CB-6"	C30		X		No Recordable Indications.
11-102	R-A 3	R1.11	2FW-07	2FW87CC-6"	C32		X		No Recordable Indications.
11-103	R-A 3	R1.11	2FW-07	2FW87CC-6"	C33		X		No Recordable Indications.
11-104	R-A 3	R1.11	2FW-07	2FW87CC-6"	C34		X		Root geometry 360°, acceptable.

OUTAGE INSPECTION SUMMARY

SYSTEM:				INTERVAL:	PERIOD:				
Main Steam (MS)				Second	Second				
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-150	AUG	HELB	2MS-04	2MS01BA-30¼"	C01		X		No Recordable Indications.
11-151	AUG	HELB	2MS-04	2MS01BA-30¼"	C04		X		No Recordable Indications.
11-152	AUG	HELB	2MS-04	2MS01BA-30¼"	C07		X		No Recordable Indications.
11-144	AUG	HELB	2MS-02	2MS01BD-30¼"	C11		X		No Recordable Indications.
11-154	AUG	HELB	2MS-04	2MS07AA-28"	C01		X		No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressurizer Surge (RY) | INTERVAL: Second | PERIOD: Second

OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
-	B-G-2	B7.50	2RC-32	2RY03BC-6"	FLG 1-12			X	No Recordable Indications. Baseline exam of replacement.
11-001	R-A 2	R1.11	2CV-02	2RY18A-2"	W-01			X	No Recordable Indications.
11-002	R-A 2	R1.11	2CV-02	2RY18A-2"	W-02			X	No Recordable Indications.
11-003	R-A 2	R1.11	2CV-02	2RY18A-2"	W-03			X	No Recordable Indications.
11-004	R-A 2	R1.11	2CV-02	2RY18A-2"	W-04			X	No Recordable Indications.
11-183	B-M-2	B12.50	2RC-32	2RY8010C	INT			X	No Recordable Indications.
-	B-G-2	B7.50	2RC-32	2RY8010C"	BLT 1-8			X	No Recordable Indications. Baseline exam of replacement.

OUTAGE INSPECTION SUMMARY

SYSTEM:					INTERVAL:			PERIOD:	
Pressurizer Vessel (PZR)					Second			Second	
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-167	B-B	B2.11	2PZR-1	2RY-01-S	PC-01		X		No Recordable Indications.
11-168	B-B	B2.12	2PZR-1	2RY-01-S	PL-01		X		No Recordable Indications.
11-169	B-D	B3.110	2PZR-1	2RY-01-S	PN-02		X		NRI. Ref: I2R-23
11-171	B-D	B3.120	2PZR-1	2RY-01-S	PN-02IR		X		No Recordable Indications.
11-172	B-D	B3.110	2PZR-1	2RY-01-S	PN-04		X		NRI. Ref: I2R-23
11-174	B-D	B3.120	2PZR-1	2RY-01-S	PN-04IR		X		No Recordable Indications.
11-175	B-K	B10.10	2PZR-1	2RY-01-S	PS-01	X			No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM:					INTERVAL:	PERIOD:			
Reactor Coolant (RC)					Second	Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	VOL	VIS	NOTES
11-015	R-A 4	R1.20	2RC-01	2RC01AA-29"	J06			X	No Recordable Indications.
11-176	R-A 4	R1.20	2RC-02	2RC02AB-31"	J02		X		No Recordable Indications.
11-177	R-A 4	R1.20	2RC-02	2RC02AB-31"	J03		X		No Recordable Indications.
11-178	R-A 4	R1.20	2RC-02	2RC02AB-31"	J07		X		No Recordable Indications.
11-016	R-A 4	R1.20	2RC-01	2RC03AA-27½"	J02A			X	No Recordable Indications.
11-017	R-A 4	R1.20	2RC-01	2RC03AA-27½"	J04			X	No Recordable Indications.
11-026	R-A 4	R1.20	2RC-30	2RC13AA-2"	W-01			X	No Recordable Indications.
11-027	R-A 4	R1.20	2RC-30	2RC13AA-2"	W-02			X	No Recordable Indications.
11-028	R-A 4	R1.20	2RC-30	2RC13AA-2"	W-03			X	No Recordable Indications.
11-029	R-A 4	R1.20	2RC-30	2RC13AA-2"	W-04			X	No Recordable Indications.
11-030	R-A 4	R1.20	2RC-30	2RC13AA-2"	W-05			X	No Recordable Indications.
11-031	R-A 4	R1.20	2RC-30	2RC13AB-2"	W-01			X	No Recordable Indications.
11-032	R-A 4	R1.20	2RC-30	2RC13AC-2"	W-01			X	No Recordable Indications.
11-033	R-A 4	R1.20	2RC-30	2RC13AD-2"	W-01			X	No Recordable Indications.
11-036	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-01			X	No Recordable Indications.
11-037	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-01A			X	No Recordable Indications.
11-038	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-01B			X	No Recordable Indications.
11-039	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-01C			X	No Recordable Indications.
11-040	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-02			X	No Recordable Indications.
11-041	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-03			X	No Recordable Indications.
11-042	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-04			X	No Recordable Indications.
11-043	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-05			X	No Recordable Indications.
11-044	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-06			X	No Recordable Indications.
11-045	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-07			X	No Recordable Indications.
11-046	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-08			X	No Recordable Indications.
11-047	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-09			X	No Recordable Indications.
11-048	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-10			X	No Recordable Indications.
11-049	R-A 2	R1.11	2RC-36	2RC14AA-2"	W-11			X	No Recordable Indications.
11-053	R-A 2	R1.11	2RC-41	2RC16AA-2"	W-03			X	No Recordable Indications.
11-054	R-A 2	R1.11	2RC-41	2RC16AA-2"	W-04			X	No Recordable Indications.
11-055	R-A 2	R1.11	2RC-41	2RC16AA-2"	W-05			X	No Recordable Indications.
11-056	R-A 2	R1.11	2RC-41	2RC16AA-2"	W-06			X	No Recordable Indications.
11-057	R-A 2	R1.11	2RC-41	2RC16AA-2"	W-07			X	No Recordable Indications.
11-058	R-A 2	R1.11	2RC-41	2RC16AB-2"	W-04			X	No Recordable Indications.
11-059	R-A 2	R1.11	2RC-41	2RC16AB-2"	W-05			X	No Recordable Indications.
11-024	R-A 4	R1.20	2RC-29	2RC16AC-2"	W-08			X	No Recordable Indications.
11-025	R-A 4	R1.20	2RC-29	2RC16AD-2"	W-01			X	No Recordable Indications.
11-182	B-G-2	B7.50	2RC-23	2RC22AA-1½"	FLG 1-4			X	No Recordable Indications.
11-020	R-A 4	R1.20	2RC-27	2RC22AA-1½"	W-01			X	No Recordable Indications.
11-021	R-A 4	R1.20	2RC-27	2RC22AA-1½"	W-05			X	No Recordable Indications.
11-022	R-A 4	R1.20	2RC-27	2RC22AC-1½"	W-01			X	No Recordable Indications.
11-023	R-A 4	R1.20	2RC-27	2RC22AC-1½"	W-06			X	No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM:				INTERVAL:		PERIOD:			
Reactor Coolant (cont'd)				Second		Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-181	B-G-2	B7.50	2RC-20	2RC22AD-1½"	FLG 1-4			X	No Recordable Indications.
11-018	R-A 4	R1.20	2RC-20	2RC22AD-1½"	W-01			X	No Recordable Indications.
11-019	R-A 4	R1.20	2RC-20	2RC22AD-1½"	W-08			X	No Recordable Indications.
11-034	R-A 4	R1.20	2RC-31	2RC26A-2"	W-01			X	No Recordable Indications.
11-035	R-A 4	R1.20	2RC-31	2RC26A-2"	W-02			X	No Recordable Indications.
11-067	R-A 2	R1.11	2SI-31	2RC30AA-1½"	W-01			X	No Recordable Indications.
11-204	AUG	RG1.14	2RCP-1	2RC-01-PA	Flywheel	X			No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM:				INTERVAL:		PERIOD:			
Reactor Pressure Vessel (RPV)				Second		Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-184	B-O	B14.10	2RPV-1	2RC-01-R	H53	X			No Recordable Indications.
11-185	B-O	B14.10	2RPV-1	2RC-01-R	H60	X			No Recordable Indications.
11-186	B-O	B14.10	2RPV-1	2RC-01-R	H64	X			No Recordable Indications.
11-187	B-N-1	B13.10	2RPV-1	2RC-01-R	HEAD			X	No Recordable Indications.
11-188	B-N-1	B13.10	2RPV-1	2RC-01-R	INT			X	No Recordable Indications.
11-189	B-G-1	B6.50	2RPV-1	2RC-01-R	W-01thruW-54			X	No Recordable Indications.
-	B-G-1	B6.170	2RPV-3	2RC-01-R	CETC NUTS 1-5			X	No Recordable Indications. Baseline exam of replacement.

OUTAGE INSPECTION SUMMARY

SYSTEM:					INTERVAL:				PERIOD:
Residual Heat Removal (RH)					Second				Second
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-077	C-C	C3.10	2RHX-1	2RH-02-AA	RHES-01	X			No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM: Safety Injection (SI) INTERVAL: Second PERIOD: Second

OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
11-080	R-A 4	R1.20	2SI-35	2SI01B-24"	C35		X		I.D. Geometry 360° Intermittent. Ir
11-081	R-A 4	R1.20	2SI-35	2SI01B-24"	C36		X		No Recordable Indications.
11-082	R-A 4	R1.20	2SI-35	2SI01B-24"	C37		X		No Recordable Indications.
11-083	R-A 4	R1.20	2SI-35	2SI02A-8"	C03		X		No Recordable Indications.
11-078	R-A 4	R1.20	2SI-24	2SI06BA-24"	C05		X		No Recordable Indications.
11-079	R-A 4	R1.20	2SI-24	2SI06BB-24"	C28		X		No Recordable Indications.
11-060	R-A 5	R1.11	2SI-19	2SI08HA-2"	W-05			X	No Recordable Indications.
11-061	R-A 5	R1.11	2SI-19	2SI08HA-2"	W-06			X	No Recordable Indications.
11-062	R-A 5	R1.11	2SI-19	2SI08JA-1½"	W-01			X	No Recordable Indications.
11-063	R-A 5	R1.11	2SI-19	2SI08JA-1½"	W-02			X	No Recordable Indications.
11-064	R-A 5	R1.11	2SI-19	2SI08JA-1½"	W-03			X	No Recordable Indications.
11-065	R-A 5	R1.11	2SI-19	2SI08JA-1½"	W-07			X	No Recordable Indications.
11-066	R-A 5	R1.11	2SI-19	2SI08JA-1½"	W-10			X	No Recordable Indications.
11-203	B-K	B10.20	2SI-31	2SI08JA-1½"	W-16	X			No Recordable Indications.
11-198	AUG	ECCS	2SI-01	2SI09BA-10"	J15		X		No Recordable Indications.
11-199	AUG	ECCS	2SI-01	2SI09BA-10"	J17		X		No Recordable Indications.
11-200	R-A 5	R1.16	2SI-01	2SI09BA-10"	J25		X		No Recordable Indications.
11-201	R-A 5	R1.16	2SI-01	2SI09BA-10"	J26		X		No Recordable Indications.
11-202	R-A 5	R1.16	2SI-01	2SI09BA-10"	J27		X		No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM: Steam Generators (SG) | INTERVAL: Second | PERIOD: Second

OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	EXAM TYPE VOL	EXAM TYPE VIS	NOTES
-	B-G-2	B7.30	2SG-01	2RC-01-BA	BLT 1-32			X	No Recordable Indications. Baseline exam of replacement.
11-190	C-A	C1.20	2SG-01	2RC-01-BA	SGC-08		X		No Recordable Indications.
11-191	C-B	C2.21	2SG-01	2RC-01-BA	SGN-13	X	X		No Recordable Indications.
-	B-G-2	B7.30	2SG-03	2RC-01-BB	BLT 1-32			X	No Recordable Indications. Baseline exam of replacement.
11-194	B-D	B3.140	2SG-03	2RC-01-BB	N-1A			X	NRI. VT per N-619.
11-195	B-D	B3.140	2SG-03	2RC-01-BB	N-1B			X	NRI. VT per N-619.
-	B-G-2	B7.30	2SG-02	2RC-01-BC	BLT 1-32			X	No Recordable Indications. Baseline exam of replacement.
11-192	B-D	B3.140	2SG-02	2RC-01-BC	N-1A			X	NRI. VT per N-619.
11-193	B-D	B3.140	2SG-02	2RC-01-BC	N-1B			X	NRI. VT per N-619.
-	B-G-2	B7.30	2SG-04	2RC-01-BD	BLT 1-32			X	No Recordable Indications. Baseline exam of replacement.

OUTAGE INSPECTION SUMMARY

SYSTEM:				INTERVAL:		PERIOD:			
Essential Service Water (SX)				Second		Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE SUR	VOL	VIS	NOTES
11-084	C-C	C3.20	2SX-04	2SX06BB-16"	C01A	X			NRI. Ref: I2R-22.

OBS #	COMPONENT LINE/VESSEL#	COMPONENT NUMBER	CODE ITEM	EXAM TYPE	OBSTRUCTION	% CRV	RELIEF REQUEST	REPORT #	COMMENTS
11-076	2CV-01-PA	CVPE-1	C3.30	PT VT1	Attachment location, and adjacent support column configuration.	74.0%	I2R-06	2004-054 2004-056	No Recorable Indications.
11-167	2RY-01-S	PC-01	B2.11	UT	Adjacent lower head and welded insulation pads limits access.	92.0%	-	2004-104	No Recordable Indications.
11-169	2RY-01-S	PN-02	B3.110	UT	Nozzle-to-shell configuration	62.3%	I2R-23	2004-087	No Recordable Indications.
11-172	2RY-01-S	PN-04	B3.110	UT	Nozzle-to-shell configuration	62.3%	I2R-23	2004-087	No Recordable Indications.
11-191	2RC-01-BA	SGN-13	C2.21	UT	Nozzle-to-shell configuration and adjacent insulation ring	93.4%	-	2004-084	No Recordable Indications.

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressure Tests, All Systems		INTERVAL: Second		PERIOD: Second		
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
CLASS 1 COMPONENTS						
B15.10	Reactor Vessel Pressure Retaining Boundary					
	2RC01R	X				1
B15.20	Pressurizer Pressure Retaining Boundary					
	2RY01S	X				1
B15.30	Steam Generator Pressure Retaining Boundary					
	2RC01BA	X				1
	2RC01BB	X				1
	2RC01BC	X				1
	2RC01BD	X				1
B15.50	Class 1 Piping Pressure Retaining Boundary					
	Piping	X				1
B15.60	Class 1 Pumps Pressure Retaining Boundary					
	2RC01PA	X				1
	2RC01PB	X				1
	2RC01PC	X				1
	2RC01PD	X				1
B15.70	Class 1 Valves Pressure Retaining Boundary					
	Valves	X				1
CLASS 2 COMPONENTS						
C2.33	Nozzle-to-Shell (or Head) When Inside of Vessel is Inaccessible					
	Residual Heat Removal:					
	2RH02AA RH-2-1		X			
	2RH02AB RH-2-2		X			
C7.10	Pressure Vessels Pressure Retaining Components					
	Chemical & Volume Control:					
	2CV02F CV-2-4			X		
	2CV02A CV-2-4			X		
	2CV01FA CV-2-5			X		
	2CV01FB CV-2-5			X		
	2CV04AA CV-2-5			X		
	2CV04AB CV-2-5			X		
	2CV01T CV-2-5			X		
	2CV05A CV-2-5			X		
	2CV03AA CV-2-6			X		
	2CV03AB CV-2-6			X		
	Residual Heat Removal:					
	2RH02AA RH-2-1		X			
	2RH02AB RH-2-2		X			

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressure Tests, All Systems		INTERVAL: Second	PERIOD: Second			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
CLASS 2 COMPONENTS						
C7.30	Piping, Pressure Retaining Boundary					
	Auxiliary Feedwater:					
	AF-2-1		X			
	AF-2-2		X			
	Containment Spray:					
	CS-2-1		X			
	CS-2-2		X			
	Chemical & Volume Control:					
	CV-2-1			X		
	CV-2-2			X		
	CV-2-3			X		3
	CV-2-4			X		
	CV-2-5			X		
	CV-2-6			X		
	CV-2-7		X			
	CV-2-10			X		
	Fuel Pool Cooling:					
	FC-2-1		X			
	Fire Protection:					
	FP-2-1			X		
	Feedwater:					
	FW-2-1			X		
	FW-2-2			X		
	Instrument Air:					
	IA-2-1				X	4
	Main Steam:					
	MS-2-1			X		
	MS-2-2			X		
	Nitrogen:					
	NT-2-1				X	4
	NT-2-2				X	4
	NT-2-3				X	4
	NT-2-4				X	4
	Off Gas:					
	OG-2-1				X	4
	Primary Containment:					
	PC-2-1			X		
	Process Sampling:					
	PS-2-1				X	4
	PS-2-2				X	4
	PS-2-3		X			
	PS-2-4		X			
	PS-2-5		X			
	PS-2-6		X			

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressure Tests, All Systems		INTERVAL: Second	PERIOD: Second			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
CLASS 2 COMPONENTS						
C7.30	Piping, Pressure Retaining Boundary (cont'd)					
	Residual Heat Removal:					
	RH-2-1		X			
	RH-2-2		X			
	RH-2-3		X			
	RH-2-6		X			
	Service Air:					
	SA-2-1				X	4
	Safety Injection:					
	SI-2-1		X			
	SI-2-2		X			
	SI-2-3		X			
	SI-2-4		X			
	SI-2-5		X			
	SI-2-6		X			
	SI-2-7		X			
	Service Water:					
	SX-2-1			X		
	SX-2-2			X		
	Containment Ventilation:					
	VQ-2-5				X	4
	VQ-2-6				X	4
C7.50	Pumps, Pressure Retaining Boundary					
	Containment Spray:					
	2CS01PA CS-2-1		X			
	2CS01PB CS-2-2		X			
	Chemical & Volume Control:					
	2CV01PA CV-2-1			X		
	2CV01PB CV-2-2			X		
	2CV02P CV-2-3			X		3
	Residual Heat Removal:					
	2RH01PA RH-2-1		X			
	2RH01PB RH-2-2		X			
	Safety Injection:					
	2SI01PA SI-2-1		X			
	2SI01PB SI-2-2		X			

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressure Tests, All Systems		INTERVAL: Second		PERIOD: Second		
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
CLASS 2 COMPONENTS						
C7.70	Valves, Pressure Retaining Boundary					
	Auxiliary Feedwater:					
	AF-2-1		X			
	AF-2-2		X			
	Containment Spray:					
	CS-2-1		X			
	CS-2-2		X			
	Chemical & Volume Control:					
	CV-2-1			X		
	CV-2-2			X		
	CV-2-3			X		3
	CV-2-4			X		
	CV-2-5			X		
	CV-2-6			X		
	CV-2-7		X			
	CV-2-10			X		
	Fuel Pool Cooling:					
	FC-2-1		X			
	Fire Protection:					
	FP-2-1			X		
	Feedwater:					
	FW-2-1			X		
	FW-2-2			X		
	Instrument Air:					
	IA-2-1				X	4
	Main Steam					
	MS-2-1			X		
	MS-2-2			X		
	Nitrogen :					
	NT-2-1				X	4
	NT-2-2				X	4
	NT-2-3				X	4
	NT-2-4				X	4
	Off Gas:					
	OG-2-1				X	4
	Primary Containment:					
	PC-2-1			X		
	Process Sampling:					
	PS-2-1				X	4
	PS-2-2				X	4
	PS-2-3		X			
	PS-2-4		X			
	PS-2-5		X			
	PS-2-6		X			

OUTAGE INSPECTION SUMMARY

SYSTEM: Pressure Tests, All Systems		INTERVAL: Second		PERIOD: Second		
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
CLASS 2 COMPONENTS						
C7.70	Valves, Pressure Retaining Boundary (cont'd)					
	Residual Heat Removal:					
	RH-2-1		X			
	RH-2-2		X			
	RH-2-3		X			
	RH-2-6		X			
	Service Air:					
	SA-2-1				X	4
	Safety Injection:					
	SI-2-1		X			
	SI-2-2		X			
	SI-2-3		X			
	SI-2-4		X			
	SI-2-5		X			
	SI-2-6		X			
	SI-2-7		X			
	Service Water:					
	SX-2-1			X		
	SX-2-2			X		
	Containment Ventilation:					
	VQ-2-5				X	4
	VQ-2-6				X	4

NOTE 1 The ASME Class 1 Pressure Boundary Leakage Test (VT-2) was performed on 3/22/04 and 4/08/04 to correspond to the pre- and post-refueling outage inspections. The ASME Class 1 portion under the vessel (in-core area) for the pre-refueling was performed on 3/23/04.

NOTE 2 Refer to the System Pressure Test Summary for Subsystem Descriptions.

NOTE 3 The Inservice Inspection (VT-2) of CV-2-3 was performed with the exception of the Chemical Volume Control Positive Displacement Pump (2CV02P) and its associated piping and valves between the suction and discharge manual isolation valves. This Class 2 pump has been indefinitely taken out of service per Byron On-Site reviews 92-088 and subsequent revised On-Site review 93-006.

NOTE 4 Pneumatic test is conducted at normal operating pressure, and is not a hydro test.

Exelon

Containment Structure

Byron Unit 2
B2R11

OUTAGE INSPECTION SUMMARY

SYSTEM:		INTERVAL:	PERIOD:
CONTAINMENT STRUCTURE		Second	Second
CODE ITEM NUMBER	EXAMINATION ITEM/AREA	EXAM TYPE	NOTE
E1.11	Accessible Surface Areas (MC Liner), 100% of accessible surfaces examined.	VT	Relief Request I2R-38 approved for use by NRC, current code used is ASME Section XI, 1998 Edition Design Calculation BYR2000-181, Rev. 0 determined that the accessible surface area is 96.98% which meets the minimum of 80% required per IWE-1231
E1.30	Moisture Barrier, 100% of barrier examined.	VT	Relief Request I2R-38 approved for use by NRC, current code used is ASME Section XI, 1998 Edition
E4.12	Visible Surfaces (Liner plate immediately above moisture barrier)	UT	Relief Request I2R-38 approved for use by NRC, current code used is ASME Section XI, 1998 Edition

Support Outage Summary

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SYSTEM: Containment Spray System (CS)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.40	L1	2CS-01-PA/L1	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration
F-A	F1.40	L2	2CS-01-PA/L2	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration
F-A	F1.40	L3	2CS-01-PA/L3	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.10	2RY06120X	2CV45B-2/2RY06120X	VT-3	NRI	
F-A	F1.10	2RY06121X	2CV45B-2/2RY06121X	VT-3	NRI	
F-A	F1.10	2CV11010X	2CVA3B-2/2CV11010X	VT-3	NRI	All welds are painted
F-A	F1.10	2CV15033X	2CVA3B-2/2CV15033X	VT-3	NRI	
F-A	F1.10	2CV16024X	2CVA3B-2/2CV16024X	VT-3	NRI	Remote exam using binoculars
F-A	F1.10	2CV16030X	2CVA3B-2/2CV16030X	VT-3	NRI	
F-A	F1.10	2CV16084X	2CVA3B-2/2CV16084X	VT-3	NRI	Remote exam using binoculars
F-A	F1.10	2CV15018V	2CVA5AA-2/2CV15018V	VT-3	NRI	
F-A	F1.10	2CV15021X	2CVA5AA-2/2CV15021X	VT-3	NRI	
F-A	F1.10	2CV09025X	2CVA6AA-2/2CV09025X	VT-3	NRI	
F-A	F1.10	2CV25025X	2CVA6AA-2/2CV25025X	VT-3	NRI	Insulation disturbed near support

Support Outage Summary

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.20	2FW02009X	2FW03DA-16/2FW02009X	VT-3	NRI	The threads are flush with the nut - Acceptable as-is, jam nuts not required to have full thread engagement.
F-A	F1.20	2FW06011X	2FW87CA-6/2FW06011X	VT-3	NRI	Remote exam, camera on pole. All welds are painted
F-A	F1.20	2FW06015X	2FW87CA-6/2FW06015X	VT-3	NRI	Minor rust on bottom clamp bolt / nuts, Insulation removed for exam
F-A	F1.20	2FW09002C	2FW87CD-6/2FW09002C	VT-3	NRI	

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Main Steam System (MS)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.20	2MS01205X	2MS07AA-28/2MS01205X	VT-3	NRI	

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.10	2CV12005X	2RC16AA-2/2CV12005X	VT-3	NRI	Remote exam using binoculars
F-A	F1.10	2RY06016X	2RC24AA-4/2RY06016X	VT-3	NRI	
F-A	F1.10	2RY06035X	2RC24AA-4/2RY06035X	VT-3	RI	Dry Boron on surface white/rust colored. Boron cleaned off under WO# 679496-02. Verified by S. Esposito that there was no wastage or degradation. Acceptable as-is.

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.10	2RH02053X	2RH01AA-12/2RH02053X	VT-3	NRI	
F-A	F1.40	L1	2RH-01-PA/L1	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration
F-A	F1.40	L2	2RH-01-PA/L2	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration
F-A	F1.40	L3	2RH-01-PA/L3	VT-3	NRI	The examination was limited on the underside of the welded attachment due to the component configuration
F-A	F1.40	L1	2RH-02-AB/L1	VT-3	NRI	
F-A	F1.40	SKT	2RH-02-AB/SKT	VT-3	NRI	The weld and skirt were painted at the time of inspection

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.10	2RY06022X	2RY01B-6/2RY06022X	VT-3	NRI	
F-A	F1.10	2RY06029X	2RY01B-6/2RY06029X	VT-3	NRI	
F-A	F1.10	2RY06115V	2RY18A-2/2RY06115V	VT-3	NRI	

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.20	2SI01022X	2SI05CA-8/2SI01022X	VT-3	NRI	Portions of exam performed remotely with camera on pole. All welds are painted
F-A	F1.20	2SI01026X	2SI05CA-8/2SI01026X	VT-3	NRI	Remote exam, camera on pole. All welds painted
F-A	F1.20	2SI01038X	2SI05CA-8/2SI01038X	VT-3	NRI	All welds are painted
F-A	F1.20	2SI03021X	2SI05CA-8/2SI03021X	VT-3	NRI	Remote exam, camera on pole. All welds painted
F-A	F1.20	2SI03025V	2SI05CA-8/2SI03025V	VT-3	NRI	Remote exam, camera on pole. All welds painted
F-A	F1.20	2SI03029X	2SI05CA-8/2SI03029X	VT-3	NRI	
F-A	F1.10	2SI01017X	2SI05DA-6/2SI01017X	VT-3	NRI	
F-A	F1.10	2SI01029X	2SI05DA-6/2SI01029X	VT-3	NRI	
F-A	F1.10	2SI01031X	2SI05DA-6/2SI01031X	VT-3	NRI	
F-A	F1.10	2SI01032X	2SI05DA-6/2SI01032X	VT-3	NRI	
F-A	F1.10	2SI21022X	2SI08E-3/2SI21022X	VT-3	NRI	
F-A	F1.10	2SI23011X	2SI08FA-3/2SI23011X	VT-3	NRI	All welds are painted
F-A	F1.10	2SI23012A	2SI08FA-3/2SI23012A	VT-3	NRI	All welds are painted, except for Pipe to support weld
F-A	F1.10	2SI25004X	2SI08GB-1-1/2/2SI25004X	VT-3	NRI	All welds are painted
F-A	F1.10	2SI25007X	2SI08GB-1-1/2/2SI25007X	VT-3	NRI	All welds are painted
F-A	F1.10	2SI24012X	2SI08JA-1-1/2/2SI24012X	VT-3	NRI	
F-A	F1.10	2SI25010X	2SI08JA-1-1/2/2SI25010X	VT-3	NRI	All welds are painted

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.10	2SI25012X	2SI08JA-1-1/2/2SI25012X	VT-3	NRI	All welds are painted
F-A	F1.10	2RH02083X	2SIA4B-8/2RH02083X	VT-3	RI	Dry Boron on surface white/rust colored. Boron cleaned off under WO# 679496-02. Verified by S. Esposito that there was no wastage or degradation. Acceptable as-is.

Component Supports examined in accordance with Code Case N-491-1

Support Outage Summary

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SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	F1.20	2SX07001G	2SX06BB-16/2SX07001G	VT-3	NRI	All welds are painted
F-A	F1.20	2SX07007X	2SX06CB-14/2SX07007X	VT-3	NRI	All welds are painted
F-A	F1.20	2SX09078X	2SX07BD-10/2SX09078X	VT-3	NRI	Remote exam using binoculars
F-A	F1.20	2SX09038X	2SX07CB-10/2SX09038X	VT-3	NRI	All welds are painted, remote VT
F-A	F1.20	2SX09077X	2SX07CD-10/2SX09077X	VT-3	NRI	All welds are painted
F-A	F1.20	2SX09011X	2SX07EB-14/2SX09011X	VT-3	NRI	All welds are painted, remote VT
F-A	F1.20	2SX07025X	2SX08BD-10/2SX07025X	VT-3	NRI	

Component Supports examined in accordance with Code Case N-491-1

Snubber Outage Summary

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SYSTEM: Containment Spray System (CS)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2CS03A007S	2CS02AA-10/2CS03A007S	VT-3	NRI	
F-A	2CS03A012S	2CS02AA-10/2CS03A012S	VT-3	NRI	
F-A	2CS03B018S	2CS02AB-10/2CS03B018S	VT-3	NRI	Remote exam using binoculars.
F-A	2CS03B022S	2CS02AB-10/2CS03B022S	VT-3 F.TEST	NRI PASS	(Original Test Scope) Remote exam using binoculars.
F-A	2CS03B062S	2CS02AB-10/2CS03B062S	VT-3	NRI	
N/A	2CS08015S	2CS05AB-3/2CS08015S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
N/A	2CV02002S	2CV10CB-3/2CV02002S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV02006S	2CV10CB-3/2CV02006S	VT-3	NRI	
F-A	2CV02009S	2CV10DB-3/2CV02009S	VT-3	NRI	
N/A	2CV03002S	2CV10CA-3/2CV03002S	VT-3	NRI	
N/A	2CV03009S	2CV10CA-3/2CV03009S	VT-3	NRI	
N/A	2CV04002S	2CV10B-3/2CV04002S	VT-3 F.TEST	NRI PASS	(Previous Outage Failure)
N/A	2CV04012S	2CV10B-3/2CV04012S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV04015S	2CV10B-3/2CV04015S	VT-3	NRI	
F-A	2CV06004S	2CVB7A-3/2CV06004S	VT-3	NRI	
F-A	2CV08006S	2CV05CB-6/2CV08006S	VT-3	NRI	
F-A	2CV08010S	2CV05CB-6/2CV08010S	VT-3	NRI	
F-A	2CV08011S	2CV05CB-6/2CV08011S	VT-3	NRI	
F-A	2CV08013S	2CV05CB-6/2CV08013S	VT-3	NRI	
F-A	2CV08021S	2CV05CB-6/2CV08021S	VT-3	NRI	
F-A	2CV09026S	2CVA6AA-2/2CV09026S	VT-3	NRI	
N/A	2CV13034S	2CV43BC-2/2CV13034S	VT-3	NRI	
F-A	2CV15054S	2CVA5AA-2/2CV15054S	VT-3 F.TEST	NRI PASS	(Original Test Scope) Minor oil residue on snubber.
F-A	2CV15055S	2CVA3B-2/2CV15055S	VT-3	NRI	
N/A	2CV22002S	2CV10CA-3/2CV22002S	VT-3	NRI	
F-A	2CV22009S	2CV45B-2/2CV22009S	VT-3	NRI	Remote exam using binoculars.
N/A	2CV23005S	2CVB7BA-3/2CV23005S	VT-3	NRI	
N/A	2CV23012S	2CVB7BA-3/2CV23012S	VT-3	NRI	
F-A	2CV25012S	2CVA7AA-2/2CV25012S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2CV25016S	2CVA7AA-2/2CV25016S	VT-3	NRI	
F-A	2CV25026S	2CVA6AA-2/2CV25026S	VT-3	NRI	
N/A	2CV27001S	2CV15AA-3/4/2CV27001S	VT-3	NRI	
N/A	2CV29002S	2CV15AC-3/4/2CV29002S	VT-3	NRI	
N/A	2CV31007S	2CV15DA-3/4/2CV31007S	VT-3	NRI	Remote exam using binoculars.
N/A	2CV31020S	2CV15E-3/4/2CV31020S	VT-3	NRI	
N/A	2CV34008S	2CV14EA-2/2CV34008S	VT-3	NRI	
F-A	2CV36002S	2CV14FB-2/2CV36002S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV36004S	2CV14EB-2/2CV36004S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV36006S	2CV14EB-2/2CV36006S	VT-3	NRI	
N/A	2CV40007S	2CV14EC-2/2CV40007S	VT-3	NRI	
N/A	2CV40009S	2CV14EC-2/2CV40009S	VT-3	NRI	
N/A	2CV41009-S1	2CV14ED-2/2CV41009-S1	VT-3	NRI	
N/A	2CV41009-S2	2CV14ED-2/2CV41009-S2	VT-3	NRI	
N/A	2CV41012S	2CV14ED-2/2CV41012S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV50003S	2CV16BA-3/4/2CV50003S	VT-3	NRI	
N/A	2CV61020S	2CVA4AB-1/2CV61020S	VT-3	NRI	
N/A	2CV64025S	2CV16BD-3/4/2CV64025S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV65009S	2CV44AB-3/4/2CV65009S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV66004S	2CV44AA-3/4/2CV66004S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2CV66010S	2CV44AA-3/4/2CV66010S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2RY06116S	2CV45B-2/2RY06116S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Feedwater System (FW)

Section XI Cat.	ISI Identifier Comments	LIne Number / EPN	Exam Summary	Results	Comments
F-A	2FW02003S	2FW03DA-16/2FW02003S	VT-3	NRI	
F-A	2FW02012S	2FW03DA-16/2FW02012S	VT-3	NRI	
F-A	2FW02016S	2FW03DA-16/2FW02016S	VT-3	NRI	
F-A	2FW03012S	2FW03DB-16/2FW03012S	VT-3	NRI	
F-A	2FW03016S	2FW03DB-16/2FW03016S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2FW03017S	2FW03DB-16/2FW03017S	VT-3	NRI	
F-A	2FW05022S	2FW03DD-16/2FW05022S	VT-3	NRI	
F-A	2FW06002S	2FW87CA-6/2FW06002S	VT-3	NRI	
F-A	2FW06005S	2FW87CA-6/2FW06005S	VT-3	NRI	
F-A	2FW06008S	2FW87CA-6/2FW06008S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2FW06013S	2FW87CA-6/2FW06013S	VT-3	NRI	Remote exam using binoculars.
F-A	2FW07004-S1	2FW87CB-6/2FW07004-S1	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2FW07004-S2	2FW87CB-6/2FW07004-S2	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2FW07005S	2FW87CB-6/2FW07005S	VT-3	NRI	
F-A	2FW07006S	2FW87CB-6/2FW07006S	VT-3	NRI	
F-A	2FW07014S	2FW87CB-6/2FW07014S	VT-3	NRI	Remote exam using binoculars.
F-A	2FW07019S	2FW87CB-6/2FW07019S	VT-3	NRI	
F-A	2FW08005S	2FW87CC-6/2FW08005S	VT-3	NRI	
F-A	2FW08006S	2FW87CC-6/2FW08006S	VT-3	NRI	
F-A	2FW08007S	2FW87CC-6/2FW08007S	VT-3	NRI	
F-A	2FW08018S	2FW87CC-6/2FW08018S	VT-3	NRI	
N/A	2FW10001S	2FW87BC-3/2FW10001S	VT-3	NRI	
N/A	2FW12001S	2FW87BB-3/2FW12001S	VT-3	NRI	
N/A	2FW14002S	2FW87BA-3/2FW14002S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

SYSTEM: Main Steam System (MS)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2MS01074-S1	2MS07AA-28/2MS01074-S1	VT-3	NRI	
F-A	2MS01074-S2	2MS07AA-28/2MS01074-S2	VT-3	NRI	
F-A	2MS01079S	2MS07AA-28/2MS01079S	VT-3	NRI	
F-A	2MS01083-S1	2MS07AD-28/2MS01083-S1	VT-3	NRI	
F-A	2MS01083-S2	2MS07AD-28/2MS01083-S2	VT-3	NRI	
F-A	2MS01088S	2MS07AD-28/2MS01088S	VT-3	NRI	
F-A	2MS01092-S1	2MS07AB-28/2MS01092-S1	VT-3	NRI	
F-A	2MS01092-S2	2MS07AB-28/2MS01092-S2	VT-3	NRI	
F-A	2MS01097S	2MS07AB-28/2MS01097S	VT-3	NRI	
F-A	2MS01101-S1	2MS07AC-28/2MS01101-S1	VT-3	NRI	
F-A	2MS01101-S2	2MS07AC-28/2MS01101-S2	VT-3	NRI	
F-A	2MS01106S	2MS07AC-28/2MS01106S	VT-3	NRI	
F-A	2MS05007-S1	2MS01AA-30.25/2MS05007-S1	VT-3	NRI	
F-A	2MS05007-S2	2MS01AA-30.25/2MS05007-S2	VT-3	NRI	
F-A	2MS06007-S1	2MS01AB-32.75/2MS06007-S1	VT-3	NRI	
F-A	2MS06007-S2	2MS01AB-32.75/2MS06007-S2	VT-3	NRI	
F-A	2MS07006-S1	2MS01AC-32.75/2MS07006-S1	VT-3	NRI	
F-A	2MS07006-S2	2MS01AC-32.75/2MS07006-S2	VT-3	NRI	
F-A	2MS08007-S1	2MS01AD-30.25/2MS08007-S1	VT-3	NRI	
F-A	2MS08007-S2	2MS01AD-30.25/2MS08007-S2	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2CV09028S	2RC14AC-2/2CV09028S	VT-3	NRI	
F-A	2CV09029S	2RC14AC-2/2CV09029S	VT-3	NRI	
F-A	2CV09031S	2RC14AC-2/2CV09031S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2CV09033S	2RC14AC-2/2CV09033S	VT-3 F.TEST	NRI PASS	(Original Test Scope) Slight rust on the load stud.
F-A	2CV09034S	2RC14AC-2/2CV09034S	VT-3	NRI	
F-A	2CV11003S	2RC14AA-2/2CV11003S	VT-3 F.TEST	NRI PASS	(Previous Outage Failure) PSA replaced with a Lisega.
F-A	2CV12006S	2RC16AA-2/2CV12006S	VT-3	NRI	
F-A	2CV13005S	2RC16AC-2/2CV13005S	VT-3	NRI	
F-A	2CV13031S	2RC16AC-2/2CV13031S	VT-3	NRI	
F-A	2CV14001S	2RC16AD-2/2CV14001S	VT-3	NRI	
F-A	2CV14004S	2RC16AD-2/2CV14004S	VT-3	NRI	
F-A	2CV15002S	2RC13AB-2/2CV15002S	VT-3	NRI	
F-A	2CV15014S	2RC14AB-2/2CV15014S	VT-3	NRI	
F-A	2CV15045S	2RC13AC-2/2CV15045S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2CV15053S	2RC14AB-2/2CV15053S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2CV24002S	2RC16AB-2/2CV24002S	VT-3	NRI	
F-A	2CV24003S	2RC16AB-2/2CV24003S	VT-3	NRI	
F-A	2CV25019S	2RC14AD-2/2CV25019S	VT-3	NRI	
F-A	2CV25020S	2RC14AD-2/2CV25020S	VT-3	NRI	
F-A	2CV25023S	2RC14AD-2/2CV25023S	VT-3	NRI	
F-A	2CV25024S	2RC14AD-2/2CV25024S	VT-3	NRI	
F-A	2RC01BA-A	2RC01BA-2A/2RC01BA-A	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers

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

Snubber Outage Summary
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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2RC01BA-B	2RC01BA-2A/2RC01BA-B	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2RC01BB-A	2RC01BB-2B/2RC01BB-A	VT-3	NRI	
F-A	2RC01BB-B	2RC01BB-2B/2RC01BB-B	VT-3	NRI	
F-A	2RC01BC-A	2RC01BC-2C/2RC01BC-A	VT-3	NRI	
F-A	2RC01BC-B	2RC01BC-2C/2RC01BC-B	VT-3	NRI	
F-A	2RC01BD-A	2RC01BD-2C/2RC01BD-A	VT-3	NRI	
F-A	2RC01BD-B	2RC01BD-2C/2RC01BD-B	VT-3	NRI	
F-A	2RC16001S	2RC22AA-1.5/2RC16001S	VT-3	NRI	
F-A	2RC16002S	2RC22AA-1.5/2RC16002S	VT-3 F.TEST	NRI PASS	(Previous Outage Failure) PSA replaced with a Lisega.
N/A	2RC16004S	2RC08AA-3/4/2RC16004S	VT-3	NRI	
N/A	2RC16006S	2RC08AA-3/4/2RC16006S	VT-3	NRI	
N/A	2RC16009S	2RC08AA-3/4/2RC16009S	VT-3	NRI	
F-A	2RC16011S	2RC22AA-1.5/2RC16011S	VT-3	RI	PSA snubber's anti-rotation key not in place. Snubber evaluated to perform properly and is acceptable as-is.
F-A	2RC16012S	2RC22AA-1.5/2RC16012S	VT-3	NRI	
F-A	2RC16013S	2RC22AA-1.5/2RC16013S	VT-3	RI	Boron coating on the extension piece. Boron cleaned off WO# 678934, no degradation, acceptable as-is.
F-A	2RC17002S	2RC22AB-1.5/2RC17002S	VT-3	NRI	
N/A	2RC17003S	2RC08AB-3/4/2RC17003S	VT-3	NRI	
F-A	2RC17008S	2RC22AB-1.5/2RC17008S	VT-3	NRI	
F-A	2RC17015S	2RC22AB-1.5/2RC17015S	VT-3	NRI	
F-A	2RC17018S	2RC22AB-1.5/2RC17018S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

(Page 8 of 13)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2RC18001S	2RC22AC-1.5/2RC18001S	VT-3	RI	Pipe clamp moves - bolting is tight. Evaluated by T. Johnson (Level III) after inspection in the field to be acceptable as is.
N/A	2RC18003S	2RC08AC-3/4/2RC18003S	VT-3	NRI	
F-A	2RC18007S	2RC22AC-1.5/2RC18007S	VT-3	NRI	
N/A	2RC18009S	2RC20AC-3/4/2RC18009S	VT-3	NRI	
F-A	2RC18014S	2RC22AC-1.5/2RC18014S	VT-3	NRI	
N/A	2RC90A001S	2RC48BA-1/2/2RC90A001S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
N/A	2RC90B008S	2RC48BB-1/2/2RC90B008S	VT-3	NRI	
N/A	2RC90C015S	2RC48BC-1/2/2RC90C015S	VT-3	NRI	
N/A	2RC90D022S	2RC48BD-1/2/2RC90D022S	VT-3	NRI	
F-A	2RY06015S	2RC24AA-4/2RY06015S	VT-3	NRI	
F-A	2RY06017S	2RC24AA-4/2RY06017S	VT-3	NRI	General Corrosion

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers

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

Snubber Outage Summary
(Page 9 of 13)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2RH02002S	2RH01AB-12/2RH02002S	VT-3	NRI	
F-A	2RH02003S	2RH01AB-12/2RH02003S	VT-3	NRI	
F-A	2RH02013S	2RH01AB-12/2RH02013S	VT-3	NRI	
F-A	2RH02059S	2RH01AA-12/2RH02059S	VT-3	NRI	
F-A	2RH02068S	2RH01AA-12/2RH02068S	VT-3	NRI	
F-A	2RH02107S	2RH01AA-12/2RH02107S	VT-3	NRI	
N/A	2RH02115S	2RH26AB-3/4/2RH02115S	VT-3	NRI	
N/A	2RH02116S	2RH26AB-3/4/2RH02116S	VT-3	NRI	
N/A	2RH02117S	2RH26AA-3/4/2RH02117S	VT-3	NRI	
N/A	2RH02120S	2RH26AA-3/4/2RH02120S	VT-3	NRI	
N/A	2RH02121S	2RH26AA-3/4/2RH02121S	VT-3	NRI	
F-A	2RH07003S	2RH02AA-8/2RH07003S	VT-3	NRI	Remote Exam, camera on the pole
F-A	2RH07006S	2RH02AA-8/2RH07006S	VT-3	RI	Minor / misting of paint on the indicator tube, does not effect the operability of the snubber, acceptable as-is. S. Esposito 2-24-04.
F-A	2RH07011S	2RH02AA-8/2RH07011S	VT-3	NRI	Remote Exam, camera on pole
F-A	2RH07012S	2RH02AA-8/2RH07012S	VT-3	NRI	
F-A	2RH07013S	2RH02AA-8/2RH07013S	VT-3	NRI	
F-A	2RH07017-S1	2RH02AA-8/2RH07017-S1	VT-3	NRI	Remote Exam, camera on pole
F-A	2RH07017-S2	2RH02AA-8/2RH07017-S2	VT-3	NRI	Remote Exam, camera on pole

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary
(Page 10 of 13)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
N/A	2RC91001S	2RY34CD-1/2/2RC91001S	VT-3	NRI	
N/A	2RC92002S	2RY34AB-1/2/2RC92002S	VT-3	NRI	
F-A	2RY05003S	2RY11A-14/2RY05003S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2RY05010S	2RY11A-14/2RY05010S	VT-3	NRI	
F-A	2RY06011S	2RY01AB-4/2RY06011S	VT-3	NRI	General Corrosion
F-A	2RY06013S	2RY01AB-4/2RY06013S	VT-3	NRI	
F-A	2RY06018S	2RY01AA-4/2RY06018S	VT-3	NRI	
F-A	2RY06020S	2RY01B-6/2RY06020S	VT-3	NRI	
F-A	2RY06025-S1	2RY01B-6/2RY06025-S1	VT-3	NRI	
F-A	2RY06025-S2	2RY01B-6/2RY06025-S2	VT-3	NRI	
F-A	2RY06076S	2RY01B-6/2RY06076S	VT-3	NRI	
F-A	2RY06114S	2RY18A-2/2RY06114S	VT-3	NRI	
F-A	2RY09001S	2RY02B-3/2RY09001S	VT-3	NRI	
F-A	2RY09005S	2RY02B-3/2RY09005S	VT-3	RI	Snubber will travel to a hot setting outside the middle 80% range but will not bottom out, acceptable as-is.
F-A	2RY09012S	2RY06A-3/2RY09012S	VT-3	NRI	
F-A	2RY09060-S1	2RY06A-3/2RY09060-S1	VT-3	NRI	
F-A	2RY09060-S2	2RY06A-3/2RY09060-S2	VT-3	NRI	
F-A	2RY09067-S1	2RY02B-3/2RY09067-S1	VT-3	NRI	
F-A	2RY09067-S2	2RY02B-3/2RY09067-S2	VT-3	NRI	
F-A	2RY09077S	2RY02B-3/2RY09077S	VT-3	NRI	
F-A	2RY09078S	2RY06A-3/2RY09078S	VT-3	NRI	
F-A	2RY09100S	2RY02B-3/2RY09100S	VT-3	NRI	
F-A	2RY09101S	2RY06A-3/2RY09101S	VT-3 F.TEST	NRI PASS	(Original Test Scope)

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
N/A	2RY27016S	2RY07AC-3/4/2RY27016S	VT-3 F.TEST	NRI PASS	(Original Test Scope)

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary
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SYSTEM: Steam Generator Blowdown System (SD)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
N/A	2SD01003S	2SD01CB-2/2SD01003S	VT-3 F.TEST	NRI PASS	(Previous Outage Failure) PSA replaced with a Lisega.
N/A	2SD01005S	2SD01CB-2/2SD01005S	VT-3 F.TEST	NRI PASS	(Previous Outage Failure) PSA replaced with a Lisega.
N/A	2SD02004S	2SD01CA-2/2SD02004S	VT-3	NRI	
N/A	2SD03001S	2SD01CC-2/2SD03001S	VT-3	NRI	
N/A	2SD03002S	2SD01CC-2/2SD03002S	VT-3	NRI	
N/A	2SD05002-S1	2SD01CF-2/2SD05002-S1	VT-3	NRI	
N/A	2SD05002-S2	2SD01CF-2/2SD05002-S2	VT-3	NRI	
N/A	2SD05003S	2SD01CF-2/2SD05003S	VT-3	NRI	
N/A	2SD06001S	2SD01CE-2/2SD06001S	VT-3	NRI	
N/A	2SD11002S	2SD01CH-2/2SD11002S	VT-3	NRI	
N/A	2SD21034S	2SD01CA-2/2SD21034S	VT-3	NRI	
N/A	2SD21036S	2SD01CB-2/2SD21036S	VT-3	NRI	
N/A	2SD22019S	2SD01CE-2/2SD22019S	VT-3	NRI	
N/A	2SD24026S	2SD01CD-2/2SD24026S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	2RH02061S	2SI04D-8/2RH02061S	VT-3	NRI	
F-A	2RH02111S	2SI04D-8/2RH02111S	VT-3	NRI	
F-A	2SI01023S	2SI05CA-8/2SI01023S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2SI03001S	2SI09BD-10/2SI03001S	VT-3	NRI	
F-A	2SI03003S	2SI09BD-10/2SI03003S	VT-3	NRI	
F-A	2SI03009S	2SI05DD-6/2SI03009S	VT-3	NRI	
F-A	2SI03014-S1	2SI05DD-6/2SI03014-S1	VT-3	NRI	
F-A	2SI03014-S2	2SI05DD-6/2SI03014-S2	VT-3	NRI	
F-A	2SI03018S	2SI05DD-6/2SI03018S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2SI06240S	2SI06BB-24/2SI06240S	VT-3	NRI	Remote exam using binoculars.
F-A	2SI06266S	2SI06BB-24/2SI06266S	VT-3	NRI	Remote exam using binoculars.
F-A	2SI09002-S1	2SI09BC-10/2SI09002-S1	VT-3	NRI	
F-A	2SI09002-S2	2SI09BC-10/2SI09002-S2	VT-3	NRI	
F-A	2SI09014-S1	2SI05DC-6/2SI09014-S1	VT-3	NRI	
F-A	2SI09014-S2	2SI05DC-6/2SI09014-S2	VT-3	NRI	
N/A	2SI13026S	2SI03BB-4/2SI13026S	VT-3	NRI	
N/A	2SI13027S	2SI03CB-2/2SI13027S	VT-3	NRI	
N/A	2SI16037S	2SI18ED-2/2SI16037S	VT-3	NRI	
F-A	2SI18A049S	2SI02BA-6/2SI18A049S	VT-3	NRI	Remote exam, camera on pole
F-A	2SI20001S	2SI08JC-1.5/2SI20001S	VT-3 F.TEST	NRI PASS	(Original Test Scope)
F-A	2SI20003S	2SI08JC-1.5/2SI20003S	VT-3	NRI	
F-A	2SI22018S	2SI08JD-1.5/2SI22018S	VT-3	NRI	
F-A	2SI22020S	2SI08JD-1.5/2SI22020S	VT-3	NRI	

Note: Relief Request I2-R13, applies to all Technical Requirement Manual Snubbers
Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Containment Spray System Piping Welds & Components (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Cat. 4/R1.20 2CS01AA-16"	Hunter Corporation	2-CS-5-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2CS02AA-10"	Hunter Corporation	2-CS-5-N5	Not Applicable	Not Applicable

B2R11

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2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. Plant Unit: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C3.30 2CV-01-PA	Pacific Pumps	49772	Not Applicable	204
Cat. 4/R1.20 2CVA1A-6"	Hunter Corporation	2-CV-2-N5	Not Applicable	Not Applicable
Cat.5 / R1.11 2CVA3B-2"	Hunter Corporation	2-CV-1-N5	Not Applicable	Not Applicable
Cat.5 / R1.11 2CVA5AA-2"	Hunter Corporation	2-CV-1-N5	Not Applicable	Not Applicable
Cat.5 / R1.11 2CVA6AA-2"	Hunter Corporation	2-CV-1-N5	Not Applicable	Not Applicable
Cat.5 / R1.11 2CVA7AA-2"	Hunter Corporation	2-CV-1-N5	Not Applicable	Not Applicable

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Feedwater System Piping Welds & Components (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Cat. 3/R1.11 2FW87CB-6"	Hunter Corporation	2-FW-5-N5	Not Applicable	Not Applicable
Cat. 3/R1.11 2FW87CC-6"	Hunter Corporation	2-FW-5-N5	Not Applicable	Not Applicable
Cat. 3/R1.11 2FW81BB-6"	Hunter Corporation	2-FW-5-N5	Not Applicable	Not Applicable
HELB 2FW81BB-6"	Hunter Corporation	2-FW-5-N5	Not Applicable	Not Applicable

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Main Steam System Piping Welds & Components (MS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
HELB 2MS01BA-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
HELB 2MS01BD-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
HELB 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable

B2R11

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Reactor Coolant System Piping Welds & Components (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B7.50 2RC22AA-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
B7.50 2RC22AD-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.2 / R1.11 2RC14AA-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.2 / R1.11 2RC16AA-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.2 / R1.11 2RC16AB-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.2 / R1.11 2RC30AA-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC01AA-29"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2RC02AB-31"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC03AA-27½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC13AA-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC13AB-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC13AC-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC13AD-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC16AC-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC16AD-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC22AA-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC22AC-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Reactor Coolant System Piping Welds & Components (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Cat.4 / R1.20 2RC22AD-1½"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
Cat.4 / R1.20 2RC26A-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
RCP Flywheels 2RC-01-PA	Westinghouse Corporation	14-115E121G01	Not Applicable	15

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Residual Heat Removal Heat Exchanger (RHX)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C3.10 2RH-02-AA	Joseph Oat Corporation	2267-1C	U-201439	838

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Pressurizer Spray and Relief System Piping Welds & Components (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Cat.2 / R1.11 2RY18A-2"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
B7.50 2RY03BC-6"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
B7.50 2RY8010C"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
B12.50 2RY8010C	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable

B2R11

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Pressurizer Vessel (PZR) Welds & Components

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B2.11 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582
B2.12 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582
B3.110 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582
B3.120 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582
B10.10 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582

B2R11

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1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Reactor Pressure Vessel Welds & Components (RPV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B6.50 2RC-01-R	Westinghouse Corporation	640-0012-52	B-09062	N-200
B6.170 2RC-01-R	Westinghouse Corporation	640-0012-52	B-09062	N-200
B13.10 2RC-01-R	Westinghouse Corporation	640-0012-51	B-09062	N-200
B13.10 2RC-01-R	Westinghouse Corporation	640-0012-52	B-09062	N-200
B14.10 2RC-01-R	Westinghouse Corporation	640-0012-52	B-09062	N-200

B2R11

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1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Steam Generator Welds & Components (SG)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B3.140 2RC-01-BB	Westinghouse Corporation	2096	U-201436	16
B3.140 2RC-01-BC	Westinghouse Corporation	2097	U-201437	17
B7.30 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
B7.30 2RC-01-BB	Westinghouse Corporation	2096	U-201436	16
B7.30 2RC-01-BC	Westinghouse Corporation	2097	U-201437	17
B7.30 2RC-01-BD	Westinghouse Corporation	2098	U-201438	18
C1.20 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
C2.21 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Safety Injection System Piping Welds & Components (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Cat.5 / R1.11 2SI08HA-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
Cat.5 / R1.11 2SI08JA-1½"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
Cat. 5/R1.16 2SI09BA-10"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2SI01B-24"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2SI02A-8"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2SI06BA-24"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
Cat. 4/R1.20 2SI06BB-24"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
ECCS 2SI09BA-10"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Essential Service Water Piping Welds & Components (SX)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C3.20 2SX06BB-16"	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 1 System Pressure Tests

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B15.10 2RC01R	Westinghouse Corporation	640-0012-51 & 52	B-09062	N-200
B15.20 2RY01S	Westinghouse Corporation	1741	U-201441	W13582
B15.30 2RC01BA	Westinghouse Corporation	2095	U-201435	15 *
B15.30 2RC01BB	Westinghouse Corporation	2096	U-201436	16
B15.30 2RC01BC	Westinghouse Corporation	2097	U-201437	17
B15.30 2RC01BD	Westinghouse Corporation	2098	U-201438	18
B15.50 PIPING	Hunter Corporation	N/A	N/A	N/A
B15.60 2RC01PA	Westinghouse Corporation	14-115-E121-G01	N/A	15 *
B15.60 2RC01PB	Westinghouse Corporation	10-115-E121-G01	N/A	12
B15.60 2RC01PC	Westinghouse Corporation	11-115-E121-G01	N/A	13
B15.60 2RC01PD	Westinghouse Corporation	12-115-E121-G01	N/A	14
B15.70 VALVES	Hunter Corporation	N/A	N/A	N/A

* National Board Number 15 was used twice by Westinghouse Corporation. It was assigned to both 2RC01PA and 2RC01BA.

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C2.33 2RH-02-AA	Joseph Oat Corporation	2267-1C	U-201439	838
C2.33 2RH-02-AB	Joseph Oat Corporation	2267-1D	U-201440	839
C7.10 2CV01FA	Pall Trinty Micro	38306	N/A	21088
C7.10 2CV01FB	Pall Trinty Micro	38308	N/A	21090
C7.10 2CV01T	Westinghouse Corporation	N/A	U-201407	186
C7.10 2CV02A	Atlas Manufacturing	3455	U-201408	2828
C7.10 2CV02F	Pall Trinty Micro	24728	N/A	12281
C7.10 2CV03AA	Atlas Manufacturing	3384	U-201410	2763
C7.10 2CV03AB	Atlas Manufacturing	3385	U-201411	2764
C7.10 2CV04AA	Westinghouse Corporation	J-2268-1C	U-201412	907
C7.10 2CV04AB	Westinghouse Corporation	J-2268-1D	U-201413	908
C7.10 2CV05A	Atlas Manufacturing	3230	U-201414	2608
C7.10 2RH-02-AA	Joseph Oat Corporation	2267-1C	U-201439	838
C7.10 2RH-02-AB	Joseph Oat Corporation	2267-1D	U-201440	839
C7.30 AF-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 AF2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 CS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CV-2-10	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 FC-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 FP-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 FW-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 FW-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 IA-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 MS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 MS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 NT-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 NT-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 NT-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 NT-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 OG-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PC-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PS-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RH-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RH-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RH-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RH-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SA-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 SI-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SX-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SX-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 VQ-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 VQ-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.50 2CS01PA	Ingersoll Rand Corporation	1076124	N/A	341
C7.50 2CS01PB	Ingersoll Rand Corporation	1076125	N/A	342
C7.50 2CV-01-PA	Pacific Pump	49772	N/A	204
C7.50 2CV-01-PB	Pacific Pump	49773	N/A	207
C7.50 2CV-02-P	Gaulin Corporation	641345-1	N/A	354
C7.50 2RH-01-PA	Ingersoll Rand Corporation	127430	N/A	161
C7.50 2RH-01-PB	Ingersoll Rand Corporation	127431	N/A	156

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(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.50 2SI-01-PA	Pacific Pump	49760	N/A	236
C7.50 2SI-01-PB	Pacific Pump	49761	N/A	237
C7.70 AF-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 AF-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 CV-2-10	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 FC-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 FP-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 FW-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 FW-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. Plant Unit: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.70 IA-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 MS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 MS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 NT-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 NT-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 NT-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 NT-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 OG-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PC-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 PS-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RH-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RH-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests (cont'd)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.70 RH-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RH-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SA-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SX-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SX-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 VQ-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 VQ-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B2R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company (EGC, LLC) 200 Exelon Way Kennett Square, PA 19348
(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: Two (2) 4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87 6. National Board Number of Unit: N-200

7. Components Inspected: Containment Structure (PC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
E1.11 MC Liner	Chicago Bridge and Iron Company	Not Applicable	Not Applicable	N-200
E1.30 Moisture Barrier	Chicago Bridge and Iron Company	Not Applicable	Not Applicable	N-200
E4.12 Visible Surfaces	Chicago Bridge and Iron Company	Not Applicable	Not Applicable	N-200

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

8. Examination Dates: October 7, 2002 to April 9, 2004

9. Inspection Interval: August 16, 1998 to August 21, 2007

10. Abstract of Examination.

Include a list of examinations and a statement concerning status of work required for current interval.

Refer to the Outage Summary Report and ISI Program Plan.

11. Abstract of Conditions Noted.

Refer to the Outage Summary Report.

12. Abstract of Corrective Measures Recommended and Taken.

Refer to the Outage Summary Report.

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

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

Date: 6/30/04 Signed For: Exelon Generation Company

By: Kenneth N. Kovar /Kenneth N. Kovar

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 **Hartford Steam Boiler of CT.** have inspected the components described this Owner's Report during the period **10/07/02 to 04/09/04,** and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owners 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 the Owner's Report. Futhermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Inspectors Signature

Commissions: **ILL-1254** Date: 6/30, 20 04

National Board, State, Province, and Endorsements

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company, (EGC,LLC), 200 Exelon Way, Kennett Sq., PA 19348
(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2CS-01-PA/L1	N/A	N/A
SUPPORT	Hunter Corporation	2CS-01-PA/L2	N/A	N/A
SUPPORT	Hunter Corporation	2CS-01-PA/L3	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company, (EGC,LLC), 200 Exelon Way, Kennett Sq., PA 19348
(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2CV45B-2/2RY06120X	N/A	N/A
SUPPORT	Hunter Corporation	2CV45B-2/2RY06121X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA3B-2/2CV11010X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA3B-2/2CV15033X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA3B-2/2CV16024X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA3B-2/2CV16030X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA3B-2/2CV16084X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA5AA-2/2CV15018V	N/A	N/A
SUPPORT	Hunter Corporation	2CVA5AA-2/2CV15021X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA6AA-2/2CV09025X	N/A	N/A
SUPPORT	Hunter Corporation	2CVA6AA-2/2CV25025X	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company, (EGC,LLC), 200 Exelon Way, Kennett Sq., PA 19348
(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2FW03DA-16/2FW02009X	N/A	N/A
SUPPORT	Hunter Corporation	2FW87CA-6/2FW06011X	N/A	N/A
SUPPORT	Hunter Corporation	2FW87CA-6/2FW06015X	N/A	N/A
SUPPORT	Hunter Corporation	2FW87CD-6/2FW09002C	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company, (EGC,LLC), 200 Exelon Way, Kennett Sq., PA 19348
(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2MS07AA-28/2MS01205X	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2RC16AA-2/2CV12005X	N/A	N/A
SUPPORT	Hunter Corporation	2RC24AA-4/2RY06016X	N/A	N/A
SUPPORT	Hunter Corporation	2RC24AA-4/2RY06035X	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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(Name and Address of Plant)

3. **Plant Unit:** 2 **4. Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SUPPORT	Hunter Corporation	2RH01AA-12/2RH02053X	N/A	N/A
RH PUMP 2A LUG 1	Hunter Corporation	2RH-01-PA/L1	N/A	N/A
RH PUMP 2A LUG 2	Hunter Corporation	2RH-01-PA/L2	N/A	N/A
RH PUMP 2A LUG 3	Hunter Corporation	2RH-01-PA/L3	N/A	N/A
RH HX B LUG 1	Hunter Corporation	2RH-02-AB/L1	N/A	N/A
RH HX B SKIRT	Hunter Corporation	2RH-02-AB/SKT	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2RY01B-6/2RY06022X	N/A	N/A
SUPPORT	Hunter Corporation	2RY01B-6/2RY06029X	N/A	N/A
SUPPORT	Hunter Corporation	2RY18A-2/2RY06115V	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2SI05CA-8/2SI01022X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05CA-8/2SI01026X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05CA-8/2SI01038X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05CA-8/2SI03021X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05CA-8/2SI03025V	N/A	N/A
SUPPORT	Hunter Corporation	2SI05CA-8/2SI03029X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05DA-6/2SI01017X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05DA-6/2SI01029X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05DA-6/2SI01031X	N/A	N/A
SUPPORT	Hunter Corporation	2SI05DA-6/2SI01032X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08E-3/2SI21022X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08FA-3/2SI23011X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08FA-3/2SI23012A	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SUPPORT	Hunter Corporation	2SI08GB-1-1/2/2SI25004X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08GB-1-1/2/2SI25007X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08JA-1-1/2/2SI24012X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08JA-1-1/2/2SI25010X	N/A	N/A
SUPPORT	Hunter Corporation	2SI08JA-1-1/2/2SI25012X	N/A	N/A
SUPPORT	Hunter Corporation	2SIA4B-8/2RH02083X	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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(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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SUPPORT	Hunter Corporation	2SX06BB-16/2SX07001G	N/A	N/A
SUPPORT	Hunter Corporation	2SX06CB-14/2SX07007X	N/A	N/A
SUPPORT	Hunter Corporation	2SX07BD-10/2SX09078X	N/A	N/A
SUPPORT	Hunter Corporation	2SX07CB-10/2SX09038X	N/A	N/A
SUPPORT	Hunter Corporation	2SX07CD-10/2SX09077X	N/A	N/A
SUPPORT	Hunter Corporation	2SX07EB-14/2SX09011X	N/A	N/A
SUPPORT	Hunter Corporation	2SX08BD-10/2SX07025X	N/A	N/A

Component Supports examined in accordance with Code Case N-491-1

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(BACK)

8. **Examination Dates** 10/07/02 to 04/09/04

9. **Inspection Interval:** 08/16/98 to 08/21/07

10. **Abstract of Examination.**
Include a list of examinations and a statement concerning status of work required for current interval.
Refer to the Outage Summary Report and ISI Program Plan

11. **Abstract of Conditions Noted.**
Refer to the Outage Summary Report

12. **Abstract of Corrective Measures Recommended and Taken.**
Refer to the Outage Summary Report

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

Certificate of Authorization No. (if applicable): N/A Experation Date: N/A

Date: 6-14-04 Signed for: Exelon Generation Company

By: Scott Esposito

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commision issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford CT. have inspected the components described in this Owner's Report during the period 10/7/02 to 4/9/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the 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, tests, and corrective measures described in this Owner's Report. Futhermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspectors Signature

Commissions: ILL-1254 Date: 6/30, 20 04

National Board, State, Province, and Endorsements

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2CS03A007S	N/A	N/A
SNUBBER	Pacific Scientific	2CS03A012S	N/A	N/A
SNUBBER	Pacific Scientific	2CS03B018S	N/A	N/A
SNUBBER	Pacific Scientific	2CS03B022S	N/A	N/A
SNUBBER	Pacific Scientific	2CS03B062S	N/A	N/A
SNUBBER	Pacific Scientific	2CS08015S	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2CV02002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV02006S	N/A	N/A
SNUBBER	Pacific Scientific	2CV02009S	N/A	N/A
SNUBBER	Pacific Scientific	2CV03002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV03009S	N/A	N/A
SNUBBER	Lisega	2CV04002S	N/A	N/A
SNUBBER	Lisega	2CV04012S	N/A	N/A
SNUBBER	Pacific Scientific	2CV04015S	N/A	N/A
SNUBBER	Pacific Scientific	2CV06004S	N/A	N/A
SNUBBER	Pacific Scientific	2CV08006S	N/A	N/A
SNUBBER	Pacific Scientific	2CV08010S	N/A	N/A
SNUBBER	Pacific Scientific	2CV08011S	N/A	N/A
SNUBBER	Pacific Scientific	2CV08013S	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 **4. Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2CV08021S	N/A	N/A
SNUBBER	Pacific Scientific	2CV09026S	N/A	N/A
SNUBBER	Pacific Scientific	2CV13034S	N/A	N/A
SNUBBER	Pacific Scientific	2CV15054S	N/A	N/A
SNUBBER	Pacific Scientific	2CV15055S	N/A	N/A
SNUBBER	Pacific Scientific	2CV22002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV22009S	N/A	N/A
SNUBBER	Pacific Scientific	2CV23005S	N/A	N/A
SNUBBER	Pacific Scientific	2CV23012S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25012S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25016S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25026S	N/A	N/A
SNUBBER	Pacific Scientific	2CV27001S	N/A	N/A

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3. **Plant Unit:** 2 **4. Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2CV29002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV31007S	N/A	N/A
SNUBBER	Pacific Scientific	2CV31020S	N/A	N/A
SNUBBER	Pacific Scientific	2CV34008S	N/A	N/A
SNUBBER	Pacific Scientific	2CV36002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV36004S	N/A	N/A
SNUBBER	Pacific Scientific	2CV36006S	N/A	N/A
SNUBBER	Pacific Scientific	2CV40007S	N/A	N/A
SNUBBER	Pacific Scientific	2CV40009S	N/A	N/A
SNUBBER	Pacific Scientific	2CV41009-S1	N/A	N/A
SNUBBER	Pacific Scientific	2CV41009-S2	N/A	N/A
SNUBBER	Pacific Scientific	2CV41012S	N/A	N/A
SNUBBER	Pacific Scientific	2CV50003S	N/A	N/A

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3. **Plant Unit:** 2 **4. Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2CV61020S	N/A	N/A
SNUBBER	Pacific Scientific	2CV64025S	N/A	N/A
SNUBBER	Pacific Scientific	2CV65009S	N/A	N/A
SNUBBER	Pacific Scientific	2CV66004S	N/A	N/A
SNUBBER	Pacific Scientific	2CV66010S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06116S	N/A	N/A

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3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2FW02003S	N/A	N/A
SNUBBER	Pacific Scientific	2FW02012S	N/A	N/A
SNUBBER	Pacific Scientific	2FW02016S	N/A	N/A
SNUBBER	Pacific Scientific	2FW03012S	N/A	N/A
SNUBBER	Pacific Scientific	2FW03016S	N/A	N/A
SNUBBER	Pacific Scientific	2FW03017S	N/A	N/A
SNUBBER	Pacific Scientific	2FW05022S	N/A	N/A
SNUBBER	Pacific Scientific	2FW06002S	N/A	N/A
SNUBBER	Pacific Scientific	2FW06005S	N/A	N/A
SNUBBER	Pacific Scientific	2FW06008S	N/A	N/A
SNUBBER	Pacific Scientific	2FW06013S	N/A	N/A
SNUBBER	Pacific Scientific	2FW07004-S1	N/A	N/A
SNUBBER	Pacific Scientific	2FW07004-S2	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2FW07005S	N/A	N/A
SNUBBER	Pacific Scientific	2FW07006S	N/A	N/A
SNUBBER	Pacific Scientific	2FW07014S	N/A	N/A
SNUBBER	Pacific Scientific	2FW07019S	N/A	N/A
SNUBBER	Pacific Scientific	2FW08005S	N/A	N/A
SNUBBER	Pacific Scientific	2FW08006S	N/A	N/A
SNUBBER	Pacific Scientific	2FW08007S	N/A	N/A
SNUBBER	Pacific Scientific	2FW08018S	N/A	N/A
SNUBBER	Pacific Scientific	2FW10001S	N/A	N/A
SNUBBER	Pacific Scientific	2FW12001S	N/A	N/A
SNUBBER	Pacific Scientific	2FW14002S	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2MS01074-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS01074-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS01079S	N/A	N/A
SNUBBER	Pacific Scientific	2MS01083-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS01083-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS01088S	N/A	N/A
SNUBBER	Pacific Scientific	2MS01092-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS01092-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS01097S	N/A	N/A
SNUBBER	Pacific Scientific	2MS01101-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS01101-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS01106S	N/A	N/A
SNUBBER	Pacific Scientific	2MS05007-S1	N/A	N/A

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 200 Exelon Way, Kennett Square, PA 19348
(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2MS05007-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS06007-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS06007-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS07006-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS07006-S2	N/A	N/A
SNUBBER	Pacific Scientific	2MS08007-S1	N/A	N/A
SNUBBER	Pacific Scientific	2MS08007-S2	N/A	N/A

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(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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2CV09028S	N/A	N/A
SNUBBER	Pacific Scientific	2CV09029S	N/A	N/A
SNUBBER	Pacific Scientific	2CV09031S	N/A	N/A
SNUBBER	Pacific Scientific	2CV09033S	N/A	N/A
SNUBBER	Pacific Scientific	2CV09034S	N/A	N/A
SNUBBER	Lisega	2CV11003S	N/A	N/A
SNUBBER	Pacific Scientific	2CV12006S	N/A	N/A
SNUBBER	Pacific Scientific	2CV13005S	N/A	N/A
SNUBBER	Pacific Scientific	2CV13031S	N/A	N/A
SNUBBER	Pacific Scientific	2CV14001S	N/A	N/A
SNUBBER	Pacific Scientific	2CV14004S	N/A	N/A
SNUBBER	Pacific Scientific	2CV15002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV15014S	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2CV15045S	N/A	N/A
SNUBBER	Pacific Scientific	2CV15053S	N/A	N/A
SNUBBER	Pacific Scientific	2CV24002S	N/A	N/A
SNUBBER	Pacific Scientific	2CV24003S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25019S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25020S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25023S	N/A	N/A
SNUBBER	Pacific Scientific	2CV25024S	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BA-A	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BA-B	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BB-A	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BB-B	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BC-A	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RC01BC-B	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BD-A	N/A	N/A
SNUBBER	Pacific Scientific	2RC01BD-B	N/A	N/A
SNUBBER	Pacific Scientific	2RC16001S	N/A	N/A
SNUBBER	Lisega	2RC16002S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16004S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16006S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16009S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16011S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16012S	N/A	N/A
SNUBBER	Pacific Scientific	2RC16013S	N/A	N/A
SNUBBER	Pacific Scientific	2RC17002S	N/A	N/A
SNUBBER	Pacific Scientific	2RC17003S	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RC17008S	N/A	N/A
SNUBBER	Pacific Scientific	2RC17015S	N/A	N/A
SNUBBER	Pacific Scientific	2RC17018S	N/A	N/A
SNUBBER	Pacific Scientific	2RC18001S	N/A	N/A
SNUBBER	Pacific Scientific	2RC18003S	N/A	N/A
SNUBBER	Pacific Scientific	2RC18007S	N/A	N/A
SNUBBER	Pacific Scientific	2RC18009S	N/A	N/A
SNUBBER	Pacific Scientific	2RC18014S	N/A	N/A
SNUBBER	Pacific Scientific	2RC90A001S	N/A	N/A
SNUBBER	Pacific Scientific	2RC90B008S	N/A	N/A
SNUBBER	Pacific Scientific	2RC90C015S	N/A	N/A
SNUBBER	Pacific Scientific	2RC90D022S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06015S	N/A	N/A

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Computer Generated Form

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(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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2RY06017S	N/A	N/A

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(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RH02002S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02003S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02013S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02059S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02068S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02107S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02115S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02116S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02117S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02120S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02121S	N/A	N/A
SNUBBER	Pacific Scientific	2RH07003S	N/A	N/A
SNUBBER	Pacific Scientific	2RH07006S	N/A	N/A

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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** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2RH07011S	N/A	N/A
SNUBBER	Pacific Scientific	2RH07012S	N/A	N/A
SNUBBER	Pacific Scientific	2RH07013S	N/A	N/A
SNUBBER	Pacific Scientific	2RH07017-S1	N/A	N/A
SNUBBER	Pacific Scientific	2RH07017-S2	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RC91001S	N/A	N/A
SNUBBER	Pacific Scientific	2RC92002S	N/A	N/A
SNUBBER	Pacific Scientific	2RY05003S	N/A	N/A
SNUBBER	Pacific Scientific	2RY05010S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06011S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06013S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06018S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06020S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06025-S1	N/A	N/A
SNUBBER	Pacific Scientific	2RY06025-S2	N/A	N/A
SNUBBER	Pacific Scientific	2RY06076S	N/A	N/A
SNUBBER	Pacific Scientific	2RY06114S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09001S	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RY09005S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09012S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09060-S1	N/A	N/A
SNUBBER	Pacific Scientific	2RY09060-S2	N/A	N/A
SNUBBER	Pacific Scientific	2RY09067-S1	N/A	N/A
SNUBBER	Pacific Scientific	2RY09067-S2	N/A	N/A
SNUBBER	Pacific Scientific	2RY09077S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09078S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09100S	N/A	N/A
SNUBBER	Pacific Scientific	2RY09101S	N/A	N/A
SNUBBER	Pacific Scientific	2RY27016S	N/A	N/A

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(Name and Address of Owner)

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Lisega	2SD01003S	N/A	N/A
SNUBBER	Lisega	2SD01005S	N/A	N/A
SNUBBER	Pacific Scientific	2SD02004S	N/A	N/A
SNUBBER	Pacific Scientific	2SD03001S	N/A	N/A
SNUBBER	Pacific Scientific	2SD03002S	N/A	N/A
SNUBBER	Pacific Scientific	2SD05002-S1	N/A	N/A
SNUBBER	Pacific Scientific	2SD05002-S2	N/A	N/A
SNUBBER	Pacific Scientific	2SD05003S	N/A	N/A
SNUBBER	Pacific Scientific	2SD06001S	N/A	N/A
SNUBBER	Pacific Scientific	2SD11002S	N/A	N/A
SNUBBER	Pacific Scientific	2SD21034S	N/A	N/A
SNUBBER	Pacific Scientific	2SD21036S	N/A	N/A
SNUBBER	Pacific Scientific	2SD22019S	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 **4. Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 **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.
SNUBBER	Pacific Scientific	2SD24026S	N/A	N/A

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(Name and Address of Plant)

3. **Plant Unit:** 2 4. **Owner Certificate Of Authorization** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2RH02061S	N/A	N/A
SNUBBER	Pacific Scientific	2RH02111S	N/A	N/A
SNUBBER	Pacific Scientific	2SI01023S	N/A	N/A
SNUBBER	Pacific Scientific	2SI03001S	N/A	N/A
SNUBBER	Pacific Scientific	2SI03003S	N/A	N/A
SNUBBER	Pacific Scientific	2SI03009S	N/A	N/A
SNUBBER	Pacific Scientific	2SI03014-S1	N/A	N/A
SNUBBER	Pacific Scientific	2SI03014-S2	N/A	N/A
SNUBBER	Pacific Scientific	2SI03018S	N/A	N/A
SNUBBER	Pacific Scientific	2SI06240S	N/A	N/A
SNUBBER	Pacific Scientific	2SI06266S	N/A	N/A
SNUBBER	Pacific Scientific	2SI09002-S1	N/A	N/A
SNUBBER	Pacific Scientific	2SI09002-S2	N/A	N/A

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(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** N/A

5. **Commercial Service Date:** 08/21/87 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.
SNUBBER	Pacific Scientific	2SI09014-S1	N/A	N/A
SNUBBER	Pacific Scientific	2SI09014-S2	N/A	N/A
SNUBBER	Pacific Scientific	2SI13026S	N/A	N/A
SNUBBER	Pacific Scientific	2SI13027S	N/A	N/A
SNUBBER	Pacific Scientific	2SI16037S	N/A	N/A
SNUBBER	Pacific Scientific	2SI18A049S	N/A	N/A
SNUBBER	Pacific Scientific	2SI20001S	N/A	N/A
SNUBBER	Pacific Scientific	2SI20003S	N/A	N/A
SNUBBER	Pacific Scientific	2SI22018S	N/A	N/A
SNUBBER	Pacific Scientific	2SI22020S	N/A	N/A

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

8. Examination Dates 10/07/02 to 04/09/04

9. Inspection Interval: 08/16/98 to 08/21/07

10. Abstract of Examination.
Include a list of examinations and a statement concerning status of work required for current interval.
Refer to the Outage Summary Report and ISI Program Plan

11. Abstract of Conditions Noted.
Refer to the Outage Summary Report

12. Abstract of Corrective Measures Recommended and Taken.
Refer to the Outage Summary Report

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

Certificate of Authorization No. (if applicable): N/A Experation Date: N/A

Date: 6-14-04 Signed for: Exelon Generation Company

By: Scott Esposito

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commision issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford CT. have inspected the components described in this Owner's Report during the period 10/7/02 to 4/9/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the 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, tests, and corrective measures described in this Owner's Report. Futhermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspectors Signature

Commissions: ILL-1254 Date: 6/30, 20 04

National Board, State, Province, and Endorsements

FILE: 3.11.1110

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

1. Owner Exelon Nuclear (Name) Date 9/16/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 00
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 00603188-03 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System [AB] BORIC ACID
5. (a) Applicable Construction Code Section III 19 71 Edition, W/72 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
PUMP/CASING/ MOTOR ASSY	CRANE CHEM PUMP	S/N: 19853-123	N/A	ETN: 0AB01PB CAT ID# 25768	1975	REPLACED	YES
PUMP CASING	CRANE CHEM PUMP	S/N: 0040714-1	N/A	CAT ID# 1025670 ETN: 0AB01PB	2000	REPLACED	YES
PUMP/MOTOR ASSEMBLY	CRANE CHEM PUMP	S/N: 2245280-1	N/A	CAT ID# 1384325 ETN: 0AB01PB	2003	REPLACMENT	YES

7. Description of Work REPLACE PUMP/CASING AND MOTOR ASSEMBLY – 0AB01PB
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 130 psi Test Temp. 200 °F

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

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FORM NIS-2 (Back)

9. Remarks WO 00603188-03

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed RRR Coord. Date 12/7 ,20 03

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 ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/3/03 to 12/8/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254

National Board, State Province, and Endorsements

Date Dec. 8 ,20 03

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

1. Owner Exelon Nuclear (Name) Date 04/29/03
4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
4450 N. German Church Road, Byron, Il. (Address) Work Request No. 00537802-01
3. Work Performed by Byron Mechanical Maintenance (Name) (Repair Organization, P.O. No., Job No., etc.) Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System CONTAINMENT SPRAY – (CS)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
PLATE (2)	TRW Mission	14629-C-04	N/A	2CS020A	1977	REPLACED	YES
PLATE (2)	TRW Mission	HT: 139H S/N's: 252 & 253	N/A	2CS020A CAT. ID.29245	1990	REPLACEMENT	YES

7. Description of Work REPLACE DUAL PLATES IN CHECK VALVE 2CS020A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 270 psi Test Temp. 67 °F

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

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FORM NIS-2 (Back)

9. Remarks WO 00537802-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Coord. Date 5/6 ,2003

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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 4/15/03 to 5/6/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NL-1254

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

Date May 6 ,20 03

DOCUMENT NO.: 33	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 9/18/03
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 01
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00366731-45** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CHEMICAL FEED & VOLUME CONTROL**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, ~~N-416-1~~ Code Case c/4/04
   ASME Section III 19 86 Edition, 1987 Addenda (valve)
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, ~~NONE~~ c/4/04 N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE, GATE 3" 900#	FLOWSERVE	E356T-11-5	N/A	2CV380A	2002	Replacement	YES
PIPE, 3" SCH.40	Consolidated Power Supply	HEAT CODE 30016	N/A	2CV104A	2002	Replacement	NO
ELBOW, PIPE, 3" SCH. 40	Consolidated Power Supply	HEAT CODE LYAI-2	N/A	2CV104A	2002	Replacement	NO
PIPE, 3" SCH.160	Consolidated Power Supply	HEAT CODE 900956	N/A	2CV104A	2001	Replacement	NO
TEE, PIPE, 3" SCH. 40	TAYLOR FORGE	HEAT CODE LWFF-1	N/A	2CV104A	2001	Replacement	NO
LUG, ATTACH., 1/2" x 1" x 4"	Energy Steel & Supply Co.	HEAT CODE 301045A	N/A	2CV104A	2002	Replacement	NO

7. Description of Work INSTALLED PIPING AND VALVE(S)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 360 psi Test Temp. 110 °F

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.

FORM NIS-2 (Back)

9. Remarks **Work Order No. 00366731-45**
Applicable Manufacturer's Data Reports to be attached
Code Case N-416-1 invoked.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] REPAIR/REPLACEMENT COORD. Date June 2, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 6/7/03 to 6/4/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: June 4, 20 04

(Final)

DOCUMENT NO.: 38	REV. NO.: 0

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

1. Owner Exelon Nuclear (Name) — Date 9/18/03
   4300 Winfield Road, Warrenville, IL (Address) — Sheet 1 of 2
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, IL (Address) — Work Order No. 00366731-45 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by N P S & W VENTURE (Name) — Type Code Symbol Stamp Not Applicable
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code ASME Section III 19 86 Edition, 1987 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE, GATE 3" CL. 900#	FLOWSERVE	CAT ID: 1230126	N/A	S/N E356T-11-5 2CV380A	2002	Repaired	YES

7. Description of Work REMOVED AND REPAIRED BASE METAL DEFECT.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 360 psi Test Temp. 110 °F

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.

FORM NIS-2 (Back)

9. Remarks **Work Order No. 00366731-45**
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] Repair/Replacement Coord S/U Date June 04, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/4/03 to 6/4/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: June 4, 20 04

DOCUMENT NO.: 16	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 9/17/03
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 01
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00366731-46** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CHEMICAL FEED & VOLUME CONTROL**
   ASME SECTION III 1980 EDITION 1981 ADDENDA (VALVES)
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, N-416-1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE, GATE,3" DOUBLE DISC	ANCHOR DARLING	E356T-11-4	N/A	2RH8703A	2001	Replacement	YES
VALVE, GATE,3" DOUBLE DISC	ANCHOR DARLING	E356T-11-6	N/A	2RH8703B	2001	Replacement	YES
WELDOLET, 16" RUN X 3" OUT	Consolidated Power Supply	HEAT CODE 1534ANA	N/A	2RH032AA-3	2002	Replacement	NO

7. Description of Work INSTALLED PIPING AND VALVE(S)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☒ Pressure 360 psi Test Temp. 123 °F

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.

FORM NIS-2 (Back)

9. Remarks Work Order 00366731-46
Applicable Manufacturer's Data Reports to be attached
Code Case N-416-1 invoked.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] REPAIR / REPLACEMENT COORD. B/U Date June 2, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 8/8/03 to 6/4/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: June 4, 20 04

DOCUMENT NO.: 5.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/01/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00386463-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CV, CHEMICAL VOLUME CONTROL**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, No Addenda, - Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Threaded Rod, 1"-8, SA193 B7	Nova Machine Products	Heat Code BGE	N/A	2CV04AB	1996	Replaced	NO
Threaded Rod, 1"-8, SA193 B7	Nova Machine Products	Heat Code EVZ	N/A	2CV04AB	1997	Replaced	NO
Threaded Rod, 1"-8, SA193 B7	Cardinal Industrial	Heat Code H2	N/A	2CV04AB	1995	Replaced	NO
Threaded Rod, 1"-8, SA193 B7	Nova Machine Products	Heat Code 13853	N/A	2CV04AB	2002	Replacement	NO

7. Description of Work REPLACED STUDS # 2 AND #4 ON COVER / CHANNEL HEAD
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks **Work Order No. 00386463-01**
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito RRR Date 4-22, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 4/5/04 to 4/22/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254
National Board, State Province, and Endorsements

Date: April 22, 20 04

(Final)

DOCUMENT NO.: 5.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date **04/01/04**
   4300 Winfield Road, Warrenville, IL (Address) Sheet **1** of **1**
2. Plant **Byron Nuclear Power Station** (Name) Unit **02**
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00386463-22** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CV, CHEMICAL VOLUME CONTROL**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, _____ Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LET DOWN HX	JOSEPH OATS CORP	2268-1D	908	2CV04AB	1976	Replaced	Yes
2"x2"x3/8" Plate, SA-515 Gr. 70	Energy Steel & Supply Co.	S/N 803Z61539 Slab# X41107	N/A	2CV04AB	2004	Replacement	No

7. Description of Work REPLACED METAL OVER HOLE IN HEAT EXCHANGER SUPPORT LEG.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   MT OF WELD Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks **Work Order No. 00386463-22**
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito Scott Esposito ERR Date 4-29, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 4/1/03 to 4/29/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature — Commissions NL-1854
National Board, State Province, and Endorsements

Date: April 29, 20 04

(Final)

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

1. Owner Exelon Nuclear — Date 4/8/04
   Name
   4300 Winfield Rd. Warrenville, Il. 60555 — Sheet 1 of 1
   Address
2. Plant Byron Nuclear Power Station — Unit 02
   Name
   4450 N. German Church Road, Byron, Il. — Work Order No. 491500-01
   Address — Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Byron Mechanical Maintenance — Type Code Symbol Stamp Not Applicable
   Name — Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. — Expiration Date Not Applicable
   Address
4. Identification of System CV
5. (a) Applicable Construction Code Section III 19 71 Edition, S72 Addenda, NONE Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY	N56900-00-0016	N/A	2CV8121	1976	REPLACED	YES
RELIEF VALVE	CROSBY	N56900-00-0015	N/A	2CV8121	1975	REPLACEMENT	YES
DISC INSERT	CROSBY VALVE & GAGE CO.	N90448-31-0018 N56900-00-0015	N/A	SPARE CAT ID#27260	1975	REPLACED	NO
DISC INSERT	CROSBY VALVE & GAGE CO.	N90448-85-0329 N56900-00-0015	N/A	CAT ID# 2056 Heat # 713562	1998	REPLACEMENT	NO
SPINDLE	CROSBY VALVE & GAGE CO.	N88669-38-0086 N56900-00-0015	N/A	SPARE CAT ID#27260	1975	REPLACED	NO
SPINDLE	CROSBY VALVE & GAGE CO.	K55162-86-0234 N56900-00-0015	N/A	CAT ID# 25707 Heat # 522337	1998	REPLACEMENT	NO
NOZZLE	CROSBY VALVE & GAGE CO.	N90137-31-0005 N56900-00-0015	N/A	SPARE CAT ID#27260	1975	REPLACED	NO
NOZZLE	CROSBY VALVE & GAGE CO.	N90137-11-0356 N56900-00-0015	N/A	CAT ID# 2055 Heat # 8656978	2000	REPLACEMENT	NO

7. Description of Work Installed replacement parts into the replacement valve, installed the replacement valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure 23psi Test Temp. 75 °F

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

This form has been electronically generated.

9. Remarks Replacement of listed internal valve parts followed by valve replacement per WO 491500-01.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed David A. Silva Date 5-20 ,20 04
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 **Illinois** and employed by **HSB CT.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 4/23/03 to 5/21/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1754
Inspector's Signature National Board, State Province, and Endorsements

Date May 21 ,20 04

DOCUMENT NO.: 3	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 12/4/03
4300 Winfield Road, Warrenville, IL 60555 (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
4450 N. German Church Road, Byron, IL 61010 (Address) **Work Order No. 00532776-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Mech. Maintenance** (Name) Type Code Symbol Stamp **Not Applicable**
4450 N. German Church Road, Byron, IL 61010 (Address) Authorization No. **Not Applicable**
Expiration Date **Not Applicable**
4. Identification of System **CHEMICAL VOLUME CONTROL SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, N71-11, N249-11 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
(c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-1/2	PACIFIC SCIENTIFIC	17317	N/A	2CV08021S	1981	Replaced	YES
SNUBBER, 303856RF1	LISEGA	03615883/003	N/A	2CV08021S	2003	Replacement	NO

7. Description of Work REPLACED PSA SNUBBER WITH A LISEGA SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks WO# 532776-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito (RRR Program) Date 12-23, 20 03
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 12/3/03 to 12/30/03, 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 IL-1254
Inspector's Signature
National Board, State Province, and Endorsements

Date: Dec. 30, 20 03

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 3/29/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00542967-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CHEMICAL VOLUME & CONTROL SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, N71-11, N249-11 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-1	PACIFIC SCIENTIFIC	10408	N/A	2CV11003S	1980	Replaced	YES
SNUBBER, 303856RF1	LISEGA	03615883/001	N/A	2CV11003S	2003	Replacement	NO

7. Description of Work REPLACED SNUBBER
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks **00542967-01**
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Date 4-6, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/17/03 to 4/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 13, 20 04

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 03/27/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00543049-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **CHEMICAL AND VOLUME CONTROL SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, 1644 Rev. 7, 1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-1	PACIFIC SCIENTIFIC	8062	N/A	2CV36004S	79	Replaced	YES
SNUBBER, PSA-1	PACIFIC SCIENTIFIC	10175	N/A	UTC#2065160 2CV36004S	80	Replacement	YES

7. Description of Work REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks 00543049-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Eggert RRR Date 4-5, 20 04

(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/11/03 to 4/5/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions 1LL-1254

National Board, State Province, and Endorsements

Date: April 5, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 03/30/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00665316-05
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System Chemical and Volume Control [CV]
5. (a) Applicable Construction Code Section III 19 71 Edition, W72 Addenda N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Discharge Head Sealing Area	Westinghouse Electric	S/N: 68823-D1-AB	207	2CV01PB S/N: 49773	1976	Repair	YES

7. Description of Work Weld repair imperfections on the discharge head to gland plate sealing surface
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure 2620 psi Test Temp. 78 °F

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

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FORM NIS-2 (Back)

9. Remarks Work Order 00665316-05

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed SMT RRR Coord. Date 6/1 ,20 04

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 **Illinois** and employed by **HSB CT.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/29/04 to 6/2/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254

National Board, State Province, and Endorsements

Date June 2 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 04/01/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00681929-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc. — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable — Expiration Date Not Applicable
4. Identification of System [CV] Chemical Volume
5. (a) Applicable Construction Code Section III 19 71 Edition, W/72 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE & GAGE CO	S/N: N56901-00-0024	N/A	ETN: 2CV8119	1978	REPLACED	YES
RELIEF VALVE	CROSBY VALVE & GAGE CO	S/N: N56901-00-0029	N/A	CAT ID # 43644	1979	REPLACEMENT	YES

7. Description of Work REPLACE RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 150 psi Test Temp. 110 °F

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

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FORM NIS-2 (Back)

9. Remarks Replace relief valve per WO 00681929-01.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed David A. Sible Date 5-20 ,20 04
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 **Illinois** and employed by **HSB CT.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/30/03 to 5/6/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[redacted] Commissions 11L-1254
Inspector's Signature National Board, State Province, and Endorsements

Date May 21 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 03/25/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00596746-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System [DG] DIESEL GENERATOR
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
LWR JW FLTG HEAD	AMERICAN STANDARD	S/N:9-20003-07-6	33538	ETN: 2DG01KB-X2	1979	REPLACED	YES
LWR JW FLTG HEAD	PENN IRON WORKS	S/N: 9913-1	431	CAT ID 16762 ETN: 2DG01KB-X2	2003	REPLACEMENT	YES
LWR JW END CVR: FLTG HD	AMERICAN STANDARD	S/N:9-20003-07-6	33538	ETN: 2DG01KB-X2	1979	REPLACED	YES
LWR JW END CVR: FLTG HD	PENN IRON WORKS	S/N: 9925-3	441	CAT ID 1390433 ETN: 2DG01KB-X2	2004	REPLACEMENT	YES
LWR JW END CVR: STA. HD	AMERICAN STANDARD	S/N:9-20003-07-6	33538	ETN: 2DG01KB-X2	1979	REPLACED	YES
LWR JW END CVR: STA. HD	PENN IRON WORKS	S/N: 9925-1	439	CAT ID 1390433 ETN: 2DG01KB-X2	2004	REPLACEMENT	YES

7. Description of Work REPLACE FLOATING, CHANNEL HD'S AND FLOATING & STATIONARY END COVERS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 8.2 psi Test Temp. 145 °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks W/O 00596746-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Clerk Date 5/31 ,20 04

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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 1/1/04 to 6/1/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254

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

Date June 1 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 03/25/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00596756-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address)
   Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System [DG] DIESEL GENERATOR
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
UPPER JW FLTG HEAD	AMERICAN STANDARD	S/N:9-20003-06-6	33534	ETN: 2DG01KB-X1	1979	REPLACED	YES
UPPER JW FLTG HEAD	PENN IRON WORKS	S/N: 9913-2	432	CAT ID 16762 ETN: 2DG01KB-X1	2003	REPLACEMENT	YES
UPPER JW END CVR: FLTG HD	AMERICAN STANDARD	S/N:9-20003-06-6	33534	ETN: 2DG01KB-X1	1979	REPLACED	YES
UPPER JW END CVR: FLTG HD	PENN IRON WORKS	S/N: 9925-4	442	CAT ID 1390433 ETN: 2DG01KB-X1	2004	REPLACEMENT	YES
UPPER JW END CVR: STA. HD	AMERICAN STANDARD	S/N:9-20003-06-6	33534	ETN: 2DG01KB-X1	1979	REPLACED	YES
UPPER JW END CVR: STA. HD	PENN IRON WORKS	S/N: 9925-2	440	CAT ID 1390433 ETN: 2DG01KB-X1	2004	REPLACEMENT	YES

7. Description of Work REPLACE STATIONARY, FLOATING, CHANNEL HD'S AND END COVERS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 8.2 psi Test Temp. 145 °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks Work Order 00596756-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed SMA RRR Coord Date 5/31 ,20 04
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 **Illinois** and employed by **HSB CT.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 1/7/04 to 6/1/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254
National Board, State Province, and Endorsements

Date June 1 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 03/18/04
   4300 Winfield Rd, Warrenville, IL 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 00
   4450 N. German Church Road, Byron, Il. (Address) — Purchase Order No. 00000223 Release 00062 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Ecker-Erhardt Co., Inc. (Name) — Type Code Symbol Stamp Not Applicable
   2347 W. 18th Street, Chicago, IL 60608-1808 (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System Diesel Generator [DG]
5. (a) Applicable Construction Code Section III 1974 Edition, S75 Addenda, None Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases Used None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Floating Channel Head	Penn Iron Works	N9913-1	431	Spare DG Jacket Water Coolet Cat ID 16762	2003	Repaired	Yes
Floating Channel Head	Penn Iron Works	N9913-2	432	Spare DG Jacket Water Coolet Cat ID 16762	2003	Repaired	Yes
Floating Channel Head	Penn Iron Works	N9913-3	433	Spare DG Jacket Water Coolet Cat ID 16762	2003	Repaired	Yes
Floating Channel Head	Penn Iron Works	N9913-4	434	Spare DG Jacket Water Coolet Cat ID 16762	2003	Repaired	Yes

7. Description of Work: Machine Flange Seal Surface of Spare DG Jacket Water Cooler Floating Channel Heads
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A
   Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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FORM NIS-2 (Back)

9. Remarks Purchase Order No. 00000223 Release 00062

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed [signature] RRR Coord Date 3/24 ,20 04

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 **Illinois** and employed by **HSB CT** of **Hartford, Ct.** have inspected the components described in this Owner's Report during the period 3/17/04 to 3/24/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1254

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

Date March 23 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 3/25/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 99285530-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System [DO] DIESEL OIL
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, _____ Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
INLET FLANGE STUDS	HUNTER	Unknown, see remarks	N/A	INLET FLANGE STUDS	1983	REPLACED	NO
INLET FLANGE STUDS	NOVA	Trace code K241 HT# 142710	N/A	CAT ID 37088	2004	REPLACEMENT	NO
INLET FLANGE NUTS	HUNTER	Unknown, see remarks	N/A	INLET FLANGE NUTS	1983	REPLACED	NO
INLET FLANGE NUTS	NOVA	Trace code K135 HT# B87035	N/A	INLET FLANGE NUTS	2004	REPLACEMENT	NO

7. Description of Work Relief valve 2DO020B inlet studs and nuts replaced per WO 99285530-01.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 39psi Test Temp. 77 °F

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

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FORM NIS-2 (Back)

9. Remarks: Relief valve 2DO020B inlet studs and nuts replaced per WO 99285530-01. The documentation for the replaced studs and nuts identifies them as ½". They were replaced because they were 5/8" and should have been ½". This discrepancy is documented on Exelon Condition Report 210698.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David A. Sibley Date 5-18 ,20 04

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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 12/8/03 to 5/18/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254

National Board, State Province, and Endorsements

Date May 18 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 3/25/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 99285532-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System [DO] DIESEL OIL
5. (a) Applicable Construction Code Section III 19 77 Edition, S/77 Addenda, NONE Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE AND GAGE CO.	N62578-00-0013	N/A	2DO020D	1980	REPLACED	YES
RELIEF VALVE	CROSBY VALVE AND GAGE CO.	N62578-00-0015	N/A	2DO020D	1980	REPLACEMENT	YES

7. Description of Work REPLACE RELIEF VALVE - 2DO020D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 39 psi Test Temp. 77 °F

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

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FORM NIS-2 (Back)

9. Remarks WORK ORDER 99285532-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David A. Nibe Date 4/23 ,20 04
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 12/8/03 to 4/23/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J Donnelly Commissions IL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 23 ,20 04

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 3-27-04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00543073-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **FEEDWATER SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, 1644 Rev. 7, 1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-3	PACIFIC SCIENTIFIC	25725	N/A	2FW07004S2	1982	Replaced	YES
SNUBBER, PSA-3	PACIFIC SCIENTIFIC	20690	N/A	2FW07004S2	1982	Replacement	YES

7. Description of Work REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks **00543073-01**

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito PRK (Owner or Owner's Designee, Title) Date 4-13, 20 04

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 9/11/03 to 4/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NL-1754 (National Board, State Province, and Endorsements)

Date: April 13, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 04/03/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Request No. 00678355-01
3. Work Performed by NWS Technologies,LLC (Name) — Repair Organization, P.O. No., Job No., etc.
   131 Venture Blvd, Spartanburg, SC 29306 (Address) — Type Code Symbol Stamp VR, NR
   Authorization No. 632 / 81
   Expiration Date 04/03/06 / 04/09/06
4. Identification of System MS MAIN STEAM
5. (a) Applicable Construction Code Section III 19 74 Edition, N/A Addenda, N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC, VALVE	DRESSER IND. VALVE	ADE61	N/A	2MS017A S/N BU01493	2001	REPLACED	NO
DISC, VALVE	DRESSER IND. VALVE	ADG14	N/A	2MS017A S/N BU01493	2001	REPLACEMENT	NO

7. Description of Work REPLACE VALVE DISC IN RELIEF VALVE - 2MS017A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A
   Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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FORM NIS-2 (Back)

9. Remarks W/O# 00678355-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed _____ RRR Coord Date 4/20 ,20 04

Owner's 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 **H.S.B. CT** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 3/22/04 to 4/21/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

_____ Commissions NB-1254

Inspector's Signature

National Board, State Province, and Endorsements

Date April 21 ,20 04

101300

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

1. Work performed by: **NWS Technologies, LLC** Purchase Order # 00071930
131 Venture Boulevard, Spartanburg, SC 29306

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	BU01493	n/a	steam	6"	78
(type)	(mfr's S/N)	(NB#)	(service)	(size)	(yr.built)

d: Construction Code:

ASME Section III	1974	n/a	n/a	2
(name/section/division)	(edition)	(addenda)	(Code Cases(s))	(Code Class)

6. ASME Code Section XI applicable for inservice inspection:

1989	n/a	n/a
(edition)	(addenda)	(Code Case(s))

7. ASME Code Section XI used for repairs, replacements:

1989	n/a	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

11. Description of work (include name and identifying number of replacement parts): Initial test, disassembled, replaced disc, lapped nozzle seat, cleaned, reassembled, certified set-pressure and seat tightness on steam.

12. Remarks: New disc s/n ADG14 installed. NWS Traveler # 04-53.

CERTIFICATE OF COMPLIANCE

I, 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 replacemtn 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, 2006.
National Board Certificate of Authorization No. 81 to use the "NR" stamp expires April 9, 2006.

3/29/04	NWS Technologies, LLC	Cesar Sierra	Manager, QA
Date	Repair Organization	Authorized representative	Title

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 Boiler of CT of Hartford, CT have inspected the repair, modification or replacement described in this report on 29 MAR. 2004 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.

3/29/04	Charles F. Toegel Jr.	NB # 8462, A, N, I NC# 1073
Date	Inspector's Signature	Commissions (NB (incl endorsements), jurisdiction,& no.)

HSB-ANII

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

1. Owner Exelon Nuclear (Name) — Date 04/04/2004
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00443701-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System [RC/IT] REACTOR COOLANT/ INCORE THERMOCOUPLE
5. (a) Applicable Construction Code Section III 19 71 Edition, S/73 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Seal Housing	Westinghouse	S/N: 5385G	N/A	ETN; 2RC01R	1987	REPLACED	NO
Seal Housing	Westinghouse	S/N: 5391G	N/A	ETN; 2RC01R	1987	REPLACED	NO
Seal Housing	Westinghouse	S/N: 5393G	N/A	ETN; 2RC01R	1987	REPLACED	NO
Seal Housing	Westinghouse	S/N: 5394G	N/A	ETN; 2RC01R	1987	REPLACED	NO
Seal Housing	Westinghouse	S/N: 5402G	N/A	ETN; 2RC01R	1987	REPLACED	NO
Seal Housing Assembly	Westinghouse Electric Corp.	HSG; B1203001 NUT; B1203001 COLLAR;B1003001	N/A	2RC01R TC#1 CET PORT#74	2002	REPLACEMENT	NO
Seal Housing Assembly	Westinghouse Electric Corp.	HSG; B1203002 NUT; B1203002 COLLAR;B1003002	N/A	2RC01R TC#2 CET PORT#75	2002	REPLACEMENT	NO
Seal Housing Assembly	Westinghouse Electric Corp.	HSG; B1203003 NUT; B1203003 COLLAR;B1003003	N/A	2RC01R TC#3 CET PORT#76	2002	REPLACEMENT	NO
Seal Housing Assembly	Westinghouse Electric Corp.	HSG; B1203004 NUT; B1203004 COLLAR;B1003004	N/A	2RC01R TC#4 CET PORT#77	2002	REPLACEMENT	NO
Seal Housing Assembly	Westinghouse Electric Corp.	HSG; B1203005 NUT; B1203005 COLLAR;B1003005	N/A	2RC01R TC#5 CET PORT#78	2002	REPLACEMENT	NO

7. Description of Work REPLACE THERMOCOUPLE CONOSEAL ASSEMLIES PER APPROVED EC# 332187
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2244 psi Test Temp. 559 °F

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

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FORM NIS-2 (Back)

9. Remarks Work Order No. 00443701-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed Scott Kennedy Date 4/13 ,2004

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 ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 1/22/04 to 4/21/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 12L-1254

National Board, State Province, and Endorsements

Date April 21 ,20 04

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512199 - 01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, (*) Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Inspection Port Cover	Westinghouse Electric Co.	HT D6203/6 S/N 1266-1	N/A	2RC01BA MJ - 152A	2002	Replaced	No
2" Inspection Port Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-2-2	N/A	2RC01BA MJ - 152A	2004	Replacement	No
2" Inspection Port Cover	Westinghouse Electric Co.	HT D6203/6 S/N 1198-2	N/A	2RC01BA MJ - 153A	2002	Replaced	No
2" Inspection Port Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-2-3	N/A	2RC01BA MJ - 153A	2004	Replacement	No
2" Inspection Port Cover	Westinghouse Electric Co.	HT D6203/6 S/N 1198-1	N/A	2RC01BA MJ - 154A	2002	Replaced	No
2" Inspection Port Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-2-5	N/A	2RC01BA MJ - 154A	2004	Replacement	No

7. Description of Work Replace Covers on IP# MJ-152A, MJ-153A, MJ-154A, and HH# MJ-158B. Replace Bolting on MJ-157B and MJ-159B.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**)Code Cases; 1355, 1484, 1493, 1528

WO 00512199-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed _____ RRR Coord (Owner or Owner's Designee, Title) Date 4/22, 20 04

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 9/15/03 to 4/22/04, 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 NL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 22, 20 04

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
4300 Winfield Road, Warrenville, IL (Address) Sheet 2 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512199 - 01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, (*) Addenda, (**) Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
(c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" Inspection Port Cover	Westinghouse Electric Co.	TO8133-15	N/A	2RC01BA MJ - 158B	1980	Replaced	No
6" Inspection Port Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-1-6	N/A	2RC01BA MJ - 158B	2004	Replacement	No
6" Inspection Port Bolts	Westinghouse Electric Co.	TO 8907, TO8001	N/A	2RC01BA MJ - 159B	1980	Replaced	No
6" Inspection Port Bolts	Westinghouse Electric Co.	U58	N/A	2RC01BA MJ - 159B	1980	Replaced	No
6" Inspection Port Bolts	Nova Machine Products	Heat: 73240 Ht Code H861	N/A	2RC01BA MJ - 159B	1989	Replacement	No
6" Inspection Port Bolts	Westinghouse Electric Co.	TO8907, TO8001, TO6398, TO8366, TO5338	N/A	2RC01BA MJ - 157B	1980	Replaced	No
6" Inspection Port Bolts	Nova Machine Products	Heat: 73240 Ht Code H861	N/A	2RC01BA MJ - 157B	2004	Replacement	No

(Final)

DOCUMENT NO.: 4-1	REV. NO.:

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

1. Owner **Exelon Nuclear** (Name) Date 04/01/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512200 - 01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System REACTOR COOLANT [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, (*) Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" Inspection Port Cover	Westinghouse Electric Co.	TO 7886	N/A	2RC01BB MJ - 173B	1980	Replaced	NO
6" Inspection Port Cover	Westinghouse Electric Co.	TO8133-41	N/A	2RC01BB MJ - 173B	1980	Replacement	NO
6" Inspection Port Bolting	Westinghouse Electric Co.	TO8001, TO807	N/A	2RC01BB MJ - 176B	1980	Replaced	NO
6" Inspection Port Bolt	Kilbourn Engineering	UB1	N/A	2RC01BB MJ - 176B	1978	Replaced	NO
6" Inspection Port Bolting	Nova Machine Products	Ht# 73240	N/A	2RC01BB MJ - 176B	2004	Replacement	NO
2.5" Access Port Cover	Westinghouse Electric Co.	Heat: D6203/6 S/N 1267-1	N/A	2RC01BB MJ - 180B	2002	Replaced	NO
2.5" Access Port Cover	Westinghouse Electric Co.	TO8083	N/A	2RC01BB MJ - 180B	1980	Replacement	NO

7. Description of Work Replace Inspection Port Covers on MJ-173B (9A)and MJ-180B (19A) & Bolting on MJ-176B (9D)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Cases 1355, 1493, 1484, 1528

WO 00512200-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed RRR Carol Date 4/22, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 4/5/03 to 4/22/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 1LL-1254
National Board, State Province, and Endorsements

Date: April 22, 20 04

DOCUMENT NO.: 4-1	REV. NO.:

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

1. Owner **Exelon Nuclear** (Name) Date 04/01/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512202 - 01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, (*) Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" Sludge Lance Cover	Westinghouse Electric Co.	HT: D6203/6 S/N: 1266-1	N/A	2RC01BC MJ - 190B	2002	Replaced	No
6" Sludge Lance Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-1-3	N/A	2RC01BC MJ - 190B	2004	Replacement	No
6" Sludge Lance Cover	Westinghouse Electric Co.	TO 7886-112	N/A	2RC01BC MJ - 192A	1979	Replaced	No
6" Sludge Lance Cover	Westinghouse Electric Co.	Heat: C6087 S# 1394-1-1	N/A	2RC01BC MJ - 192A	2004	Replacement	No

7. Description of Work Replace Sludge Lance Hand Hole Covers MJ-190B & MJ-192A - 2RC01BC

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Cases 1355, 1493, 1484, 1528

WO 512202-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RR Coord (Owner or Owner's Designee, Title) Date 4/22, 20 04

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 9/15/03 to 3/22/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] (Inspector's Signature) Commissions 12L-1254 (National Board, State Province, and Endorsements)

Date: April 22, 20 04

DOCUMENT NO.: 4-1	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/03/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512203 - 01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, (*) Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" Inspection Port Cover	Westinghouse Electric Co.	HT: D6203/6 S/N: 1239-4	N/A	2RC01BD MJ - 209B	2002	Replaced	No
6" Inspection Port Cover	Westinghouse Electric Co.	HT: C6087 S/N# 1394-1-2	N/A	2RC01BD MJ - 209B	2004	Replacement	No

7. Description of Work Replace Sludge Lance Cover MJ-209B (9C) - 2RC01BD

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) code Cases 1355, 1493, 1484, 1523

WO 00512203-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR COORD (Owner or Owner's Designee, Title) Date 4/22, 20 04

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 9/15/03 to 4/22/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Inspector's Signature Commissions ILL-1254 National Board, State Province, and Endorsements

Date: April 22, 20 04

DOCUMENT NO.: 3.2 REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/04/04
4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512204-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
(c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BA/MJ148B Bolt# 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Nova Machine Products	HT#: GE1	N/A	2RC01BA /MJ148B Bolt# 4 & 16 HOT LEG	1986	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht Code#: J940 Ht#: 2M34637	N/A	2RC01BA/MJ148B HOT LEG	2004	Replacement	No

7. Description of Work REPLACE PRIMARY MANWAY BOLTING (HOT & COLD LEG)- 2RC01BA

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 2244 psi Test Temp 559 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Case 1355, 1493, 1484, 1528

Work Order : 00512204-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed _____ Date 4/22, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/20/04 to 4/23/04, 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 IL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 23, 20 04

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner **Exelon Nuclear** (Name) Date 04/04/04
4300 Winfield Road, Warrenville, IL (Address) Sheet 2 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512204-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
(c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BA/MJ149B Bolt# 1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, & 16 COLD LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Nova Machine Products	HT: GE1	N/A	2RC01BA /MJ149B Bolt# 3 & 7 COLD LEG	1986	Replaced	No
Hex Hex Screws 1.875"x7.875"	Nova Machine Products	Ht Code#: J940 Ht#: 2M34637	N/A	2RC01BA/MJ149B COLD LEG	2004	Replacement	No

(Final)

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

1. Owner Exelon Nuclear (Name) Date 04/04/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) Work Order No. 00512205-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by N P S & W VENTURE (Name) Type Code Symbol Stamp Not Applicable
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code Section III 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BB/MJ165B Bolt# 1, 2, 5, 6, 7, 9, 10, 11, 13, & 15 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO5989 HT: 8878909	N/A	2RC01BB/MJ165B Bolt# 3, 4, & 16 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO5991 HT: 517W4539	N/A	2RC01BB/MJ165B Bolt# 14 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7. 5"	Westinghouse	R8421 HT: 7-1014	N/A	2RC01BB/MJ165B Bolt# 8 HOT LEG	1989	Replaced	No
Hex Hex Screws 1.875"x7.5"	Westinghouse	R8421 HT: 7-1014	N/A	2RC01BB/MJ165B Bolt# 12 HOT LEG	1992	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht#: J940 Ht#: 2M34637	N/A	2RC01BB/MJ165B HOT LEG	2004	Replacement	No

7. Description of Work REPLACE PRIMARY MANWAY BOLTING (HOT AND COLD LEG)- 2RC01BB

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2244 psi Test Temp 559 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Case 1355, 1493, 1484, 1528

Work Order : 00512205-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed SMA RRR Coord. Date 4/22, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/26/04 to 4/23/04, 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 IL-1254
(Inspector's Signature) (National Board, State Province, and Endorsements)

Date: April 23, 20 04

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner **Exelon Nuclear** (Name) Date 04/04/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 2 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512205-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BB/MJ166B Bolt# 2, 3, 4, 5, 6, 9, 11, 14, 15, & 16 COLD LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO5989 HT: 8878909	N/A	2RC01BB/MJ166B Bolt# 10 COLD LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.5"	Westinghouse	R8421 HT: 7-1014	N/A	2RC01BB/MJ166B Bolt# 1, 7, 12, & 13 COLD LEG	1992	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht#: J940 Ht#: 2M34637	N/A	2RC01BB/MJ166B COLD LEG	2004	Replacement	No

(Final)

DOCUMENT NO.: 3.2	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/-4/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512206-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BC/MJ182B Bolt# 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, &16 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO5989 HT: 8878909	N/A	2RC01BC /MJ182B Bolt# 1 HOT LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht Code# J940 HT#: 2M34637	N/A	2RC01BC/MJ182B HOT LEG	2004	Replacement	No

7. Description of Work REPLACE PRIMARY MANWAY BOLTING (HOT LEG AND COLD LEG) - 2RC01BC

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2244 psi Test Temp 559 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Case 1355, 1493, 1484, 1528

Work Order : 00512206-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed _____ R&R Coord. Date 4/23, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/20/04 to 4/23/04, 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 IL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 23, 20 04

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner **Exelon Nuclear** (Name) Date 04/04/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 2 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512206-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BC/MJ183B Bolt# 1, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, & 15 COLD LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO5991 HT: 8068517	N/A	2RC01BC /MJ183B Bolt# 2, & 6 COLD LEG	1980	Replaced	No
Hex Hex Screws 1.875"x7.500"	Westinghouse	R8421 HT: 8878909	N/A	2RC01BC /MJ183B Bolt# 3 & 16 HOT LEG	1992	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht Code# J940 HT#: 2M34637	N/A	2RC01BC/MJ183B COLD LEG	2004	Replacement	No

(Final)

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

1. Owner **Exelon Nuclear** (Name) Date 04/04/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00512207-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BD/MJ199B Bolt# 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15 HOT LEG	1980	Replaced	No
Hex Screws 1.875"x7.500"	NOVA	HT: GE1	N/A	2RC01BD /MJ199B Bolt# 4 & 16 HOT LEG	1986	Replaced	No
Hex Screws 1.875"x7.75"	Nova Machine Products	Ht Code#: J940 Ht#: 2M34637	N/A	2RC01BD/MJ199B HOT LEG	2004	Replacement	No

7. Description of Work REPLACE PRIMARY MANWAY BOLTS (HOT AND COLD LEGS) - 2RC01BD
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2244 psi Test Temp 559 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Cases 1355, 1493, 1484, 1528

Work Order : 00512207-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Coord (Owner or Owner's Designee, Title) Date 4/23, 20 04

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 3/29/04 to 4/23/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Inspector's Signature Commissions IL-1254 National Board, State Province, and Endorsements

Date: April 23, 20 04

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner **Exelon Nuclear** Date 04/04/04
   Name
   4300 Winfield Road, Warrenville, IL Sheet 2 of 2
   Address
2. Plant **Byron Nuclear Power Station** Unit 02
   Name
   4450 N. German Church Road, Byron, IL **Work Order No. 00512207-01**
   Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by **N P S & W VENTURE** Type Code Symbol Stamp **Not Applicable**
   Name Authorization No. **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 Expiration Date **Not Applicable**
   Address
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72* Addenda, (**) Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8713 HT: 8068517	N/A	2RC01BD/MJ200B Bolt# 5, 6, 7, 8, 9, 13, 14, 15, & 16 COLD LEG	1980	Replaced	No
Hex Screws 1.875"x7.500"	Erie Bolt Corp	TO8734-24	N/A	2RC01BD /MJ200B Bolt# 10 COLD LEG	1980	Replaced	No
Hex Screws 1.875"x7.500"	NOVA	HT: GE1	N/A	2RC01BD /MJ200B Bolt# 1, 2, 3, 4, 11, & 12 COLD LEG	1986	Replaced	No
Hex Hex Screws 1.875"x7.75"	Nova Machine Products	Ht Code#: J940 Ht#: 2M34637	N/A	2RC01BD/MJ200B COLD LEG	2004	Replacement	No

(Final)

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

1. Owner Exelon Nuclear (Name) Date 09/05/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 2
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 00518206-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System RC [REACTOR COOLANT
5. (a) Applicable Construction Code Section III 19 71 Edition, S/72 W/74 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
2" SPARE INSP. COVER MJ-152A	WESTINGHOUSE	TO5634	N/A	2RC01BA S/N; 2095 MJ-152A	1980	REPAIRED	NO
2" SPARE INSP. COVER MJ-153A	WESTINGHOUSE	TO5634	N/A	2RC01BA S/N; 2095 MJ-153A	1980	REPAIRED	NO
2" SPARE COVER MJ-154A	WESTINGHOUSE	TO5634	N/A	2RC01BB S/N; 2095 MJ-154A	1980	REPAIRED	NO
2.5" SPARE COVER MJ-180B	WESTINGHOUSE	TO8083	N/A	2RC01BA S/N; 2096 MJ-180B	1980	REPAIRED	NO
6" SPARE COVER MJ-209B	WESTINGHOUSE	TO8133-41	N/A	2RC01BD S/N; 2098 MJ-209B	1980	REPAIRED	NO

7. Description of Work RECONDITION SPARE S/G INSPECTION/HANDHOLE COVERS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks W74 for NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1, 4332.2, NB-4335, 4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached

WO 00518206-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed SMM RRR Coord Date 3/8 ,2004
Owner's 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 **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 8/5/03 to 3/10/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 122-1254
National Board, State Province, and Endorsements

Date March 10 , 20 04

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 03/28/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00542947-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd., Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **REACTOR COOLANT SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, N71-11, N249-11 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-1/2	PACIFIC SCIENTIFIC	13080	N/A	2RC16002S	1981	Replaced	YES
SNUBBER, 301856RF2	LISEGA	03615873/014	N/A	2RC16002S	2003	Replacement	NO

7. Description of Work REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks **WO# 00542947-01**
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito RRR Date 4-7, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/11/03 to 4/7/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions 12L-1254
National Board, State Province, and Endorsements

Date: April 7, 20 04

DOCUMENT NO.: 7.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) — Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) — Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) — Unit 02
   4450 N. German Church Road, Byron, IL (Address) — **Work Order No. 00599829 - 04** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Westinghouse Electric** (Name) — Type Code Symbol Stamp **Not Applicable**
   PO Box 158, Madison, PA 15663 (Address) — Authorization No. **Not Applicable**; Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, S72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Vessel Pad	Westinghouse Electric Co.	2098	18	2RC01BD 14A / MJ - 212A	1980	Repaired	Yes
Sec. Manway Closure Cover	Westinghouse Electric Co.	2098	18	2RC01BD 14A / MJ - 212A	1980	Repaired	Yes

7. Description of Work REPAIR SECONDARY MANWAY VESSEL PAD AND COVER BY MACHINING - 2RC01BD MJ-212A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335-2, & 4335-3
Applicable Manufacturer's Data Reports to be attached

** Code Cases 1355, 1484, 1493, 1528

Work Order 00559829-04

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Coord. Date 4/14, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/1/04 to 4/20/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 20, 20 04

DOCUMENT NO.: 4.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) — Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) — Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) — Unit 02
   4450 N. German Church Road, Byron, IL (Address) — **Work Order No. 00599829 - 07** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) — Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) — Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, S72* Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hex Hex Screws 1.25"x5.25"-8	Westinghouse	TO8798 HT: 8876672	N/A	2RC01BD 14A/MJ-212A	1980	Replaced	No
Hex Hex Screws 1.25"x5.25"-8	Nova Machine Products	Heat: 94914 Ht Code: EUN	N/A	2RC01BD 14A/MJ-212A	1997	Replacement	No

7. Description of Work REPLACE SECONDARY MANWAY BOLTING - 2RC01BD / MJ-212A

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) S72 / W74** (**) NB-2331(D), NB-2332(A)(2), NB-4332, NB-4334, 4334.1 & 4332.2, NB-4335.1, 2 & 3
Applicable Manufacturer's Data Reports to be attached
(**) Code Cases 1355, 1493, 1484, 1528

Work Order 00599829-07

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Coord. Date 4/14, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 2/26/04 to 4/20/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NL-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 20, 20 04

DOCUMENT NO.: 3.2	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/03/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00678929-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, S72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 1989 / No Addenda
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Bolt 1.25" x 5"	Nova Machine Products	Heat: 55766 Ht. Code: OK97	N/A	2RC01BA 14A / MJ - 162A Bolt # 1	1986	Replaced	No
Sec. Manway Closure Bolt 1.25" x 5"	Westinghouse.	Ht Trace: R74 Ht#: 29690	N/A	2RC01BA 14A / MJ - 162A Bolt # 1	1984	Replacement	No

7. Description of Work REPLACE SECONDARY MANWAY BOLT #1 - 2RC01BA - MJ-162A

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 ºF

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335-2, & 4335-3
Applicable Manufacturer's Data Reports to be attached
** Code Cases 1355, 1484, 1493, 1528
Work Order 00678929-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed SAT RRR Coord Date 4/20, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/30/04 to 4/21/04, 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 12L-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 21, 20 04

DOCUMENT NO.: 7.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00678929-02** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Westinghouse Electric** (Name) Type Code Symbol Stamp **Not Applicable**
   PO Box 158, Madison, PA 15663 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, S72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Pad	Westinghouse Electric Co.	2095	15	2RC01BA 14B / MJ - 162A	1980	Repaired	Yes
Sec. Manway Closure Cover	Westinghouse Electric Co.	2095	15	2RC01BA 14B / MJ - 162A	1980	Repaired	Yes

7. Description of Work REPAIR SECONDARY MANWAY VESSEL PAD AND COVER BY MACHINING - 2RC01BA MJ-162A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335-2, & 4335-3
Applicable Manufacturer's Data Reports to be attached
** Code Cases 1355, 1484, 1493, 1528
Work Order 00678929-02

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Good Date 4/16, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/27/04 to 4/20/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions ILL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date: April 20, 20 04

DOCUMENT NO.: 7.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00678935-02** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Westinghouse Electric** (Name) Type Code Symbol Stamp **Not Applicable**
   PO Box 158, Madison, PA 15663 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System (2RC01BD) Reactor Coolant
5. (a) Applicable Construction Code **Section III** 19 71 Edition, S72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Pad	Westinghouse Electric Co.	2097	17	2RC01BC 14A/ MJ - 195A	1980	Repaired	Yes
Sec. Manway Closure Cover	Westinghouse Electric Co.	2097	17	2RC01BC 14A/ MJ - 195A	1980	Repaired	Yes

7. Description of Work REPAIR SECONDARY MANWAY VESSEL PAD AND COVER BY MACHINING - 2RC01BC MJ-195A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335.2, & 4335.3
Applicable Manufacturer's Data Reports to be attached
** Code Cases 1355, 1484, 1493, 1528

Work Order 00678935-02

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Coord (Owner or Owner's Designee, Title) Date 4/14, 20 04

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 3/27/04 to 4/20/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Inspector's Signature

Commissions 4/20/04 ~~4/20~~ ILL-1254 National Board, State Province, and Endorsements

Date: April 20, 20 04

DOCUMENT NO.: 7.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00679810-02** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Westinghouse Electric** (Name) Type Code Symbol Stamp **Not Applicable**
   PO Box 158, Madison, PA 15663 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System (2RC01BD) Reactor Coolant
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Pad	Westinghouse Electric Co.	2096	16	2RC01BB 14B / MJ - 179A	1980	Repaired	Yes
Sec. Manway Closure Cover	Westinghouse Electric Co.	2096	16	2RC01BB 14B / MJ - 179A	1980	Repaired	Yes

7. Description of Work REPAIR SECONDARY MANWAY VESSEL PAD AND COVER BY MACHINING - 2RC01BB MJ-179A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335-2, & 4335-3
Applicable Manufacturer's Data Reports to be attached

** Code Cases 1355, 1484, 1493, 1528

Work Order 00679810-02

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed [signature] RRR Coord. (Owner or Owner's Designee, Title) Date 4/16, 20 04

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 3/27/04 to 4/16/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NL-1254

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

Date: April 16, 20 04

DOCUMENT NO.: 3.2	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00679826-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant [RC]
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 1989 / No Addenda
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Bolt	Westinghouse Electric Co.	TO8798	N/A	2RC01BD 14B / MJ - 213A Bolt # 9	1980	Replaced	NO
Sec. Manway Closure Bolt	Nova Machine Products	Heat: 94914 Ht Code: EUN	N/A	2RC01BD 14B / MJ - 213A Bolt # 9	1997	Replacement	NO

7. Description of Work REPLACE SECONDARY MANWAY BOLT #9 - 2RC 01BD - MJ-213A

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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.

FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335-2, & 4335-3
Applicable Manufacturer's Data Reports to be attached

** Code Cases 1355, 1484, 1493, 1528

Work Order 00679826-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed SMA RRR Coord. Date 4/14, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/30/04 to 4/19/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB-1254
National Board, State Province, and Endorsements

Date: April 19, 20 04

DOCUMENT NO.: 7.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 04/02/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00679826-02** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **Westinghouse Electric** (Name) Type Code Symbol Stamp **Not Applicable**
   PO Box 158, Madison, PA 15663 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System (2RC01BD) Reactor Coolant
5. (a) Applicable Construction Code **Section III** 19 71 Edition, 72 * Addenda, ** Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Sec. Manway Closure Pad	Westinghouse Electric Co.	2098	18	2RC01BD 14B / MJ - 213A	1980	Repaired	Yes
Sec. Manway Closure Cover	Westinghouse Electric Co.	2098	18	2RC01BD 14B / MJ - 213A	1980	Repaired	Yes

7. Description of Work REPAIR SECONDARY MANWAY VESSEL PAD AND COVER BY MACHINING - 2RC01BD MJ-212A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 1087 psi Test Temp 556 °F

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FORM NIS-2 (Back)

9. Remarks (*) W74: NB-2331(D); NB-2332(A) (2); NB-4332; NB-4334.1, & 4332.2; NB-4335.1, 4335.2, & 4335.3
Applicable Manufacturer's Data Reports to be attached
** Code Cases 1355, 1484, 1493, 1528

Work Order 00679826-02

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed SMS RRR Coord. Date 4/14, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/27/04 to 4/10/04, 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 12L-1254
Inspector's Signature — National Board, State Province, and Endorsements

Date: April 19, 20 04

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

1. Owner Exelon Nuclear (Name) Date 11/14/03
4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
4450 N. German Church Road, Byron, Il. (Address) Work Order No. 99270131-01
3. Work Performed by Byron Mechanical Maintenance (Name) (Repair Organization, P.O. No., Job No., etc.) Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System RESIDUAL HEAT REMOVAL [RH]
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, NO Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
FLANGE STUDS (12)	HUNTER CORP.	HT: 63311 Trace Code: UT	N/A	VALVE – 2RH607 JOINT #20	1981	REPLACED	NO
FLANGE STUDS (4)	NOVA MACHINE PRODUCTS	HT: 7526262 Trace Code: A444	N/A	VALVE – 2RH607 JOINT #20	2002	REPLACEMENT	NO
FLANGE STUDS (4)	NOVA MACHINE PRODUCTS	HT: 38219 Trace Code: D487	N/A	VALVE – 2RH607 JOINT #20	2002	REPLACEMENT	NO
FLANGE STUDS (4)	NOVA MACHINE PRODUCTS	HT: 68590 Trace Code: LMH	N/A	VALVE – 2RH607 JOINT #20	1998	REPLACEMENT	NO
FLANGE NUTS (24)	HUNTER CORP	Code: LIBP	N/A	VALVE - 2RH607 JOINT #20	1981	REPLACED	NO
FLANGE NUTS (24)	NOVA MACHINE PRODUCTS	HT: Q2280A Trace Code: D315	N/A	VALVE – 2RH607 JOINT #20	2002	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE STUDS/NUTS – VALVE 2RH607
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks WORK ORDER 99270131-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Coord
Owner or Owner's Designee, Title

Date 3/4 ,20 04

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 **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 7/2/02 to 3/4/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date March 4 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 01/24/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Request No. 99270132-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Expiration Date Not Applicable
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, None Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
FLANGE STUDS	TEXAS BOLT	HT CODE: HP 44	N/A	2RH618 MJ #28A	1979	REPLACED	NO
FLANGE NUTS	TEXAS BOLT	HT CODE: HP48	N/A	2RH618 MJ #28A	1979	REPLACED	NO
FLANGE STUDS	NOVA MACHINE PRODUCTS	HT: 7526262 HT CODE: J868	N/A	2RH618 MJ #28A	2003	REPLACEMENT	NO
FLANGE NUTS	NOVA MACHINE PRODUCTS	HT: Q2280A HT CODE: D315	N/A	2RH618 MJ #28A	2002	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE BOLTING WITH LONGER STUDS W/ WASHERS – 2RH618
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks * REPLACED 10 OF 12 STUDS/NUTS ON VALVE FLANGE. STUDS/NUTS ON #1 AND #12 WERE NOT REPLACED. WORK ORDER 99270132-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed [signature] RRR Coord. Date 1/27 ,20 04

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 ILLINOIS and employed by H.S.B. I.&I. Co. of CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 3/7/02 to 1/28/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254

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

Date Jan. 28 ,20 04

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

1. Owner Exelon Nuclear (Name) Date 11/14/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 99270133-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System RESIDUAL HEAT REMOVAL [RH]
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, NO Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
FLANGE STUDS (12)	HUNTER CORP.	HT: 63311 Trace Code: UT	N/A	VALVE – 2RH619 JOINT #19	1981	REPLACED	NO
FLANGE STUDS (12)	NOVA MACHINE PRODUCTS	HT: 7526262 Trace Code: D281	N/A	VALVE – 2RH619 JOINT #19	2002	REPLACEMENT	NO
FLANGE NUTS (24)	HUNTER CORP	Code: LIBP	N/A	VALVE – 2RH619 JOINT #19	1981	REPLACED	NO
FLANGE NUTS (24)	NOVA MACHINE PRODUCTS	HT: Q2280A Trace Code: D315	N/A	VALVE – 2RH619 JOINT #19	2002	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE STUDS/NUTS – VALVE 2RH619
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks WORK ORDER 99270133-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Coord
Owner's or Owner's Designee, Title

Date 3/4 ,20 04

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 **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 7/4/02 to 3/4/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1254
Inspector's Signature National Board, State Province, and Endorsements

Date March 4 ,20 04

ATTACHMENT 4
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI
Page 1 of 4

1. Owner Exelon Nuclear (Name) Date 3/27/04
   4300 Winfield Rd. Warrenville, IL 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Chruch Rd. Byron, IL 61010 (Address) 99150749-01 (Repair Organization P.O., Job No., etc)
3. Work Performed By Byron Mechanical Maintenance
   4450 N. German Chruch Rd. Byron, IL 61010 (Address)
   Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System Pressurizer relief (RY)
5. (a) Applicable Construction Code Section III 19 71 Edition, W72 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
   (c) Section XI code Cases used, N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Valve	Crosby	N56964-00-49	N/A	2RY8010C	1976	Replaced	YES
Safety Valve	Crosby	N5694-00-0031	N/A	Cat. Id. 24176	1976	Replacement	YES

7. Description of Work REMOVE/REPLACE PRESSURIZER RELIEF VALVE

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 2240 psi Test Temp. 652.4 °F

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

ATTACHMENT 4
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI
Page 2 of 4

9. Remarks Replacement of relief valve per WO 99150749-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed David A. Nisle (Owner or Owner's Designee, Title) Date 5-20, 20 04

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 of Province of Illinois and employed by H.S.B. CT. of Hartford, CT. Have inspected the components described in this Owner's Report during the period 8/23/03 to 5/21/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL-1254 (National Board, State, Province, and Endorsements)

Date May 21, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 11/01/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 480202-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System SERVICE AIR (SA)
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, None Code Case
   1986 Ed '87 Ad (replacement valve)
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
1" CHECK VALVE	ROCKWELL INT'L	S/N BF771	N/A	2SA181A	1982	REPLACED	YES
2" CHECK VALVE	FLOWSERVE CORP.	S/N:25AXB	N/A	2SA181A	2003	REPLACEMENT	YES
2", 300#, S.W.R.F. FLANGE	CONSOLIDATED POWER SUPPLY	HT# 4M38343 Code: BEY	N/A	2SA77BA	2003	REPLACEMENT	NO
STUDS- 5/8"-11 THD. ROD	NOVA MACHINE	HT: 99694 Code: RSM	N/A	2SA77BA	2000	REPLACEMENT	NO
NUTS – 5/8"-11	NOVA MACHINE	HT: B87035 Code: F390	N/A	2SA77BA	2002	REPLACEMENT	NO
2X1 INSERT	CONSOLIDATED POWER SUPPLY	HEAT CODE: 21J	N/A	2SA77BA	2003	REPLACEMENT	NO

7. Description of Work REPLACE 1" S.W. CHECK VALVE W/2" FLANGED CHECK VALVE PER EC #79849 – 2SA181A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 250 psi Test Temp. 75 °F

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

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FORM NIS-2 (Back)

9. Remarks WO # 00480202-1
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed RRR Coord. Date 3/5 ,20 04
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 ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 10/27/03 to 3/8/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions ILI-1254
National Board, State Province, and Endorsements

Date March 8 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 11/07/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00480204-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System SERVICE AIR (SA)
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, None Code Case
   1986 Ed '87 Ad (replacement valve)
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
1" CHECK VALVE	BW/IP INT'L	S/N 911C0004	N/A	2SA181D	1982	REPLACED	YES
2" CHECK VALVE	FLOWSERVE CORP.	S/N:23AXB	N/A	2SA181D	2003	REPLACEMENT	YES
2", 300#, S.W.R.F. FLANGE	CONSOLIDATED POWER SUPPLY	HT# 4M38343 Code: BEY	N/A	2SA77BD	2003	REPLACEMENT	NO
STUDS- 5/8"-11 THD. ROD	NOVA MACHINE	HT: 99694 Code: RSM	N/A	2SA77BD	2000	REPLACEMENT	NO
NUTS – 5/8"-11	NOVA MACHINE	HT: B87035 Code: F390	N/A	2SA77BD	2002	REPLACEMENT	NO
2X1 INSERT	CONSOLIDATED POWER SUPPLY	HEAT CODE: 056K	N/A	2SA77BD	2003	REPLACEMENT	NO

7. Description of Work REPLACE 1" S.W. CHECK VALVE W/2" FLANGED CHECK VALVE PER EC #79849 – 2SA181D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 245 psi Test Temp. 85 °F

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

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FORM NIS-2 (Back)

9. Remarks WO # 00480204-1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed RRR Coord Date 3/8 ,20 04

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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 2/6/03 to 3/10/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions ILL-1254

National Board, State Province, and Endorsements

Date March 10 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 12/04/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. — Work Order No. 00480204-09
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Expiration Date Not Applicable
4. Identification of System STATION AIR [SA]
5. (a) Applicable Construction Code Section III 19 86 Edition, 87 Addenda, NONE Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
CHECK VALVE	FLOWSERVE CORP	23AXB	N/A	EPN 2SA181D	2003	REPLACED	YES
CHECK VALVE	FLOWSERVE CORP	22AXB	N/A	EPN 2SA181D	2003	REPLACEMENT	YES

7. Description of Work REPLACE CHECK VALVE WITH A LIKE-FOR-LIKE CHECK VALVE - 2SA181D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 245 psi Test Temp. 85 °F

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

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FORM NIS-2 (Back)

9. Remarks WO 00480204-09

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Coord. Date 3/3 ,20 04

Owner's 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 **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 11/4/03 to 3/10/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NB-1254

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

Date March 10, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 02/13/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00480205-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc. — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable — Expiration Date Not Applicable
4. Identification of System SERVICE AIR (SA)
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, None Code Case
   1986 Edition '87 Addenda (Replacement Valve)
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
1" CHECK VALVE	Rockwell International	BF770	N/A	2SA181B	1982	REPLACED	YES
2" CHECK VALVE	FLOWSERVE CORP.	19AXB	N/A	2SA181B	2003	REPLACEMENT	YES
2", 300#, S.W.R.F. FLANGE	CONSOLIDATED POWER SUPLY	HT# 3M40774 Code: WFF	N/A	2SA77BB	2003	REPLACEMENT	NO
THREADED ROD 5/8"-11	NOVA MACHINE	HEAT #99694 CODE:RSM	N/A	2SA77BB	2000	REPLACEMENT	NO
NUTS, 5/8"-11	NOVA MACHINE	HEAT# B87035 CODE: F390	N/A	2SA77BB	2002	REPLACEMENT	NO
2"X1" INSERT	CONSOLIDATED POWER SUPLY	HT# 21J	N/A	2SA77BB	2003	REPLACEMENT	NO

7. Description of Work REPLACE 1" S.W. CHECK VALVE W/2" FLANGED CHECK VALVE PER EC #79850
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 250 psi Test Temp. 79.3 °F

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

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FORM NIS-2 (Back)

9. Remarks WO# 00480205-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed [signature] RRR Coord. Date 4/13 ,20 04
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 10/28/03 to 4/16/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 16 ,20 04

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date 03/23/04
   4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 2
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00542948-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   Authorization No. **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Expiration Date **Not Applicable**
4. Identification of System **STEAM GENERATOR BLOWDOWN SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, N71-1, N249-11 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-1/2	PACIFIC SCIENTIFIC	3997	N/A	2SD01003S	1977	Replaced	YES
SNUBBER, 301856RF2	LISEGA	03615873-008	N/A	2SD01003S	2003	Replacement	NO

7. Description of Work REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks 00542948-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito RRR Date 4-5, 20 04
(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/1/03 to 4/5/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1754
National Board, State Province, and Endorsements

Date: April 6, 20 04

DOCUMENT NO.: 3.0	REV. NO.: 0

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

1. Owner **Exelon Nuclear** (Name) Date **3-23-04**
   4300 Winfield Road, Warrenville, IL (Address) Sheet **1** of **2**
2. Plant **Byron Nuclear Power Station** (Name) Unit **02**
   4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00542950-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
   555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
   Expiration Date **Not Applicable**
4. Identification of System **STEAM GENERATOR BLOWDOWN SYSTEM**
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, N71-11, N249-11 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Section XI Code Cases used, NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SNUBBER, PSA-Enter Size	PACIFIC SCIENTIFIC	3091	N/A	2SD01005S	1977	Replaced	YES
SNUBBER, 301856RF1	LISEGA	03615873-010	N/A	2SD01005S	2003	Replacement	NO

7. Description of Work REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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.

FORM NIS-2 (Back)

9. Remarks 00542950-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed Scott Esposito RRR Date 4-4, 20 04
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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9/11/03 to 4/7/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 12L-1254
National Board, State Province, and Endorsements

Date: April 7, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 4/1/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 99150976-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System SI SAFETY INJECTION
5. (a) Applicable Construction Code Section III 19 71 Edition, S/72 Addenda, None Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE & GUAGE CO.	N56902-00-0007	N/A	2SI8856A	1975	REPLACED	YES
RELIEF VALVE	CROSBY VALVE & GUAGE CO.	N56902-00-0015	N/A	2SI8856A	1976	REPLACEMENT	YES

7. Description of Work REPLACE VALVE PER PM PROGRAM - 2SI8856A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 45 psi Test Temp. 86 °F

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

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FORM NIS-2 (Back)

9. Remarks Work Order 99150976-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed David A. Silver Date 5-21, 2004
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 ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/6/04 to 5/24/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J Dendrickson Commissions 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date May 24, 20 04

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

1. Owner Exelon Nuclear (Name) — Date 04/29/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Request No. 00385072-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System SX
5. (a) Applicable Construction Code Section III 19 77 Edition, W/78 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
BALL	SEM TEC Inc. & Energy Products	80-52894-5-120	N/A	2SX2183A	1981	REPLACED	Yes
BALL	ITT INDUSTRIES ENG VALVES	S/N: 643614-1-1 HT# 772163 #27	N/A	2SX2183A CAT ID 025892	1999	REPLACEMENT	Yes

7. Description of Work REPLACE BALL IN VALVE 2SX2183A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

9. Remarks WO 00385072-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed [signature] RRR Coord Date 5/6 ,2003

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

9m 5/6/03

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 ~~H.S.B. I.&I. Co.~~ ASB-CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 12/13/01 to 5/6/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 12L-1654

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

Date May 6 ,20 03

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

1. Owner Exelon Nuclear (Name) Date 04/29/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, Il. (Address) Work Request No. 00385073-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System SX
5. (a) Applicable Construction Code Section III 19 77 Edition, W/78 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
BALL	SEM TEC Inc. & Energy Products	80-52894-5-138	N/A	2SX2082C	1981	REPLACED	YES
BALL	ITT ENG. VALVES	S/N: 715467-1-1	N/A	2SX2082C CAT ID 025892	2003	REPLACEMENT	YES

7. Description of Work REPLACE BALL IN VALVE 2SX2082C
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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FORM NIS-2 (Back)

9. Remarks WO . 00385073-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed RRR Coord. Date 5/6 ,2003

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 **ILLINOIS** and employed by ~~H.S.B.I.&I. Co.~~ HSB CT of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 12/13/01 to 5/6/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254

National Board, State Province, and Endorsements

Date May 6 , 20 03

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

1. Owner Exelon Nuclear (Name) Date 6/2/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 00412214-01
3. Work Performed by Byron Mechanical Maintenance (Name) (Repair Organization, P.O. No., Job No., etc.) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System SX ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, W/75 Addenda, N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
CHECK VALVE	ANDERSON GREENWOOD	A-120	N/A	CAT ID 34896-1	1977	REPLACED	~~NO~~ YES DAS 8/21/03
CHECK VALVE	ANDERSON GREENWOOD	N26535	N/A	CAT ID 34896-1	1990	REPLACEMENT	~~NO~~ YES DAS 8/21/03
CHECK VALVE	ANDERSON GREENWOOD	N26535	N/A	CAT ID 34896-1	1990	REPLACEMENT NOTE 1	NO
CHECK VALVE	ANDERSON GREENWOOD	N26535	N/A	CAT ID 34896-1	1990	REPAIRED NOTE 1	~~NO~~ YES DAS 8/21/03

7. Description of Work Valve replacement per PM program. Note 1: Repair and Replacement by Crane – see remarks
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure 112 psi Test Temp. 71 °F

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

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FORM NIS-2 (Back)

9. Remarks Replacement of complete valve per Work Order 412214-01. Refurbishment of replacement valve N26535 (repair and parts replacement) performed by Crane Nuclear, Inc. per purchase order 59520. See attached Crane Nuclear Form NR-1.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David A. Silver Date 9-3 ,20 03

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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 4/23/03 to 9/3/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions IL-1254

National Board, State Province, and Endorsements

Date Sept. 3 ,20 03

91716

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

1. Work performed by : CRANE Nuclear, Inc. (name of NR certificate holder) — PO # 00059520. Rev. 001 (P.O. no., job no., etc.)
860 Remington Blvd., Bolingbrook, IL 60440 (address)

2. Owner Exelon Generation Company LLC (name)
PO Box 805388, Chicago, IL 60680-5388 (address)

3. Name, address and identification of nuclear power plant Byron Nuclear Station
4450 North German Church Rd., Byron IL 61010

4. System N/A

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

	Identification							Construction Code				Activity
No.	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	6" Check Valve	Anderson, Greenwood	N26535	N/A	N/A	None	1990	B&PV Section III Division 1	1974 Winter 75	None	3	Repair/ Replace
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

5b. Items Installed During Replacement Activities

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

6. ASME Code Section XI applicable for inservice inspection: None (edition) — None (addenda) — None (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 (edition) — None (addenda) — None (Code Case(s))

8. Construction Code used for repairs, modifications, or replacements: 1974 (edition) — Winter 75 (addenda) — None (Code Case(s))

9. Design responsibilities Anderson, Greenwood and Co. (Houston, TX)

10. Tests conducted: hydrostatic ☒ pneumatic ☐ design pressure ☐ pressure 450 psi Code Case(s) None

HSB-ANII
5/30/03

NATIONAL BOARD INSPECTION CODE

91716

11. Description of work Clean & blast valve Body, inspect, grind/machine Flange & Seating surface, PT Flange & Seating Surface, repair weld, machine repair area, PT repair area, reassemble using customer supplied parts, performed Hydrostatic Shell & Seat tests, cleaned, "NR" Stamped, painted, ship. The following customer supplied parts were Replaced:

(use of properly identified additional sheet(s) or sketch(es) is applicable)

PART	CAT ID #	SERIAL #	PART	CAT ID #	SERIAL #
Bushing Link	38586-1	N/A	Hinge Pin Bushing	21094-1	N/A
Cotter Pin	483579-4	N/A	Torsion Spring	35594-2	N/A
Bushing Seal	483607-4	N/A	Hinge Pin	38515-1	N/A
Hinge Pin Sleeve	483760-4	N/A	Linkage Link	35474-2	0002063631
Bolt Seal	496187-4	N/A	Helicoil	35544-1	N/A
Hex Nut	20610-1	N/A			
Hex Screw	20704-1	N/A			
Valve Plate (Disc)	21090-1	A982-4			

12. Remarks CNI SO No. 21973-02
Description of Valve: 6" Model CVIB-0615-SCM-N8, 150#, Check Valve
Original Equipment Manufacturer was Anderson, Greenwood and Company (Houston, TX)

Note: Existing washers (Part Number 04-2206-004) had been cleaned and reused.

CERTIFICATE OF COMPLIANCE

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

National Board Certificate of Authorization No. NR-24 to use the "NR" stamp expires February 17, 2006

NR Certificate Holder CRANE Nuclear, Inc.

Date May 28, 2003 Signed [signature] (authorized representative) Sr. Quality Assurance Engineer (title)

CERTIFICATE OF INSPECTION

I, Todd Ward, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Illinois and employed by HSBCT of Hartford, CT have Inspected the repair, modification or replacement described in this report on May 27, 2003 and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "NR" rules.

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

Date May 27, 2003 Signed [signature] (Inspector) Commissions NB 11557 ANI, IL 1903
National Board (incl endorsements), jurisdiction, and no.)

FILE: 3.11.1110

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

1. Owner Exelon Nuclear (Name) Date 3/27/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 00
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 474517-01
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable (Repair Organization, P.O. No., Job No., etc.)
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System [SX] ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
UPPER SEISMIC RESTRAINT	HUNTER	N/A	N/A	H-FSK-14-1 ETN: 0SX02PA	1984	REPLACED	NO
¾ STUDS	HUNTER	N/A	N/A	ETN: 0SX02PA H-FSK-14-1	1984	REPLACED	NO
¾" STUDS	Nova Machine	Heat # 14534	N/A	ETN: 0SX02PA Cat ID# 37094	2002	REPLACEMENT	NO
¾" Hex Nuts	HUNTER	N/A	N/A	ETN: 0SX02PA H-FSK-14-1	1984	REPLACED	NO
¾" Hex Nuts	Nova Machine	Heat # B87035	N/A	ETN: 0SX02PA Cat ID: 37031	2002	REPLACEMENT	NO

7. Description of Work MODIFY SEISMIC RESTRAINT PER DCP 9900414, REPLACE 3/4" ORIGINAL BOLTING
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   VT-3 Other ☒ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

9. Remarks Work performed per Work Order 474517-01.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David A. Sibley Date 6-9 ,20 03
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 2/12/03 to 6/10/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J Donnelly Commissions NL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date June 10 ,20 03

ATTACHMENT 4
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI
Page 1 of 4

1. Owner **Exelon Nuclear** (Name) Date 3/31/04
4300 Winfield Road, Warrenville, IL (Address) Sheet 1 of 1
2. Plant **Byron Nuclear Power Station** (Name) Unit 02
4450 N. German Church Road, Byron, IL (Address) **Work Order No. 00493157-01** (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by **N P S & W VENTURE** (Name) Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 (Address) Authorization No. **Not Applicable**
Expiration Date **Not Applicable**
4. Identification of System ESSENTIAL WATER (SX)
5. (a) Applicable Construction Code **Section III** 19 74 Edition, S75 Addenda, 1702 1773 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
(c) Section XI Code Cases used, N-416-2
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Wafer Valve	Jamesbury	ND-48858-22B	N/A	2SX001B	1978	Replaced	YES
Wafer Valve	Enertech	KKI-002	N/A	2SX001B	2002	Replacement	YES

7. Description of Work Remove and install replacement valve for 2SX001B.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 30 psi Test Temp. 68 °F

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.

ATTACHMENT 4
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI
Page 2 of 4

9. Remarks Replacement of valve 2SX001B per WO 493157-01. To facilitate removal of the replaced valve, the pipe immediately downstream of the valve flange was cut and welded, under this same work order.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable**

Signed David C. Siber Date 6-4, 20 04

(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 **Illinois** and employed by **HSB CT** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 9-22-03 to 6-7-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions 11557 ABEN IL 1903

National Board, State Province, and Endorsements

Date: 6-07, 20 04

FILE: 3.11.1110 FILE 1110

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

1. Owner Exelon Nuclear (Name) Date 10-28-03
4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 00
4450 N. German Church Road, Byron, Il. (Address) Work Order No. 00575126-01
3. Work Performed by Byron Mechanical Maintenance (Name) (Repair Organization, P.O. No., Job No., etc.) Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. (Address) Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System [SX] ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, W75 Addenda, 1567 1682 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	ANCHOR/DARLING VALVE CO.	S/N 1 HT# D8755	N/A	0SX063A	1978	REPLACED	NO
DISC	ANCHOR/DARLING VALVE CO.	S/N 3 HT # T9930	N/A	CAT ID 1392097-1 0SX063A	1992	REPLACEMENT	YES
DISC	ANCHOR/DARLING VALVE CO.	S/N 3 HT # T9930	N/A	CAT ID 1392097-1 0SX063A	1992	REPAIRED	YES

7. Description of Work REPLACE VALVE DISC IN 0SX063A. MACHINE REPLACEMENT DISC FOR FIT.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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FORM NIS-2 (Back)

9. Remarks INVOKED CODE CASE N-528-1 FOR TRANSFER OF MATERIAL BETWEEN NUCLEAR PLANT SITES
Applicable Manufacturer's Data Reports to be attached

WO 00575126-01

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement & Repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David A. Silva Date 11-10 ,20 03
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 9/11/03 to 11/10/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions IL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date Nov. 10 ,20 03

FILE: 3.11.1110

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

1. Owner Exelon Nuclear (Name) Date 1/8/1999
   4300 Winfield Rd, Warrenville, IL 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 01
   4450 N. German Church Road, Byron, Il. (Address) Work Request No. 97124110-01
3. Work Performed by Byron Mechanical Maintenance (Name) Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System Essential service water (sx)
5. (a) Applicable Construction Code Section III 1974 Edition, S/75 Addenda, No Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable Section XI Code Case(s) NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Orifice Flange	Coffer Corp.	HT Code: VBP7	N/A	SI# 703D23 0FE-286	1997	Replacement	No
Pipe- 6" Sch. 40 SA-106 Gr B	US Steel Corp.	HT # X04284	N/A	SI# 768A33 0SX79BB	1995	Replacement	No
¾" Hex Nut SA-194 Gr 2H	Nova	HT Code EKP HT# 8098740	N/A	SI# 796D01 0FE-286	1997	Replacement	No
¾" Threaded Rod SA-193 Gr B7	Nova	HT Code: HCY HT# 55173	N/A	SI# 796D75 0FE-286	1997	Replacement	No
Orifice Plate	Energy Steel & Supply	HT# AB83	N/A	SI# 706F21 0FE-286	1998	Replacement	No

7. Description of Work: Install new orifice Flange per DCP 9700732 (0FE-286)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 15-20 psig Test Temp. 70-80 °F

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

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FORM NIS-2 (Back)

9. Remarks WR 97124110-01

Applicable Manufacturer's Data Reports to be attached

Replaced pipe 0SX79BB-6", was Class D. Replacement Pipe and orifice flange is ASME Section III, Class 3.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed [signature] RRR COORDINATOR Date 12/7 ,20 03

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 **Illinois** and employed by **HSB CT** of **Hartford, Ct.** have inspected the components described in this Owner's Report during the period 9/3/98 to 12/8/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions ILL-1254

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

Date Dec. 8 ,20 03

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

1. Owner Exelon Nuclear (Name) Date 1/28/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 98111067-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System [SX] ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
BUTTERFLY VALVE	JAMESBURY	ND48858-15A	N/A	ETN:2SX150A	1978	REPLACED	YES
BUTTERFLY VALVE	ENERTECH	11113	N/A	CAT ID# 1034054 DWG.; MD20636	2001	REPLACMENT	YES

7. Description of Work REPLACE 8" BUTTERFLY VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure 102 psi Test Temp. 75 °F

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

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9. Remarks Replace butterfly valve per WO 98111067
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed David A. Silva Date 2-18 ,2003
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 ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 4/19/02 to 2/18/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 12L-1254
National Board, State Province, and Endorsements

Date 2/18 ,20 03

FILE: 3.11.1110

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

1. Owner Exelon Nuclear (Name) Date 04/17/03
   4300 Winfield Rd, Warrenville, IL 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 01
   4450 N. German Church Road, Byron, Il. (Address) Work Request No. 99000336-01
3. Work Performed by Byron Mechanical Maintenance (Name) Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System Essential Service Water (SX)
5. (a) Applicable Construction Code Section III 1974 Edition, W75 Addenda, None Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE DISC	Anchor/Darling Valve Co.	S/N: R3481 HT: A1607	N/A	0SX161B Valve S/N: E-6220-4-10	1978	Replaced	No
VALVE DISC	Flowserve Corp	S/N: 3 HT: B6516	N/A	0SX161B	2000	Replacement	Yes
VALVE DISC	Flowserve Corp	S/N: 3 HT: B6516	N/A	0SX161B	2000	Repaired	Yes
BONNET STUDS	Anchor/Darling Valve Co.	HT: 8888960	N/A	0SX161B Valve S/N: E-6220-4-10	1978	Replaced	No
BONNET STUDS	Nova Machine Products	HT: 7404456 Code: F469	N/A	0SX161B	2002	Replacement	No
BONNET HEX NUTS	Anchor/Darling Valve Co.	HT: X44392	N/A	0SX161B Valve S/N: E-6220-4-10	1978	Replaced	No
BONNET HEX NUTS	Nova Machine Products	HT: B87035 Code: B711	N/A	0SX161B	2001	Replacement	No

7. Description of Work: Replace Valve Disc and Bonnet Bolting. Machine Replacement Disc to Fit Valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 15 psi Test Temp. 70 °F

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

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FORM NIS-2 (Back)

9. Remarks WO 99000336-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement & Repair conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed [signature] RRR Coord. Date 9/15 ,2003

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 Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 9/13/00 to 9/16/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions 11L-1254

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

Date 9/16 ,20 03

FILE: 3.11.1110

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

1. Owner Exelon Nuclear (Name) — Date 4/3/03
   4300 Winfield Rd, Warrenville, IL 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit n/a - spare valve
   4450 N. German Church Road, Byron, Il. (Address) — Purchase Order No. 00051692 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Anderson Greenwood Crosby (Name) — Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   1655 Jarvis Ave, Wrentham MA 60007 (Address) — Expiration Date Not Applicable
4. Identification of System Essential Service Water (SX)
5. (a) Applicable Construction Code Section III 1974 Edition, W/75 Addenda, Code Case n/a
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
36" Check Valve	Anderson Gteenwood	N-95150-01-0003 (after repair)	-----	s/n A129 (prior to repair)	1978	Repaired	yes

7. Description of Work: Valve seat refurbished with stainless steel overlay per purchase order 00051692
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure 425 psi Test Temp. n/a °F

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

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FORM NIS-2 (Back)

9. Remarks This check valve is a spare. This form provides traceability from the current s/n N-95150-01-0003 (after refurbishment) to the original ASME form NPV-1 s/n A129. This NIS-2 addresses refurbishment of the valve and does not cover future installation into the plant.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.

(repair or replacement)

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed David A. Sibley Date 4-11 ,20 03

(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 Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/4/03 to 4/11/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions 12L-1254

(National Board, State Province, and Endorsements)

Date April 11 ,20 03

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

1. Owner Exelon Nuclear (Name) Date 04/02/04
   4300 Winfield Rd, Warrenville, IL 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 02
   4450 N. German Church Road, Byron, Il. (Address) Work Request No. 00495804-01
3. Work Performed by Byron Mechanical Maintenance (Name) (Repair Organization, P.O. No., Job No., etc.) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) Expiration Date Not Applicable
4. Identification of System Auxiliary Building Ventilation [VA]
5. (a) Applicable Construction Code Section III 1974 Edition, S76 Addenda, N91 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
   (c) Applicable ASME Section XI Code Cases: N-496-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
HELICOIL 3/8" – 16 TPI X 0.750"	NOVA MACHINE PRODUCTS	HT/LOT: 50060436	N/A	2VA08SA S/N L80A01694	2004	REPLACEMENT	NO

7. Description of Work: Install Helicoil in Lower Channel Head Flange Bolt Hole(16 down from top on right (north) vertical row of bolt holes.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A
   Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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9. Remarks Work Order 00495804-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed RRR Coord Date 5/4 ,20 04

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 **Illinois** and employed by **HSB CT** of **Hartford, Ct.** have inspected the components described in this Owner's Report during the period 3/28/04 to 5/5/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB-1254

National Board, State Province, and Endorsements

Date May 5 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 04/01/04
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 02
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 00680804-01 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) — Type Code Symbol Stamp Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Authorization No. Not Applicable
   Expiration Date Not Applicable
4. Identification of System WO (chilled water)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/76 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	ANDERSON GREENWOD	N04-7807-001	N/A	ETN:0WO007B VLV S/N: A3281	1984	REPLACED	NO
NUT/SLOT	TEXAS BOLT	N04-2107-004	N/A	ETN:0WO007B VLV S/N: A3281	1984	REPLACED	NO
BOLT	TEXAS BOLT	N04-2309-034	N/A	ETN:0WO007B VLV S/N: A3281	1984	REPLACED	NO
DISC	ANDERSON GREENWOOD	S/N N97570-31-0001	N/A	CAT ID# 41605	2000	REPLACEMENT	NO
NUT/SLOT	ANDERSON GREENWOD	P/N: N04-2107-004	N/A	CAT ID# 20705	1986	REPLACEMENT	NO
BOLT	ANDERSON GREENWOD	P/N N04-2309-034	N/A	CAT ID# 20778	1986	REPLACEMENT	NO

7. Description of Work Replaced listed valve internals per WO 680804-01
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

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FORM NIS-2 (Back)

9. Remarks Replaced listed valve internals per WO 680804-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **Not Applicable**

Certificate of Authorization No. **Not Applicable** Expiration Date **Not Applicable**

Signed David A. Silva Date 5-18 ,2004
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 **Illinois** and employed by **HSB CT.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period 3/28/04 to 5/18/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB-1254
National Board, State Province, and Endorsements

Date May 18 ,20 04

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

1. Owner Exelon Nuclear (Name) — Date 11/4/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) — Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) — Unit 00
   4450 N. German Church Road, Byron, Il. (Address) — Work Order No. 99176073-01
3. Work Performed by Byron Mechanical Maintenance (Name) — Repair Organization, P.O. No., Job No., etc.
   Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il. (Address) — Expiration Date Not Applicable
4. Identification of System [WO] CHILLED WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, S/76 Addenda, N/A Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
EVAP 5/8" BLT OTBBD END	CARRIER	N/A	N/A	ETN: 0WO01CA ETN; S/N; 26693	1978	REPLACED	NO
EVAP 5/8" BLT OUTBD END	NOVA	Heat # CR242450	N/A	CAT ID# 22915	2003	REPLACEMENT	NO

7. Description of Work Replaced (20) outboard end evaporator cover bolts
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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FORM NIS-2 (Back)

9. Remarks W/O# 99176073-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed David G. Silva Date 4-14 ,2004
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 11/4/03 to 4/16/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions ILL-1254
National Board, State Province, and Endorsements

Date April 16 ,20 04

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

1. Owner Exelon Nuclear (Name) Date 11/06/03
   4300 Winfield Rd. Warrenville, Il. 60555 (Address) Sheet 1 of 1
2. Plant Byron Nuclear Power Station (Name) Unit 00
   4450 N. German Church Road, Byron, Il. (Address) Work Order No. 99281678-05 (Repair Organization, P.O. No., Job No., etc.)
3. Work Performed by Byron Mechanical Maintenance (Name) Type Code Symbol Stamp Not Applicable
   Authorization No. Not Applicable
   4450 N. German Church Road, Byron, Il (See Remarks) (Address) Expiration Date Not Applicable
4. Identification of System WO
5. (a) Applicable Construction Code Section III 19 74 Edition, S76 Addenda, 1634-2 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
HEAD (EAST END COVER)	CARRIER	202606	139584	0W001CA	1978	REPAIRED	YES
HEAD (WEST END COVER)	CARRIER	202606	139584	0W001CA	1978	REPAIRED	YES
MTG FLANGE (EAST END)	CARRIER	202606	139584	0W001CA	1978	REPAIRED	YES
MTG FLANGE (WEST END)	CARRIER	202606	139584	0W001CA	1978	REPAIRED	YES

7. Description of Work REPAIR ERODED AREAS BY WELDING AND MACHINING
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure 76 psi Test Temp. 67 °F

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

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks Ecker-Erhardt Co., Inc. performed machining of End Covers. 2347 West 18th St, Chicago, IL 60608-1808
Applicable Manufacturer's Data Reports to be attached

Work Order 99281678-05

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **NOT APPLICABLE**

Certificate of Authorization No. **NOT APPLICABLE** Expiration Date **NOT APPLICABLE**

Signed _____ RRR Coord. Date 5/31 ,20 04
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 **ILLINOIS** and employed by **H.S.B. CT.** of **Hartford, CT.** have inspected the components described in this Owner's Report during the period 10/30/03 to 6/1/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

_____ Commissions ILL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date June 1 ,20 04