

Exelon Generation Company, LLC
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June 27, 2002

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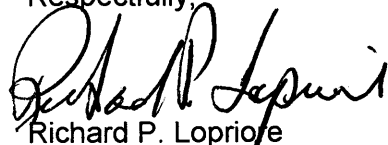
Byron Station, Unit 1
Facility Operating License No. NPF-37
NRC Docket No. STN 50-454

SUBJECT: Byron Station Unit 1 90-Day Inservice Inspection Report for Interval 2, Period 2,
Outage 2 (B1R11)

The subject 90-day Inservice Inspection (ISI) Report for the Byron Station Unit 1, Refueling Outage Eleven (i.e. B1R11) 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 (ASME) Boiler and Pressure Vessel (B&PV) Code, 1989 Edition. The report covers the inservice inspections conducted prior to and during the Unit 1 Spring 2002 refueling outage.

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

Respectfully,



Richard P. Lopriore
Site Vice President
Byron Nuclear Generating Station

RPL/RGM/NV/rah

Attachment: B1R11 Inservice Inspection Summary Report – Spring 2002 Outage

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector - Byron Station
NRC Project Manager - NRR – Byron Station
Office of Nuclear Facility Safety - Illinois Department of Nuclear Safety

Rec'd 7/16/02
ACD
A047

bcc: Manager of Energy Practice - Winston & Strawn
Site Vice President - Byron Station
Vice President - Licensing & Regulatory Affairs
Director - Licensing
Manager - Licensing and Compliance - Braidwood and Byron Stations
Regulatory Assurance Manager- Byron Station
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BYRON
UNIT 1

ExelonSM
Nuclear

B1R11

<p>INSERVICE INSPECTION SUMMARY REPORT</p>

Spring 2002 Outage

**October 11, 2000
to
March 30, 2002**

Commerical Service Date
September 16, 1985

Document Completion Date
June 25, 2002

Exelon Generation Company, LLC
4300 Winfield Rd
Warrenville, IL 60555

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

B1R11**INSERVICE INSPECTION SUMMARY REPORT**

SECTION		SECTION DESCRIPTION	PAGES
i	Cover Page		1
ii	Table of Contents		1
1	Report Introduction		8
2	Examination Summary Tables	Welds & Components	12
		Obstructed Examinations	1
		Pressure Tests	6
		Containment Structure	1
		Component Supports	8
		Snubbers	5
3	ASME Form NIS-1	Welds & Components	11
		Pressure Tests	8
		Containment Structure	1
		Signature Page	1
		Component Supports	8
		Signature Page	1
		Snubbers	5
		Signature Page	1
4	ASME Form NIS-2	Repairs / Modifications	58
TOTAL PAGES IN REPORT			137

1.0 INTRODUCTION

Inservice inspections of American Society of Mechanical Engineers (ASME) Class 1, 2, 3, CC and MC components were conducted at Byron Station Unit 1 from March 12, 2002 through March 30, 2002. The majority of these inspections were performed during the Byron Station Unit 1 eleventh refueling outage (B1R11). 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 will address inspection results of Class 1 and 2 components and piping, as required by the ASME Code, IWA-6000. 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, IWE and IWL, 1998 Edition, No Addenda for Class CC and 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 1 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"; and
- c) Class 2 and 3 pressure boundary for leakage at nominal operating pressure, in accordance with NUREG 0737, "Clarification of TMI Action Plan Requirements."

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.

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, IWF, and IWL-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, IWF, and IWL of Section XI of the ASME Code. For Class 1 and 2 piping, the requirements of Risk Informed Inservice Inspection are followed using Table 1 of ASME Code Case N-578-1, "Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B," 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. This request was granted by a Safety Evaluation dated February 5, 2002. Program notes and relief requests and additional information are identified in the "remarks" column.

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.

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. 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."

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 R. Ward. 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	SUR	VOL	SUR	VOL	VOL	SUR
Containment Spray		1																	
Chemical & Volume Control		1	14														2		
Essential Service Water																			
Feed Water		10			1	30													
Main Steam				1	2	20													
Pressurizer Surge		2	2																
Pressurizer Vessel***									2		2	3	1						
Reactor Coolant		9	43																
Reactor Pressure Vessel								1	1								1	2	
Residual Heat Removal																			
Safety Injection System		13	9														1		
Steam Blowdown						1													
Steam Generators									1			4					2	4	
EXAM TYPE TOTAL		36	68	1	3	51		1	4		2	7	1				2	8	
COMPONENT/EXAM TOTAL	159							15							10				2
OUTAGE EXAM TOTAL	186																		

*HELB: High Energy Line Break

**ECCS: Emergency Core Cooling System

***Nozzle and nozzle inner radius totals include VT-2 examinations as allowed by relief request I2R-03.

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	6	
Class 2 Piping, Pressure Retaining Boundary		21	15	9
Class 2 Pumps, Pressure Retaining Boundary		6	3	
Class 2 Valves, Pressure Retaining Boundary		21	15	9
TOTALS	12	52	39	18

2.3 Containment Examination Summary _____

EXAMINATION ITEM* / AREA	COMMENTS
L1.11 Accessible Surface Areas	100% of accessible surfaces examined (Concrete).
L1.12 Suspect Areas	Detailed examination when identified.
L2.30 Anchorage Hardware & Surrounding Concrete	Detailed examination.

*Examination item number from Table IWL 2500-1

2.4 Component Support Examination Summary

SYSTEM EXAMINED	CLASS	VT-3
Containment Spray	2	3
Chemical Volume Control	1	1
	2	3
Main Steam	2	3
Reactor Coolant	1	10
Residual Heat Removal	1	2
	2	4
Pressurizer Surge and Spray	1	5
Safety Injection	2	8
Essential Service Water	2	5
TOTALS		44

2.5 Component Snubber Test Summary

SYSTEM EXAMINED	VT-3 EXAMINED	FUNCTIONAL TEST
Chemical Volume Control		6
Main Steam		2
Reactor Coolant		3
Pressurizer Surge		5
Safety Injection		5
TOTALS		21

2.6 Repair/Replacement Summary

A total of 54 ASME Form NIS-2, "Owners Report for Repairs or Replacements," were filed during Byron Station Unit 1 Cycle 11. The following is a system summary of NIS-2's generated:

SYSTEM	TOTAL NIS-2 FORMS	CLASS 1 FORMS	CLASS 2 FORMS	CLASS 3 FORMS
Boric Acid	1	0	0	1
Auxiliary Feedwater	2	0	0	2
Component Cooling	7	0	0	7
Chemical Volume Control	3	0	2	1
Diesel Oil	2	0	0	2
Fire Protection	1	0	0	1
Main Steam	6	0	6	0
Reactor Coolant	6	6	0	0
Residual Heat Removal	3	0	3	0
Pressurizer	3	3	0	0
Steam Generator Blowdown	2	0	2	0
Safety Injection	5	1	4	0
Essential Service Water	11	0	0	11
Chilled Water	1	0	0	1
Spare Components	1	0	1	0
TOTAL	54	10	18	26

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", 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"

Subsection IWL, "Requirements for Class CC Concrete Components of Light-Water
Cooled Plants"

Article IWL-2000 Examination and Inspection
Table IWL-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"

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)

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

Welds / Components

OUTAGE INSPECTION SUMMARY

Page 1 of 12

Welds / Components

B1R11

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OUTAGE INSPECTION SUMMARY

SYSTEM:			INTERVAL:			PERIOD:			
Feedwater (FW)				Second		Second			
OBS NUMBER	CODE CATEGORY	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAM TYPE			NOTES
						SUR	VOL	VIS	
11-017	AUG	HELB	1FW-03	1FW03CB-16"	C01.01		X		Root Geometry
11-018	R-A 3	R1.11	1FW-03	1FW03DB-16"	C01		X		No Recordable Indications
11-023	R-A 3	R1.11	1FW-04	1FW03DC-16"	C03		X		Root Geometry
11-210	R-A 3	R1.11	1FW-04	1FW03DC-16"	C17		X		ID Geometry 360°
11-211	R-A 3	R1.11	1FW-04	1FW03DC-16"	C18		X		ID Geometry 360°
11-024	R-A 3	R1.11	1FW-04	1FW03DC-16"	C30		X		No Recordable Indications
11-212	R-A 3	R1.11	1FW-01	1FW03DD-16"	C14		X		No Recordable Indications
11-213	R-A 3	R1.11	1FW-01	1FW03DD-16"	C15		X		No Recordable Indications
11-180	R-A 3	R1.11	1FW-01	1FW03DD-16"	C26.01		X		ID Geometry
11-181	R-A 3	R1.11	1FW-01	1FW03DD-16"	C27.01		X		ID Geometry
11-182	R-A 3	R1.11	1FW-01	1FW03DD-16"	C28.01		X		ID Geometry
11-025	AUG	HELB	1FW-05	1FW81AB-6"	C01.01		X		ID Geometry 360°
11-026	AUG	HELB	1FW-05	1FW81AB-6"	C05		X		No Recordable Indications
11-027	AUG	HELB	1FW-05	1FW81AB-6"	C08		X		No Recordable Indications
11-028	AUG	HELB	1FW-05	1FW81AB-6"	C09		X		No Recordable Indications
11-029	AUG	HELB	1FW-05	1FW81AB-6"	C10		X		Root Geometry 360° Intermittent
11-030	AUG	HELB	1FW-05	1FW81AB-6"	C11		X		Root Geometry 360° Intermittent
11-031	AUG	HELB	1FW-05	1FW81AB-6"	C12		X		No Recordable Indications
11-032	AUG	HELB	1FW-05	1FW81AB-6"	C13		X		Root Geometry 360° Intermittent
11-037	AUG	HELB	1FW-10	1FW81AC-6"	C10		X		ID Geometry 360°
11-038	AUG	HELB	1FW-10	1FW81AC-6"	C11		X		No Recordable Indications
11-033	AUG	HELB	1FW-05	1FW81BB-6"	COA		X		Root Geometry
11-034	AUG	HELB	1FW-05	1FW81BB-6"	COB		X		Root Geometry 360°
11-035	AUG	HELB	1FW-05	1FW81BB-6"	C01.01		X		Root Geometry
11-036	AUG	HELB	1FW-05	1FW81BB-6"	C02		X		No Recordable Indications
11-039	AUG	HELB	1FW-10	1FW81BC-6"	COA		X		No Recordable Indications
11-040	AUG	HELB	1FW-10	1FW81BC-6"	COB		X		No Recordable Indications
11-041	AUG	HELB	1FW-10	1FW81BC-6"	C03		X		No Recordable Indications
11-042	AUG	HELB	1FW-10	1FW81BC-6"	C04		X		No Recordable Indications
11-043	AUG	HELB	1FW-10	1FW81BC-6"	C05		X		Root Geometry 360°
11-044	AUG	HELB	1FW-10	1FW81BC-6"	C06		X		Root Geometry
11-019	AUG	HELB	1FW-03	1FW86AB-16"	C01.01		X		No Recordable Indications
11-020	AUG	HELB	1FW-03	1FW86AB-16"	C01A		X		No Recordable Indications
11-021	AUG	HELB	1FW-03	1FW86AB-16"	C02	X			No Recordable Indications
11-022	AUG	HELB	1FW-03	1FW86AB-16"	C03		X		No Recordable Indications
11-045	AUG	HELB	1FW-10	1FW87CC-6"	C01A		X		No Recordable Indications
11-046	AUG	HELB	1FW-10	1FW87CC-6"	C02A		X		No Recordable Indications
11-047	AUG	HELB	1FW-10	1FW87CC-6"	C03A		X		No Recordable Indications
11-048	AUG	HELB	1FW-10	1FW87CC-6"	C04A		X		No Recordable Indications
11-049	AUG	HELB	1FW-10	1FW87CC-6"	C05A		X		No Recordable Indications
11-050	AUG	HELB	1FW-10	1FW87CC-6"	C06A		X		No Recordable Indications

OUTAGE INSPECTION SUMMARY

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Welds / Components

OUTAGE INSPECTION SUMMARY

Page 5 of 12

Welds / Components

B1R11

[illegible]

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			NOTES
						SUR	VOL	VIS	
11-152	R-A 4	R1.20	1SI-02	1RC04AA-12"	J02		X		No Recordable Indications
11-153	R-A 2	R1.11	1SI-02	1RC04AA-12"	J03		X		No Recordable Indications
11-154	R-A 2	R1.11	1SI-02	1RC04AA-12"	J04		X		No Recordable Indications
11-155	R-A 2	R1.11	1SI-02	1RC04AA-12"	J05		X		No Recordable Indications
11-094	R-A 4	R1.20	1RC-30	1RC13AA-2"	W-01			X	No Recordable Indications
11-095	R-A 4	R1.20	1RC-30	1RC13AA-2"	W-05			X	No Recordable Indications
11-096	R-A 4	R1.20	1RC-30	1RC13AB-2"	W-01			X	No Recordable Indications
11-097	R-A 4	R1.20	1RC-30	1RC13AB-2"	W-09			X	No Recordable Indications
11-098	R-A 4	R1.20	1RC-30	1RC13AC-2"	W-01			X	No Recordable Indications
11-099	R-A 4	R1.20	1RC-30	1RC13AD-2"	W-01			X	No Recordable Indications
11-187	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-02			X	No Recordable Indications
11-188	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-03			X	No Recordable Indications
11-189	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-03A			X	No Recordable Indications
11-190	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-03B			X	No Recordable Indications
11-191	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-03C			X	No Recordable Indications
11-192	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-04			X	No Recordable Indications
11-193	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-05			X	No Recordable Indications
11-109	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-07			X	No Recordable Indications
11-110	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-08			X	No Recordable Indications
11-111	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-09			X	No Recordable Indications
11-194	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-10			X	No Recordable Indications
11-112	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-11			X	No Recordable Indications
11-195	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-12			X	No Recordable Indications
11-196	R-A 2	R1.11	1RC-36	1RC14AA-2"	W-13			X	No Recordable Indications
11-100	R-A 2	R1.11	1RC-31	1RC14AB-2"	W-07			X	No Recordable Indications
11-101	R-A 2	R1.11	1RC-31	1RC14AB-2"	W-08			X	No Recordable Indications
11-102	R-A 2	R1.11	1RC-31	1RC14AB-2"	W-09			X	No Recordable Indications
11-103	R-A 2	R1.11	1RC-31	1RC14AB-2"	W-10			X	No Recordable Indications
11-104	R-A 2	R1.11	1RC-31	1RC14AB-2"	W-11			X	No Recordable Indications
11-126	R-A 2	R1.11	1RC-42	1RC14AC-2"	W-08			X	No Recordable Indications
11-115	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-08			X	No Recordable Indications
11-116	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-09			X	No Recordable Indications
11-117	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-10			X	No Recordable Indications
11-118	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-11			X	No Recordable Indications
11-119	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-12			X	No Recordable Indications
11-120	R-A 2	R1.11	1RC-37	1RC14AD-2"	W-13			X	No Recordable Indications
11-121	R-A 2	R1.11	1RC-41	1RC16AA-2"	W-03			X	No Recordable Indications
11-122	R-A 2	R1.11	1RC-41	1RC16AA-2"	W-04			X	No Recordable Indications
11-123	R-A 2	R1.11	1RC-41	1RC16AA-2"	W-05			X	No Recordable Indications
11-124	R-A 2	R1.11	1RC-41	1RC16AA-2"	W-06			X	No Recordable Indications
11-125	R-A 2	R1.11	1RC-41	1RC16AB-2"	W-02			X	No Recordable Indications

Welds / Components

OUTAGE INSPECTION SUMMARY

Page 8 of 12

Welds / Components

B1R11

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OUTAGE INSPECTION SUMMARY

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Welds / Components

B1R11

OUTAGE INSPECTION SUMMARY

Page 11 of 12

Welds / Components

B1R11

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Exelon

Byron Unit 1

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OUTAGE INSPECTION SUMMARY

SYSTEM:		INTERVAL:		PERIOD:		
Pressure Tests, All Systems		Second		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 Boundry	X				1
B15.20	Pressurizer Pressure Retaining Boundary	X				1
B15.30	Steam Generator Pressure Retaining Boundary					
	1RC01BA	X				1
	1RC01BB	X				1
	1RC01BC	X				1
	1RC01BD	X				1
B15.50	Class 1 Piping Pressure Retaining Boundary	X				1
B15.60	Class 1 Pumps Pressure Retaining Boundary					
	1RC01PA	X				1
	1RC01PB	X				1
	1RC01PC	X				1
	1RC01PD	X				1
B15.70	Class 1 Valves Pressure Retaining Boundary	X				1
	CLASS 2 COMPONENTS					
C2.33	Nozzle-to-Shell (or Head) When Inside of Vessel is Inaccessible					
	1RH02AA RH-2-1		X			
	1RH02AB RH-2-2		X			
C7.10	Pressure Vessels Pressure Retaining Components					
	Chemical & Volume Control:					
	1CV02F CV-2-4			X		
	1CV02A CV-2-4			X		
	1CV01FA CV-2-4			X		
	1CV01FB CV-2-4			X		
	1CV04AA CV-2-5			X		
	1CV04AB CV-2-5			X		
	Residual Heat Removal:					
	1RH02AA RH-2-1		X			
	1RH02AB RH-2-2		X			

OUTAGE INSPECTION SUMMARY

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	Second			
CODE/ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
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			
	CS-2-3			X		
	CS-2-4			X		
	CS-2-5			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-2-7		X			
	CV-2-10				X	4
	Fuel Pool Cooling:					
	FC-2-1			X		
	Feedwater:					
	FW-2-1			X		
	Main Steam:					
	MS-2-1			X		
	Primary Containment:					
	PC-2-1				X	4
	Process Radiation Monitoring:					
	PR-2-2				X	4
						</

OUTAGE INSPECTION SUMMARY

Page 3 of 6

OUTAGE INSPECTION SUMMARY

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	Second			
CODE/ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
C7.50	Pumps, Pressure Retaining Boundary					
	Containment Spray:					
	1CS01PA CS-2-1		X			
	1CS01PB CS-2-2		X			
	Chemical & Volume Control:					
	1CV01PA CV-2-1			X		
	1CV01PB CV-2-2			X		
	1CV02P CV-2-3			X		3
	Residual Heat Removal:					
	1RH01PA RH-2-1		X			
	1RH01PB RH-2-2		X			
	Safety Injection:					
	1SI01PA SI-2-1		X			
	1SI01PB SI-2-2		X			
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			
	CS-2-3			X		
	CS-2-4			X		
	CS-2-5			X		
	Chemical and Volume Control:					
	CV-2-1			X		
	CV-2-2			X		
	CV-2-3			X		3
	CV-2-4			X		
	CV-2-5			X		
	CV-2-7		X			
	CV-2-10				X	4
	Fuel Pool Cooling:					
	FC-2-1			X		
	Feedwater:					
	FW-2-1			X		

Components / Examinations

Byron Unit 1

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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Byron Unit 1
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Support Outage Summary

(Page 1 of 8)

SYSTEM: Containment Spray System (CS)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.20	1SI06050X	1CS01AB-16/1SI06050X	VT-3	NRI	Support Painted
F-A F1.20	1CS03005X	1CS02AA-10/1CS03005X	VT-3	NRI	
F-A F1.20	1CS03006X	1CS02AA-10/1CS03006X	VT-3	NRI	

Support Outage Summary

(Page 2 of 8)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.20	1CV08001V	1CV05CB-6/1CV08001V	VT-3	NRI	Hot setting: 448#. Support painted.
F-A F1.20	1CV08003X	1CV05CB-6/1CV08003X	VT-3	NRI	Support painted.
F-A F1.20	1CV01004X	1CV08BA-4/1CV01004X	VT-3	NRI	Support painted.
F-A F1.10	1CV06031V	1CVB7A-3/1CV06031V	VT-3	NRI	As found variable spring can setting is acceptable. 788 lbs cold.

Support Outage Summary
(Page 3 of 8)**SYSTEM:** Main Steam System (MS)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.20	1MS08007S-1	1MS01AD-30.25/1MS08007S-1	VT-3	RI	Extension Piece jam nut is loose, WO written to tighten jam nut, snubber is still operable.
F-A F1.20	1MS08007S-2	1MS01AD-30.25/1MS08007S-2	VT-3	NRI	
F-A F1.20	1MS01205X	1MS07AA-28/1MS01205X	VT-3	NRI	

Support Outage Summary

(Page 4 of 8)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.40	L1	1RC-01-PA/L1	VT-3	NRI	
F-A F1.40	L2	1RC-01-PA/L2	VT-3	NRI	
F-A F1.40	L3	1RC-01-PA/L3	VT-3	NRI	
F-A F1.10	1CV15041S-1	1RC14AB-2/1CV15041S-1	VT-3	NRI	
F-A F1.10	1CV15041S-2	1RC14AB-2/1CV15041S-2	VT-3	NRI	
F-A F1.10	1CV12006S	1RC16AA-2/1CV12006S	VT-3	NRI	
F-A F1.10	1RC03006S	1RC21AC-8/1RC03006S	VT-3	NRI	
F-A F1.10	1RY06055S	1RC24AA-4/1RY06055S	VT-3	NRI	
F-A F1.10	1RY06032S	1RC24AB-4/1RY06032S	VT-3	NRI	
F-A F1.10	1CV02003S	1RC37A-3/1CV02003S	VT-3	NRI	

Support Outage Summary
(Page 5 of 8)**SYSTEM:** Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.40	L1	1RH-02-AB/L1	VT-3	NRI	Welds painted, inspected welded lug on top of B Vertical Residual Heat Exchanger.
F-A F1.10	1RH02054S	1RH01AA-12/1RH02054S	VT-3	NRI	
F-A F1.10	1RH02107S	1RH01AA-12/1RH02107S	VT-3	NRI	
F-A F1.20	1SI06067V	1RH01CA-16/1SI06067V	VT-3	RI	Missing jam nut. WO written to add nut. Minor surface rust on rods and nuts. Support is operable.
F-A F1.20	1RH01002X	1RH02AA-8/1RH01002X	VT-3	NRI	
F-A F1.20	1SI18063V	1RH03AA-8/1SI18063V	VT-3	NRI	825 lbs setting

Support Outage Summary

(Page 6 of 8)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.40	L1	1RY-01-S/L1	VT-3	NRI	
F-A F1.40	L2	1RY-01-S/L2	VT-3	NRI	
F-A F1.40	L3	1RY-01-S/L3	VT-3	NRI	
F-A F1.10	1RY06118S	1RY01B-6/1RY06118S	VT-3	NRI	
F-A F1.10	1RY09030C	1RY03AA-6/1RY09030C	VT-3	NRI	AS FOUND POSITION IN TOLERANCE.

Support Outage Summary

(Page 7 of 8)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.20	1SI15002X	1SI02BA-6/1SI15002X	VT-3	NRI	Chipped paint on base plate.
F-A F1.20	1SI18C001G	1SI02BB-6/1SI18C001G	VT-3	NRI	
F-A F1.20	1SI18082X	1SI05AA-8/1SI18082X	VT-3	NRI	
F-A F1.20	1PC-50A	1SI05BA-8/1PC-50A	VT-3	NRI	
F-A F1.20	1SI06037X	1SI06BB-24/1SI06037X	VT-3	NRI	Support painted.
F-A F1.20	1SI06151X	1SI06BB-24/1SI06151X	VT-3	NRI	Support Painted
F-A F1.20	1SI18018X	1SI34A-8/1SI18018X	VT-3	NRI	Support painted.
F-A F1.20	1SI18091X	1SI34A-8/1SI18091X	VT-3	NRI	Support painted.

Support Outage Summary
(Page 8 of 8)**SYSTEM:** Essential Service Water System (SX)

Section XI Cat. Item	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A F1.20	1SX06024X	1SX06EC-10/1SX06024X	VT-3	NRI	
F-A F1.20	1SX06025X	1SX06EC-10/1SX06025X	VT-3	NRI	
F-A F1.20	1PC-14A	1SX07FA-16/1PC-14A	VT-3	NRI	
F-A F1.20	1SX07013A	1SX08AD-10/1SX07013A	VT-3	NRI	
F-A F1.20	1SX06021X	1SX08BC-10/1SX06021X	VT-3	NRI	

Snubber Outage Summary

(Page 1 of 5)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	1CV08021S	1CV05CB-6/1CV08021S	F.TEST	PASS	Service Life Monitoring test
F-A	1CV09030S	1CVA6AA-2/1CV09030S	F.TEST	PASS	Original Scope
F-A	1CV25011S	1CVA7AA-2/1CV25011S	F.TEST	PASS	Original Scope
F-A	1CV25014S	1CVA7AA-2/1CV25014S	F.TEST	PASS	Original Scope
F-A	1CV25024S	1CVA3B-2/1CV25024S	F.TEST	PASS	Original Scope
F-A	1RY06097S	1RY18A-2/1RY06097S	F.TEST	PASS	Previous outage failure

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 2 of 5)

SYSTEM: Main Steam System (MS)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	1MS06007S1	1MS01AB-32.75/1MS06007S1	F.TEST	PASS	Original Scope
F-A	1MS06007S2	1MS01AB-32.75/1MS06007S2	F.TEST	PASS	Original 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

(Page 3 of 5)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	1CV09038S	1RC14AC-2/1CV09038S	F.TEST	PASS	Original Scope
F-A	1CV15014S	1RC14AB-2/1CV15014S	F.TEST	PASS	Original Scope
F-A	1RC09S	1RC01BB-1B/1RC09S	F.TEST	PASS	Original 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

(Page 4 of 5)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	1RY06030S	1RY01B-6/1RY06030S	F.TEST	PASS	Original Scope
F-A	1RY06118S1	1RY01B-6/1RY06118S1	F.TEST	PASS	Original Scope
F-A	1RY06118S2	1RY01B-6/1RY06118S2	F.TEST	PASS	Original Scope
F-A	1RY09100S1	1RY02B-3/1RY09100S1	F.TEST	PASS	Original Scope
F-A	1RY09100S2	1RY02B-3/1RY09100S2	F.TEST	PASS	Original 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

(Page 5 of 5)

SYSTEM: Safety Injection System (SI)

Section XI Cat.	ISI Identifier Comments	Line Number / EPN	Exam Summary	Results	Comments
F-A	1SI01002S	1SI09BA-10/1SI01002S	F.TEST	PASS	Original Scope
F-A	1SI01025S	1SI05CA-8/1SI01025S	F.TEST	PASS	Original Scope
F-A	1SI03046S1	1SI05DD-6/1SI03046S1	F.TEST	PASS	Original Scope
F-A	1SI03046S2	1SI05DD-6/1SI03046S2	F.TEST	PASS	Original Scope
F-A	1SI04003S	1SI09BB-10/1SI04003S	F.TEST	PASS	Original 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

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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
B7.50 1CV14GB-1½"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
B7.50 1CV14GD-1½"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
Cat 4/R1.20 1CV05B-8"	Hunter Corporation	1-CV-2-N5	Not Applicable	Not Applicable
Cat 5/R1.11 1CVA3AA-2"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
Cat 5/R1.11 1CVA3B-2"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
Cat 5/R1.11 1CVA5AA-2"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
Cat 5/R1.11 1CVA6AA-2"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable
Cat 5/R1.11 1CVA7AA-2"	Hunter Corporation	1-CV-1-N5	Not Applicable	Not Applicable

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(Name and Address of Plant)

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 1FW03DB-16"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
Cat 3/R1.11 1FW03DC-16"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
Cat 3/R1.11 1FW03DD-16"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
Cat 3/R1.11 1FW03DD-16"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW03CB-16"	W.A. Pope Corporation	Not Applicable	Not Applicable	Not Applicable
HELB 1FW81AB-6"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81AB-6"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81AC-6"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81BB-6"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81BB-6"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81BC-6"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW81BC-6"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW86AB-16"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW86AB-16"	Hunter Corporation	1-FW-1-N5	Not Applicable	Not Applicable
HELB 1FW87CC-6"	W.A. Pope Corporation	1-FW-1-N5	Not Applicable	Not Applicable

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(Name and Address of Plant)

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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
C3.20 1MS01AA-30 $\frac{1}{4}$ "	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS01BB-32 $\frac{3}{4}$ "	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS01BC-32 $\frac{3}{4}$ "	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS01CC-32 $\frac{3}{4}$ "	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
HELB 1MS07AB-28"	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS13AB-8"	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS13AC-8"	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable
HELB 1MS143AB-12"	Hunter Corporation	1-MS-1-N5	Not Applicable	Not Applicable

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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: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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

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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: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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

[illegible]

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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: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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

Computer Generated Form

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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: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

[illegible]

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: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 Vessel 1RC-01-R	Westinghouse Corporation	640-0004-51	B-09061	N-198
B15.10 Head 1RC-01-R	Westinghouse Corporation	640-0004-52	B-09061	N-198
B15.20 1RY-01-S	Westinghouse Corporation	1721	U-201291	W13580
B15.30 1RC-01-BA	Babcock & Wilcox Incorporated	7720-02	ILU-242904	165
B15.30 1RC-01-BB	Babcock & Wilcox Incorporated	7720-03	ILU-242903	166
B15.30 1RC-01-BC	Babcock & Wilcox Incorporated	7720-01	ILU-242902	164
B15.30 1RC-01-BD	Babcock & Wilcox Incorporated	7720-04	ILU-242901	167
B15.50 Class 1 Piping	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
B15.60 1RC-01-PA	Westinghouse Corporation	1-115E121-G01	Not Applicable	W25819
B15.60 1RC-01-PB	Westinghouse Corporation	2-115E121-G01	Not Applicable	W25820
B15.60 1RC-01-PC	Westinghouse Corporation	3-115E121-G01	Not Applicable	W25821
B15.60 1RC-01-PD	Westinghouse Corporation	4-115E121-G01	Not Applicable	W25822
B15.70 Class 1 Valves	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

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 1RH-02-AA	Joseph Oat Corporation	2267-1A	U122326	836
C2.33 1RH-02-AB	Joseph Oat Corporation	2267-1B	U122327	837
C7.10 1CV01FA	Pall Trinty Micro	38305	Not Applicable	21087
C7.10 1CV01FB	Pall Trinty Micro	38307	Not Applicable	20189
C7.10 1CV02A	Atlas	3454	U-187662	2877
C7.10 1CV02F	Pall Trinty Micro	38327	Not Applicable	21109
C7.10 1CV04AA	Joseph Oat Corporation	2268-1A	U187661	905
C7.10 1CV04AB	Joseph Oat Corporation	2268-1B	U187660	906
C7.10 1RH-02-AA	Joseph Oat Corporation	2267-1A	U122326	836
C7.10 1RH-02-AB	Joseph Oat Corporation	2267-1B	U122327	837
C7.30 AF-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 AF-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 CS-2-5	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 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-2-7	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 FW-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 PC-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 PR-2-2	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

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 PS-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RE-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RE-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RE-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RF-2-1	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 RY-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RY-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RY-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 RY-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
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

B1R11

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: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 SI-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 VQ-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.30 VQ-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.50 1CS-01-PA CS-2-1	Ingersoll Rand Corporation	1076122	Not Applicable	220
C7.50 1CS-01-PB CS-2-2	Ingersoll Rand Corporation	1076123	Not Applicable	221
C7.50 1CV-01-PA CV-2-1	Pacific Pump	149770	Not Applicable	198
C7.50 1CV-01-PB CV-2-2	Pacific Pump	49771	Not Applicable	201
C7.50 1CV-02-P CV-2-3	Gaulin Corporation	641344-1	Not Applicable	353
C7.50 1RH-01-PA RH-2-1	Ingersoll Rand Corporation	127428	Not Applicable	167
C7.50 1RH-01-PB RH-2-2	Ingersoll Rand Corporation	127429	Not Applicable	159
C7.50 1SI-01-PA SI-2-1	Pacific Pump	49758	Not Applicable	230
C7.50 1SI-01-PB SI-2-2	Pacific Pump	49759	Not Applicable	231
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

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 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 RE-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RE-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RE-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RF-2-1	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
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 RY-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RY-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RY-2-3	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 RY-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-1	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)

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

3. Plant Unit: One (1)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

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 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-2-6	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 SI-2-7	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 VQ-2-2	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable
C7.70 VQ-2-4	Hunter Corporation	Not Applicable	Not Applicable	Not Applicable

B1R11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

8. Examination Dates: October 11, 2000 to March 30, 2002

9. Inspection Interval: June 30, 1996 to June 30, 2005

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.

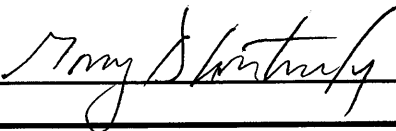
Refer to the Outage Summary Report.

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

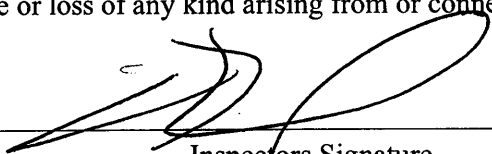
Date: 6/26/02 Signed For: Exelon Generation Company

By: 

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 10/11/00 to 03/30/02, 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. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.


Inspectors Signature

Commissions: ILL-1903 Date: 06-26-02, 20 02

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

(Page 1 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1CS01AB-16/1SI06050X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1CS02AA-10/1CS03005X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1CS02AA-10/1CS03006X	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.

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(Page 2 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1CV05CB-6/1CV08001V	N/A	N/A
SUPPORT	HUNTER CORPORATION	1CV05CB-6/1CV08003X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1CV08BA-4/1CV01004X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1CVB7A-3/1CV06031V	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

(Page 3 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1MS01AD-30.25/1MS08007S-1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1MS01AD-30.25/1MS08007S-2	N/A	N/A
SUPPORT	HUNTER CORPORATION	1MS07AA-28/1MS01205X	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

(Page 4 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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.
RC PUMP A SUPPORT	HUNTER CORPORATION	1RC-01-PA/L1	N/A	N/A
RC PUMP A SUPPORT	HUNTER CORPORATION	1RC-01-PA/L2	N/A	N/A
RC PUMP A SUPPORT	HUNTER CORPORATION	1RC-01-PA/L3	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC14AB-2/1CV15041S-1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC14AB-2/1CV15041S-2	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC16AA-2/1CV12006S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC21AC-8/1RC03006S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC24AA-4/1RY06055S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC24AB-4/1RY06032S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RC37A-3/1CV02003S	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

(Page 5 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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.
RH HX B LUG 1	HUNTER CORPORATION	1RH-02-AB/L1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RH01AA-12/1RH02054S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RH01AA-12/1RH02107S	N/A	N/A
SUPPORT	HUNTER CORPORATION	1RH01CA-16/1SI06067V	N/A	N/A
SUPPORT	HUNTER CORPORATION	1RH02AA-8/1RH01002X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1RH03AA-8/1SI18063V	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

(Page 6 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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.
PZR SEISMIC LUG 1	HUNTER CORPORATION	1RY-01-S/L1	N/A	N/A
PZR SEISMIC LUG 2	HUNTER CORPORATION	1RY-01-S/L2	N/A	N/A
PZR SEISMIC LUG 3	HUNTER CORPORATION	1RY-01-S/L3	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY01B-6/1RY06118S	N/A	N/A
SUPPORT	HUNTER CORPORATION	1RY03AA-6/1RY09030C	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

(Page 7 of 9)

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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:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1SI02BA-6/1SI15002X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI02BB-6/1SI18C001G	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI05AA-8/1SI18082X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI05BA-8/1PC-50A	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI06BB-24/1SI06037X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI06BB-24/1SI06151X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI34A-8/1SI18018X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SI34A-8/1SI18091X	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

(Page 8 of 9)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1SX06EC-10/1SX06024X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SX06EC-10/1SX06025X	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SX07FA-16/1PC-14A	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SX08AD-10/1SX07013A	N/A	N/A
SUPPORT	HUNTER CORPORATION	1SX08BC-10/1SX06021X	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.

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

(BACK)

8. Examination Dates 10/11/00 to 03/30/02

9. Inspection Interval: 06/30/96 to 06/30/05

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 Expiration Date: N/A

Date: 6/26/02 Signed for: Exelon Nuclear

By: Mary S. Hentley

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 in this Owner's Report during the period 10/11/00 to 03/30/02, 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. 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]
Inspectors Signature

Commissions: ILL-1903 Date: 06-26, 20 02

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

(Page 1 of 6)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1CV08021S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1CV09030S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1CV25011S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1CV25014S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1CV25024S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY06097S	N/A	N/A

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

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(Page 2 of 6)

-
1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1MS06007S1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1MS06007S2	N/A	N/A

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

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(Page 3 of 6)

-
1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1CV09038S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1CV15014S	N/A	N/A
SNUBBER	PAUL MUNROE	1RC09S	N/A	N/A

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

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(Page 4 of 6)

1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1RY06030S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY06118S1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY06118S2	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY09100S1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1RY09100S2	N/A	N/A

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

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

(Page 5 of 6)

-
1. **Owner:** Exelon Generation Company, LLC, 4300 Winfield Road, Warrenville, IL 60555
(Name and Address of Owner)
2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)
3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization** N/A
5. **Commercial Service Date:** 09/16/85 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	1SI01002S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1SI01025S	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1SI03046S1	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1SI03046S2	N/A	N/A
SNUBBER	PACIFIC SCIENTIFIC	1SI04003S	N/A	N/A

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

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

(BACK)

8. Examination Dates 10/11/00 to 03/30/02

9. Inspection Interval: 06/30/96 to 06/30/05

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 Expiration Date: N/A

Date: 6/26/02

Signed for: Exelon Nuclear

By: Mary J. Hartung

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 in this Owner's Report during the period 10/11/00 to 03/30/02, 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. 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]
Inspectors Signature

Commissions: ILL-1903 Date: 06-26, 2002

National Board, State, Province, and Endorsements

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

1. Owner Exelon Nuclear Date 1/9/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL. Work Request No. 98109067-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address
Expiration Date Not Applicable
Repair Organization, P.O. No., Job No., etc.
4. Identification of System Boric Acid (AB)
5. (a) Applicable Construction Code Section III 1971 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	N56896-00-0003	n/a	0AB8615B	1975	Replaced	Yes
Relief Valve	Crosby	N56896-00-0002	n/a	0AB8615B	1975	Replacement	Yes

7. Description of Work: Replace Relief Valve 0AB8615B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1.4 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.

FORM NIS-2 (Back)

9. Remarks WO 98109067-01

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

Owner or Owner's Designee, Title

Date

4/10

, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 10/26/99 to 4/1/02, 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

April 11

, 20

02

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 3/21/02
Name
4300 Winfield Rd., Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Request No. 98005319-01
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System AWK FORD WATER
5. (a) Applicable Construction Code Section III 1974 Edition, W75 Addenda, 1516-1/1567 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)
6" Gate Valve	Anchor Darling	E-6220-3-3	N/A	1AF017A	1977	REPLACED	YES
6" Gate Valve	Flowserve	E-596A-1-1	N/A	1AF017A	1999	REPLACEMENT	YES

7. Description of Work: REPLACE VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 95 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.

FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1 W/O 98005319-01

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

John R. Remick
Owner or Owner's Designer, Title

Date 4/29, 2002

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 8/22/11 to 4/29/12, 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.

John R. Remick
Inspector's Signature

Commissions

1LL-1254

National Board, State Province, and Endorsements

Date April 29, 2012

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 3/15/02
Name
4300 Winfield Rd., Warrenville, IL. 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 98051324-01
Address
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name
555 S. Joliet Rd, Bolingbrook, IL 60440 Type Code Symbol Stamp Not Applicable
Address
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System Aux. Feedwater
5. (a) Applicable Construction Code Section III 1974 Edition, S75W75 Addenda, 1516-1/1567 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)
6" Gate Valve	Anchor Darling	E-6220-3-4	N/A	1AF017B	1977	REPLACED	YES
6" WN Flange	G&W Taylor Forge	GCVJ	N/A	N/A	1980	REPLACED	NO
Nuts	R.E.C.	JLV	N/A	1AF017B Flange	1979	REPLACED	NO
Studs	R.E.C.	AN	N/A	1AF017B Flange	1979	REPLACED	NO
Nuts	Republic	HT# B87035	N/A	1AF017B Flange	1999	REPLACEMENT	NO
Studs	CSC	HT# 14534	N/A	1AF017B Flange	2001	REPLACEMENT	NO
6" Gate Valve	Flowserve	E-596A-1-3	N/A	1AF017B	1999	REPLACEMENT	YES
6" WN Flange	Republic	S-1294	N/A	1AF017B Flange	2000	REPLACEMENT	NO

7. Description of Work: REPLACE 1AF017B WITH WN FLANGE AND STUDS AND NUTS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 95psi 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.

FORM NIS-2 (Back)

9. Remarks INVOKED CODE CASE N-416-1 W/O 98051324-01

Applicable Manufacturer's Data Reports to be attached

Valve constructed 1974 Ed. W75 Addenda

WN Flange constructed 1974 Ed. S75 Addenda

CERTIFICATE OF COMPLIANCE

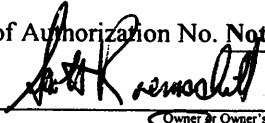
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed



RRR COORD. (SU)

Date

4/29, 20 02

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 8/20/01 to 4/29/02, 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

126-1254

National Board, State Province, and Endorsements

Date

April 29, 20 02

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 03/15/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555
Address
 Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 99168633-01
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING (CC)
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, N249-11 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)
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	8487	N/A	1CC35018S1	1988	REPLACED	YES
SNUBBER 301856 RF1	LISEGA	00 614803/019	N/A	1CC35018S1	2000	REPLACEMENT	NO

7. Description of Work: Replaced a Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks 99168633-01

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 Eposito* RRR Coordinator

Date 4-12, 20 00

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 8/3/01 to 4/12/02, 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. A. M. M. M.
Inspector's Signature

Commissions

124-1254

National Board, State Province, and Endorsements

Date April 12, 20 02

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 03/15/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 99168632-01
Address
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING (CC) N71-11
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, N249-11 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)
SNUBBER PSA-1/2	PACIFIC SCIENTIFIC	3813	N/A	1CC36030S	1979	REPLACED	YES
SNUBBER 301856 RF2	LISEGA	97 614023/085	N/A	1CC36030S	1997	REPLACEMENT	NO

7. Description of Work: Replaced a Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks _____ 99168632

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 Eposito

RRR COORD.

Date

4-11, 2002

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 9/23/00 to 4/12/02, 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]

Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date

April 12, 2002

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 03/15/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 99168634-01
Address
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name
555 S. Joliet Rd, Bolingbrook, IL 60440 Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
Expiration Date Not Applicable
Address
4. Identification of System COMPONENT COOLING (CC) N71-11
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, N249-11 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)
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	2701	N/A	1CC35018S2	1977	REPLACED	YES
SNUBBER 301856 RF1	LISEGA	00 614803/020	N/A	1CC35018S2	2000	REPLACEMENT	NO

7. Description of Work: Replaced a Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks _____ 99168634-01

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 Esposito

RRR Coordinator

Date

4-12, 20 02

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 8/3/01 to 4/12/02, 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. D. Winkler

Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date

April 12, 20 02

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 03/13/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 99168640-01
Address
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING (CC)
Address
5. (a) Applicable Construction Code Section III N71-11 1974 Edition, S/74 Addenda, N249-11 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)
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	12491	N/A	1CC36005S	1993	REPLACED	YES
SNUBBER 301856 RF1	LISEGA	00 614803/026	N/A	1CC36005S	2000	REPLACEMENT	NO

7. Description of Work: Replaced a Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9.

Remarks

99168640-01

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 E. Smith

RRR Coordinator

Date

4-12

, 2002

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 8/3/01 to 4/12/02, 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. A. K. Hubbs

Inspector's Signature

Commissions

111-1254

National Board, State Province, and Endorsements

Date

April 12, 2002

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 03/15/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Work Order No. 99168641-01
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING (CC)
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, N249-11 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)
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	2837	N/A	ICC31019S	1993	REPLACED	YES
SNUBBER 301856 RF1	LISEGA	00 614803/021	N/A	ICC31019S	2000	REPLACEMENT	NO

7. Description of Work: Replaced a Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9.

Remarks

99168641

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 Espinoza

RRR Coord.

Date

4-11

, 20 02

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 8/31/01 to 4/12/02, 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

April 12

, 20

02

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 03/15/02
Name
4300 Winfield Rd. Warrenville, Illinois 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Order No. 99285566-01
3. Work Performed by N P S & W Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING (CC)
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, N-1644 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)
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	10374	N/A	1CC29103S	1979	REPLACED	YES
SNUBBER PSA-1/4	PACIFIC SCIENTIFIC	23761	N/A	1CC29013S	1981	REPLACEMENT	YES

7. Description of Work: Replaced a degraded Pacific Scientific snubber with a new Pacific Scientific 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 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks _____ 99285566-01

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 Esposito

RRR Coordinator

Date

4-15, 2002

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 3/15/02 to 4/16/02, 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. A. [Signature]

Inspector's Signature

Commissions

16-1-1254

National Board, State Province, and Endorsements

Date

April 16, 2002

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 3/6/02
Name
4300 Winfield Rd., Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Order No. 00360526-22
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Chemical and Volume Control (CV)
5. (a) Applicable Construction Code Section III 1974 Edition, S/75 Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Gate Valve	Flowserve	E356T-11-3	N/A	1CV380A	2001	Replacement	YES
Pipe 3", Sch. 40	Sterling Tube	HT# SF551	N/A	1CV104A	1999	Replacement	NO
Elbow, Pipe, 3" Sch. 40	Taylor Forge	HT# LWQR-1	N/A	1CV104A	2001	Replacement	NO
Elbow, Pipe, 3" Sch. 160	G&W Taylor	HT# JJXI	N/A	1CV80A	1979	Deleted	NO
Pipe, 3" Sch. 160	DMV Stainless	HT# 900956	N/A	1CV104A	1999	Replacement	NO
Pipe, 3", Sch. 40	Sterling Tube	HT# 70038	N/A	1CV104A	1999	Replacement	NO
Tee, Pipe, 3" Sch. 40	Taylor Forge	HT# LWFF-1	N/A	1CV104A	2001	Replacement	NO
Lug, Attachment	Jessop Steel	HT# 301045A	N/A	1CV104A	1991	Replacement	NO
Elbow, Pipe 3"	Taylor Forge	HT# LWQR-2	N/A	1CV104A	2001	Replacement	NO

7. Description of Work: INSTALL, PIPING AND VALVES PER EC 332356 (CV side)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure see below psi Test Temp. see below °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.

9. Remarks Code Case N-416-1 invoked W/O 00360526-22

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 conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization Not Applicable

Expiration Date Not Applicable

Signed [Signature] R.R. COORO. (30)

Date 5/3, 20 02

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 2/5/02 to 5/3/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date May 3, 20 02

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 3/19/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, Il. Unit 01
Work Request No. 99037446-01
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 Chemical & Volume Control (CV)
5. (a) Applicable Construction Code Section III 1971 Edition, S/72 Addenda, 1649 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	N56900-00-0015	n/a	1CV8123 <i>JRS 11/14/02</i>	1977 1975	Replaced	Yes
Relief Valve	Crosby	N56900-00-0075	n/a	1CV8123	1998	Replacement	Yes

7. Description of Work: Replace Relief Valve 1CV8123
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 30 psi Test Temp. 76 °F

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

FORM NIS-2 (Back)

9. Remarks WO 99037446-01

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 4/14, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/6/00 to 4/6/00, 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]
Inspector's Signature

Commissions

126-1254

National Board, State Province, and Endorsements

Date

April 16, 20 02

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 3/22/02
Name
4300 Winfield Rd. Warrenville, IL 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Order No. 99255737-01
Address
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Chemical and Volume Control (CV)
5. (a) Applicable Construction Code Section III 1971 Edition, S72 Addenda, 1649 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"X3", RELIEF VALVE	CROSBY VALVE	N56903-00-0035	N/A	MOD# JB-TD-WR, EPN: 1CV8117	1999	REPLACED	Yes
2"X3", RELIEF VALVE	CROSBY VALVE	N56903-00-0027	N/A	MOD# JB-35-TD-WR EPN: 1CV8117	1979	REPLACEMENT	YES

7. Description of Work: REPLACED RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure see below psig Test Temp. see below °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.

3 psig discharge @ 80°F
350 psig suction @ 557 °F

FORM NIS-2 (Back)

9.

Remarks

W/O 99255737-01

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]
Owner or Owner's Designee, Title

Date

5/6, 2002

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 9/5/01 to 5/6/02, 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]
Inspector's Signature

Commissions

126-1254

National Board, State Province, and Endorsements

Date

May 6, 2002

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

1. Owner EXELON CORPORATION Date 1/18/01
4300 Winged Rd Name Wartenville, IL 60585
P.O. BOX 805379, CHICAGO, IL 60680-5379 Sheet 1 of 1
30.5 2/11/01
 Address
2. Plant Byron Nuclear Power Station Unit 01
 Name
4450 N. German Church Road, Byron, IL Work Request No. 990172641-01
 Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
 Name
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
 Address Expiration Date Not Applicable
4. Identification of System DO
5. (a) Applicable Construction Code Section III 1977 Edition, S77 Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89/NA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE	N62578-00-0012	N/A	EPN 1DO020B	1980	REPLACED	YES
RELIEF VALVE	CROSBY VALVE	N62578-00-0015	N/A	CAT ID# 27081	1980	REPLACEMENT	YES

7. Description of Work REPLACE RELIEF VALVE WITH NEW, BENCH TESTED, RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 30.5 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.

FORM NIS-2 (Back)

9. Remarks WR 990172641-01
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] ISI Engr Date 8/11 19 2001
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&L Co. of Hartford, CN, CT. have inspected the components described in this Owner's Report during the period 11/13/00 to 8/13/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 121-1254
Inspector's Signature National Board, State Province, and Endorsements

Date August 13, 19 2001

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

1. Owner EXELON CORPORATION Date 1/18/01
Name
P.O. BOX 805379, CHICAGO, IL 60680-5379
Address
 2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
 Work Request No. 990172642-01
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 DO
 5. (a) Applicable Construction Code Section III 1977 Edition, S77 Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89/NA
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE	N62578-00-0009	N/A	EPN 1DO020D	1980	REPLACED	YES
RELIEF VALVE	CROSBY VALVE	N62578-00-0003	N/A	CAT ID# 27081 1D020D	1980	REPLACEMENT	YES

7. Description of Work REPLACE RELIEF VALVE WITH NEW, BENCH TESTED, RELIEF VALVE 1D020D
 8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 32.5 psi Test Temp. 73.6 °F

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

FORM NIS-2 (Back)

9. Remarks WR 990172642-01
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]
Owner or Owner's Designee, Title

Date 4/18/01, 192001

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 Hartford, CN: CT. have inspected the components described in this Owner's Report during the period 11/28/00 to 4/18/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

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

Date April 18, 19 2001

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

1. Owner Exelon Nuclear Date 1/19/02
4300 Winfield Rd (Name Warrenville, IL
PO Box 805379, Chicago, IL 60680-5379 60555
Address
JES
3-13-02
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 01
Address
Work Request No. 394592-01
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address
Repair Organization, P.O. No., Job No., etc.
Expiration Date Not Applicable
4. Identification of System FIRE PROTECTION
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)
PIPE	S.W. FAB	FP-18-7 HT# LO3689	N/A	0FP C2BA	1977	REPLACED	NO
PIPE	Consolidated Paper Supply	HT # XB2751	N/A	0FPC2BA	2002	REPLACEMENT	NO

7. Description of Work REPLACE PIPING
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 173 psi Test Temp. 73 °F

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

(2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1 W/O 394592-01
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
APPLICABLE

Expiration Date NOT

Signed *[Signature]* ISI Engr Date 3/13, 2002
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 & L Co. ^{385 3-3-02} HSB CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 1/14/02 to 3/14/02, 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 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date March 14, 2002

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 3/22/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 00397322-01
Address
3. Work Performed by NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
131 Venture Blvd, Spartanburg, SC 29306 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Main Steam (MS)
5. (a) Applicable Construction Code Section III 1974 Edition, No 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	Dresser Industrial Valve & Instr Div	G/E/AAF42	n/a	IMS015B s/n: BR09599	1977	Replaced	No
Valve Disc	Dresser Industrial Valve & Instr Div	ADE58	n/a	IMS015B s/n: BR09599	2001	Replacement	No

7. Description of Work: Replace Valve Disc in IMS015B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1088.5 psi Test Temp. 395 °F

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

FORM NIS-2 (Back)

9. Remarks W/O 00397322-01
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 4/9, 20 02
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 2/9/02 to 4/10/02, 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 12L-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 10, 20 02

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

1. Work performed by: **NWS Technologies, LLC** Purchase Order # 00040936 Rev. 2
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.

<u>3707R</u>	<u>BR09599</u>	<u>n/a</u>	<u>steam</u>	<u>6"</u>	<u>77</u>
(type)	(mfr's S/N)	(NB#)	(service)	(size)	(yr.built)
- d: Construction Code:

<u>ASME Section III</u>	<u>1974</u>	<u>n/a</u>	<u>n/a</u>	<u>2</u>
(name/section/division)	(edition)	(addenda)	(Code Cases(s))	(Code Class)
6. ASME Code Section XI applicable for inservice inspection:

<u>1989</u>	<u>n/a</u>	<u>n/a</u>
(edition)	(addenda)	(Code Case(s))
7. ASME Code Section XI used for repairs, replacements:

<u>1989</u>	<u>n/a</u>	<u>n/a</u>
(edition)	(addenda)	(Code Case(s))
8. Construction Code used for repairs, replacements:

<u>1974</u>	<u>n/a</u>	<u>n/a</u>
(edition)	(addenda)	(Code Case(s))
9. Design responsibilities: n/a
10. Opening pressure: 1205 psig
Set-pressure adjustment made at: NWS Technologies, LLC using steam
11. Description of work (include name and identifying number of replacement parts): Disassembled, replaced disc,
inspected, lapped, cleaned, lubricated, reassembled, set-pressure & tightness certified.
12. Remarks: New disc s/n ADE58 installed. NWS Traveler # 02-58.

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 replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 632 to use the "VR" stamp expires April 3, 2003.


National Board Certificate of Authorization No. 81 to use the "NR" stamp expires April 9, 2003.

<u>3/18/02</u>	<u>NWS Technologies, LLC</u>		<u>Manager, QA</u>
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 18 March 2002 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. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

<u>3/18/02</u>		<u>NB # 8462, A, N, I NC# 1073</u>
Date	Inspector's Signature	Commissions (NB (incl endorsements), jurisdiction, & NB-AMI)

QA 3/19/02

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 03/22/02
Name
4300 Winfield Rd. Warrenville, Il. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 21
Name JAS 4/10/02
4450 N. German Church Road, Byron, Il. Unit 01
Address Work Request No. 00417056-01
3. Work Performed by NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
131 Venture Blvd, Spartanburg, SC 29306. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System MS MAIN STEAM
5. (a) Applicable Construction Code Section III 19 74 Edition, N/A 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)
DISC, VALVE	DRESSER IND. VALVE	AAH97	N/A	1MS014C s/n BR09596	1978	REPLACED	NO
DISC, VALVE	DRESSER IND. VALVE	ADG36	N/A	1MS014C s/n BR09596	1977	REPLACEMENT	NO

7. Description of Work REBUILD VALVE, REPLACE DISC.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 1084.2 psi Test Temp. 557.2 °F

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

FORM NIS-2 (Back)

9. Remarks W/O# 00417056-01

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]

Owner's Designee, Title

RRR Cond.

Date

4/11

, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 3/10/02 to 4/11/02, 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]

Inspector's Signature

Commissions

121-1254

National Board, State Province, and Endorsements

Date

April 11

, 20

02

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 3/23/02
Name
4300 Winfield Rd. Warrenville, IL 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 00417061-01
Address
3. Work Performed by NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
131 Venture Blvd, Spartanburg, SC 29306 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System MS MAIN STEAM (MS)
5. (a) Applicable Construction Code Section III 19 74 Edition, N/A 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)
DISC, VALVE	DRESSER IND. VALVE	G/E/AAF59	N/A	EPN: 1MS014D VLV S/N: BR09597	1977	REPLACED	NO
DISC, VALVE	DRESSER IND. VALVE	ADC97	N/A	EPN: 1MS014D VLV S/N: BR09597	2000	REPLACEMENT	NO

7. Description of Work Replace Valve Disc. 1MS014D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1092.3 psi Test Temp. 552.4 °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.

FORM NIS-2 (Back)

9. Remarks W/O# 00417061-01

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  S.M.A. RRR Coord.
Owner or Owner's Designee, Title

Date 4/9, 2002

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 3/1/02 to 4/10/02, 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 121-1254
National Board, State Province, and Endorsements

Date April 10, 2002

(NISC Replacement)

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

1. Work performed by: NWS Technologies, LLC Purchase Order # 00040936 Rev. 2
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.
- | (type) | (mfr's S/N) | (NB#) | (service) | (size) | (yr. built) |
|--------|-------------|-------|-----------|--------|-------------|
| 3707R | BR09597 | n/a | steam | 6" | 77 |
- 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: 1220 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, inspected, lapped, cleaned, lubricated, reassembled, set-pressure & tightness certified.
12. Remarks: New disc s/n ADC97 installed. NWS Traveler # 02-57.

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 replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 632 to use the "VR" stamp expires April 3, 2003.

National Board Certificate of Authorization No. 81 to use the "NR" stamp expires April 9, 2003.

3/18/02
Date

NWS Technologies, LLC
Repair Organization

Cesar V. Sierra
Authorized representative

Manager, QA
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 18 MARCH 2002 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. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

3/18/02
Date

Charles F. Toegel Jr.
Inspector's Signature

NB # 8462, A, N, I NC# 1073

Commissions (NB (incl endorsements), jurisdiction, & no.)

HSB-AN11
QA 3/19/02

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 3/23/02
Name
4300 Winfield Rd. Warrenville, IL. 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 99120402-01
Address
3. Work Performed by NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
131 Venture Blvd, Spartanburg, SC. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System [MS] MAIN STEAM
5. (a) Applicable Construction Code Section III 19 74 Edition, N/A 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	DRESSER INDUSTRIES	G/E/AAF53	N/A	EPN: 1MS013A S/N: BR-09590	1977	REPLACED	No
VALVE DISC	DRESSER INDUSTRIES	ADE60	N/A	CAT ID# 16492 1MS013A	2001	REPLACEMENT	No

7. Description of Work REPLACE VALVE DISC WITH INCONEL X-750 MATERIAL DISC - 1MS013A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1086.9 psi Test Temp. 557 °F

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

FORM NIS-2 (Back)

9. Remarks WO 99120402-01

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] RR2 Coord
Owner or Owner's Designee, Title

Date 4/14, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 8/8/02 to 9/6/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

April 16, 20 02

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

1. Work performed by: **NWS Technologies, LLC** Purchase Order # 00040936 Rev. 2
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.
- | | | | | | |
|---|----------------|------------|-----------------|--------------|-------------|
| <u>3707R</u> | <u>BR09590</u> | <u>n/a</u> | <u>steam</u> | <u>6"</u> | <u>77</u> |
| (type) | (mfr's S/N) | (NB#) | (service) | (size) | (yr. built) |
| d: Construction Code: <u>ASME Section III</u> | <u>1974</u> | <u>n/a</u> | <u>n/a</u> | <u>2</u> | |
| (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: 1235 psig
 Set-pressure adjustment made at: NWS Technologies, LLC using steam
11. Description of work (include name and identifying number of replacement parts): Disassembled, replaced disc, inspected, lapped, cleaned, lubricated, reassembled, set-pressure & tightness certified.
12. Remarks: New disc s/n ADE60 installed. NWS Traveler # 02-55.

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 replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 632 to use the "VR" stamp expires April 3, 2003.
 National Board Certificate of Authorization No. 81 to use the "NR" stamp expires April 9, 2003.

3/18/02 NWS Technologies, LLC *Cesar V. 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 18 MARCH 2002 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. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

3/18/02 *Charles F. Toegel Jr.* NB # 8462, A, N, I NC# 1073
 Date Inspector's Signature Commissions (NB (incl endorsements), jurisdiction, & NCB-ANII)

3/19/02

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 3/21/2002
Name
4300 Winfield Rd., Warrenville, IL. 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 99218401-10
Address
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Main Steam
5. (a) Applicable Construction Code Section III 1974 Edition, S75/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)
3" Globe Valve	Velan	1785	N/A	1MS020A	1978	Replaced	YES
3" Globe Valve	Velan	1791	N/A	1MS021A	1978	Replaced	YES
3" Pipe	Armco	HT# 162621	N/A	1MS20AA	1977	Replaced	NO
3" Globe Valve	Velan	12047-1	N/A	1MS020A	2001	Replacement	YES
3" Globe Valve	Velan	12047-5	N/A	1MS021A	2001	Replacement	YES
3" Pipe	US STEEL	HT# Y67155	N/A	1MS20AA	1999	Replacement	NO

7. Description of Work: REPLACED VALVES 1MS020A AND 1MS021A AND PIPE 1MS20AA
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1086 psi Test Temp. 557 F

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

FORM NIS-2 (Back)

9. Remarks code case N-416-1 W/O 99218401-10

Applicable Manufacturer's Data Reports to be attached

PIPE CONSTRUCTED 1974 ED. S75 ADDENDA

VALVES CONSTRUCTED 1974 ED. W75 ADDENDA

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]

Owner or Owner's Designee, Title

Date

4/29, 2002

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 12/13/01 to 4/29/02, 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]

Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date

April 29, 2002

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 03/22/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL
Address
Work Request No. 99229008-01
3. Work Performed by NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
Name
131 Venture Blvd, Spartanburg, SC 29306
Address
Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System MAIN STEAM (MS)
5. (a) Applicable Construction Code Section III 1974 Edition, No 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	Dresser Industries	G/E AAF41	N/a	1MS016C S/N BR09604	1991	Replaced	No
Valve Disc	Dresser Industries	ADE41	N/a	1MS016C S/N BR09604	1991	Replacement	No

7. Description of Work: REPLACE VALVE DISC - 1MS016C
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1084.2 psi Test Temp. 557 °F

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

FORM NIS-2 (Back)

9. Remarks Work Request No. 99229008-01

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 4/17, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 8/20/01 to 9/17/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date April 17, 20 02

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

1. Work performed by: NWS Technologies, LLC Purchase Order # 00040936 Rev. 2
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.
- | | | | | | |
|---|----------------|------------|-----------------|--------------|-------------|
| <u>3707R</u> | <u>BR09604</u> | <u>n/a</u> | <u>steam</u> | <u>6"</u> | <u>77</u> |
| (type) | (mfr's S/N) | (NB#) | (service) | (size) | (yr. built) |
| d: Construction Code: <u>ASME Section III</u> | <u>1974</u> | <u>n/a</u> | <u>n/a</u> | <u>2</u> | |
| (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: 1190 psig
 Set-pressure adjustment made at: NWS Technologies, LLC using steam
11. Description of work (include name and identifying number of replacement parts): Disassembled, replaced disc, inspected, lapped, cleaned, lubricated, reassembled, set-pressure & tightness certified.
12. Remarks: New disc s/n ADE41 installed. NWS Traveler # 02-59.

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 replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

National Board Certificate of Authorization No. 632 to use the "VR" stamp expires April 3, 2003.
 National Board Certificate of Authorization No. 81 to use the "NR" stamp expires April 9, 2003.

3/18/02 NWS Technologies, LLC [Signature] 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 18 March 2002 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. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

3/18/02 [Signature] NB # 8462, A, N, I NC# 1073
 Date Inspector's Signature Commissions (NB (incl endorsements), jurisdiction, & no.)

HSB-ANII
3/23/02

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

1. Owner Commonwealth Edison Company Date 3/21/02
Name
One First National Plaza, Chicago, IL. Sheet 01 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 99264868-01
Address
3. Work Performed by N P S&W VENTURE Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Road, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System (RC) REACTOR COOLANT
5. (a) Applicable Construction Code Section III 19 86 Edition, NO Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
BOLT, STUD 1-1/4-8	NOVA	HT CODE# DVF	N/A	1RC01BC	1997	REPLACED	NO
BOLT, STUD 1-1/4-8	ACCUTECH	Code: 82 HT# 214732	N/A	1RC01BC	2000	REPLACEMENT	NO
NUT, H.H. 1-1/4-8	NOVA	HT CODE# CZJ	N/A	1RC01BC	1997	REPLACED	NO
NUT, H.H. 1-1/4-8	NOVA	HT CODE# CZJ	N/A	1RC01BC	1997	REPLACEMENT	NO

7. Description of Work REPLACE BOLTING MATERIAL DURING OUTAGE (#1, #4 MJ-CS)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 1084 psi Test Temp. 557 °F

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

FORM NIS-2 (Back)

9.

Remarks _____
Applicable Manufacturer's Data Reports to be attached WO 99264868-01

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 4/15, 20 02
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. & Co. HSB Ct. of Hartford, CT have inspected the components described in this Owner's Report during the period 3/19/02 to 4/16/02, 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 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 16, 20 02

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 3/20/02
Name
4300 Winfield Rd., Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address **Work Request No. 99264870-01**
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. **Not Applicable**
Address Expiration Date **Not Applicable**
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 1986 Edition, NO Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
SG Secondary Handhole Stud	CSC	HT # DVF	N/A	1RC01BA	1997	REPLACED	NO
SG Secondary Handhole Stud	KIA Steel	HT # B2	N/A	1RC01BA	1998	REPLACEMENT	NO
SG Secondary Handhole Nut	LaSalle Steel	HT # CZJ	N/A	1RC01BA	1996	REPLACED	NO
SG Secondary Handhole Nut	LaSalle Steel	HT # CZJ	N/A	1RC01BA	1996	REPLACEMENT	NO

7. Description of Work: REPLACED TWO STUDS AND NUTS ON HANDHOLE DUE TO DAMAGE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 1084 psi Test Temp. 557 °F

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

FORM NIS-2 (Back)

9.

Remarks

W/O 99264870-01

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] RECORDED (AV)
Owner or Owner's Designee, Title

Date 4/30, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/17/02 to 4/30/02, 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]
Inspector's Signature

Commissions 122-1254

National Board, State Province, and Endorsements

Date April 30, 20 02

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 3/22/02
Name
4300 Winfield Road, Warrenville, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 02
Work Request No. 99264871 - 01
3. Work Performed by N P S & W VENTURE Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 19 86 Edition, No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
SG Primary Manway Stud #16	Nova Machine Product	Ht. Code DVD	N/A	1RC01BD	1997	Replaced	No
SG Primary Manway Stud #16	Nova Machine Product	S# 225 Ht. Code DVD	N/A	1RC01BD	2002	Replacement	No

7. Description of Work Replaced Primary Manway Stud Bolt on Steam Generator
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2249 psi Test Temp. 560 °F
2235 5/7/02 557 5/7/02

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

FORM NIS-2 (Back)

9.

Remarks

Applicable Manufacturer's Data Reports to be attached

WO 99264871-01

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]

Sgt

RRR Coord

Owner's Designee, Title

Date

5/7

2002

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. & Co. *385 5/16/02*
of Hartford, CT have inspected the components described in this Owner's Report *HSB Ct.*
during the period 3/14/02 to 5/7/02, 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]

Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

May 7

, 20

02

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 3/23/02
Name
4300 Winfield Road, Warrenville, IL.
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 02
Address Work Request No. 99264872 - 01
3. Work Performed by N P S & W VENTURE Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL. 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 19 86 Edition, No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
SG Primary Manway Stud #3	Nova Machine Product	S# 195 Ht. Code DVD	N/A	1RC01BC	1997	Replaced	No
SG Primary Manway Stud #3	Nova Machine Product	S# 238 Ht. Code DVD	N/A	1RC01BC	2002	Replacement	No

7. Description of Work Replaced Primary Manway Stud Bolt on Steam Generator
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 2247 psi Test Temp. 557 560 °F
JRS 5/7/02 JRS 5/7/02

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

FORM NIS-2 (Back)

9. Remarks WO 99264872-01
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 Corp Date 5/7 2002
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. & Co. HSB CL of Hartford, CT have inspected the components described in this Owner's Report during the period 3/19/02 to 5/7/02, 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 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date May 7, 20 02

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 3/23/02
Name
4300 Winfield Road, Warrenville, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL
Address
3. Work Performed by N P S & W Venture Unit 01
Name
555 S. Joliet Rd, Bolingbrook, IL 60440
Address
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 19 86 Edition, No 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)
HL Primary Manway Bolt Holes #2 & #3	Helicoil	HT: 95496	n/a	1RC01BC S/N 7720-01	2000	Replaced	No
HL Primary Manway Bolt Holes #2 & #3	Helicoil	HT: 95852	n/a	1RC01BC S/N 7720-01	2002	Replacement	No
CL Primary Manway Bolt Holes #3	Helicoil	HT: 95852	n/a	1RC01BC S/N 7720-01	2002	Replacement	No

7. Description of Work: Replace Helicoils in HL Primary Manway Stud Holes #2 & #3. Install New Helicoil in CL Primary Manway Stud Hole #3. (Steam Generator 1RC01BC)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2247 psi Test Temp. 560 °F

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

FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-496-1 WO 99264872-04

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 Card
Owner or Owner's Designee, Title

Date 5/7, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/2/02 to 5/8/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date May 8, 20 02

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 3/22/02
Name
4300 Winfield Road, Warrenville, IL.
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 02
Address Work Request No. 99264875 - 01
3. Work Performed by N P S & W VENTURE Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
555 S. Joliet Rd, Bolingbrook, IL. 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 19 86 Edition, No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
SG Primary Manway Stud #15	Nova Machine Product	S# 143 Ht. Code DVD	N/A	1RC01BA	1997	Replaced	No
SG Primary Manway Stud #15	Nova Machine Product	S# 237 Ht. Code DVD	N/A	1RC01BA	2002	Replacement	No
SG Primary Manway Stud #16	Nova Machine Product	S# 145 Ht. Code DVD	N/A	1RC01BA	1997	Replaced	No
SG Primary Manway Stud #16	Nova Machine Product	S# 240 Ht. Code DVD	N/A	1RC01BA	2002	Replacement	No
SG Primary Manway Stud #20	Nova Machine Product	S# 206 Ht. Code DVD	N/A	1RC01BA	2000	Replaced	No
SG Primary Manway Stud #20	Nova Machine Product	S# 219 Ht. Code DVD	N/A	1RC01BA	2002	Replacement	No

7. Description of Work Replaced Cold Leg Primary Manway Stud Bolts on Steam Generator
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2249 ~~2235~~ psi Test Temp. 557 ~~557~~ 560 °F
JRS 5/1/02 JRS 5/7/02

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

FORM NIS-2 (Back)

9. Remarks _____ WO 99264875-01
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] SMT RRR Coord Date 5/7, 2002
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. & Co. CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/19/02 to 5/7/02, 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 111-1254
Inspector's Signature National Board, State Province, and Endorsements

Date May 7, 2002

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 2/27/02
Name
4300 Winfield Rd., Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Work Order No. 00360526-12
3. Work Performed by N P S & Venture Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp **Not Applicable**
555 S. Joliet Rd, Bolingbrook, IL 60440 Authorization No. **Not Applicable**
Address Expiration Date **Not Applicable**
4. Identification of System Residual Heat Removal (RH)
5. (a) Applicable Construction Code Section III 1974 Edition, S/75 Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Gate Valve	Flowserve	E356T-11-2	N/A	1RH8703A	2001	Replacement	YES
Gate Valve	Flowserve	E356T-11-1	N/A	1RH8703B	2001	Replacement	YES
3" x 16" Run Weldolet	Foroni s.p.a.	HT# 1535ANA	N/A	1RH032AB	1994	Replacement	NO
Pipe 3"	Sterling Tubes	HT# 070038	N/A	1RH032AB	1999	Replacement	NO
Pipe 3"	Sterling Tubes	HT# MR405	N/A	1RH032AB	1997	Replacement	NO

7. Description of Work: INSTALL WELDOLET, PIPING AND VALVES PER EC 332356
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure see below psi Test Temp. see below °F

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

FORM NIS-2 (Back)

9. Remarks Code Case N-416-1 invoked W/O 00360526-12

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]
Owner or Owner's Designee, Title

Date 5/2, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1/3/02 to 5/3/02, 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]
Inspector's Signature

Commissions

12L-1254

National Board, State Province, and Endorsements

Date May 3, 20 02

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

1. Owner Exelon Date 03-11-02
Name
4300 Winfield Rd. Warrenville, Il. 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Order No. 98091784-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address
Repair Organization, P.O. No., Job No., etc.
Expiration Date Not Applicable
4. Identification of System RH RESIDUAL HEAT REMOVAL
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)
STUDS	CRUCIBLE	HT# 63311	N/A	ISO #RH-5 1RH607	1976	REPLACED	NO
NUTS	TEXAS BOLT	HT# 51407	N/A	ISO# RH-5 1RH607	1981	REPLACED	NO
STUDS	REPUBLIC STEEL	HT# 97674	N/A	CAT ID# 44337	1979	REPLACEMENT	NO
NUTS	CASTLE METALS	HT# 6057647	N/A	CAT ID# 30520	1998	REPLACEMENT	NO

7. Description of Work: REPLACE FLANGE STUDS AND NUTS
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.

FORM NIS-2 (Back)

9. Remarks _____ WO# 98091784-01

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 Esposito PRR Coordinator

Owner or Owner's Designee, Title

Date 5-6, 2002

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 8/27/01 to 5/7/02, 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. D. Dindick

Inspector's Signature

Commissions 111-1254

National Board, State Province, and Endorsements

Date May 7, 2002

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 3/11/02
Name
4300 Winfield Rd. Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 2
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Request No. 98091785-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System RH RESIDUAL HEAT REMOVAL
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)
STUDS	CRUCIBLE	HT# 63311	N/A	1RH619 ISO RH-5 MJ-5	1979	REPLACED	NO
NUTS	TEXAS BOLT	HT# 51407	N/A	1RH619 ISO RH-5 MJ-6	1979	REPLACED	NO
NUTS	NOVA MACHINE PROD.	HT# 6057647	N/A	CAT ID# 30520	1979	REPLACEMENT	NO
STUDS	NOVA MACHINE PROD.	HT# 97674	N/A	CAT ID# 44337 #73474	1999	REPLACEMENT	NO
STUDS	NOVA MACHINE PROD.	HT# 95513	N/A	CAT ID# 44337 B98-01025	1996	REPLACEMENT	NO

7. Description of Work REPLACE INLET STUDS AND NUTS
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 _____ W/O 98091785-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIRMENT 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] RAC CORP.
Owner or Owner's Designee, Title

Date 5/6, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. CT. of Hartford, CT. have inspected the components described in this Owner's Report during the period 8/27/01 to 5/2/02, 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]
Inspector's Signature

Commissions 111-1254
National Board, State Province, and Endorsements

Date May 7, 20 02

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 3/22/02
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 21
Name 385
4450 N. German Church Road, Byron, IL Unit 01 4/16/02
Address Work Request No. 00326421-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System RY PRESSURIZER
5. (a) Applicable Construction Code Section III 19 71 Edition, S/72 Addenda, 1649 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 PLUG	COPE'S VULCAN	2984	N/A	1RY455A	1977	REPLACED	YES No
VALVE PLUG	COPE'S VULCAN	8921-96148-1-4 (90-1)	N/A	HT#62348 P/N 166192	1980 1990	REPLACEMENT	YES

7. Description of Work REBUILD VALVE, REPLACE PLUG - 1RY455A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2235 psi Test Temp. 560 °F

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

FORM NIS-2 (Back)

9. Remarks WO 00324421-01
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 4/16, 20 02
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. have inspected the components described in this Owner's Report of Hartford, CT. during the period 8/3/01 to 4/16/02, 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 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 16, 20 02

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 3/19/02

Name

4300 Winfield Rd. Warrenville, IL. 60555

Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1

Name

4450 N. German Church Road, Byron, IL.

Address

Unit 01

Work Request No. 00343571-01

Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable

Name

4450 N. German Church Road, Byron, IL.

Address

Authorization No. Not Applicable

Expiration Date Not Applicable
4. Identification of System RY-PRESSURIZER
5. (a) Applicable Construction Code Section III 19 71 Edition, W/72 Addenda, 1501, 1649 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)
PZR Relief Valve	CROSBY VALVE	N56964-00-0089	N/A	EQ. TAG :1RY8010A	1977	REPLACED	YES
PZR Relief Valve	CROSBY VALVE	N56964-00-0111	N/A	CAT ID# 0000024176 1RY8010A	1993	REPLACEMENT	YES

7. Description of Work REMOVE & REPLACE 1A PZR RELIEF VALVE LESS INLET STUDS *Nuts JRS 4/12/02*
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2235 psi Test Temp. 560 °F

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

FORM NIS-2 (Back)

9. Remarks Existing Inlet Nuts will be Re-used on Replacement Valve.
Applicable Manufacturer's Data Reports to be attached

WO 00343571-01

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] SMA RRR Cook.
Owner or Owner's Designee, Title

Date 4/12, 2002

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 Hartford, CT. have inspected the components described in this Owner's Report during the period 8/3/01 to 9/15/02, 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]
Inspector's Signature

Commissions ILL-1254

National Board, State Province, and Endorsements

Date April 15, 2002

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 03/19/02
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 99209868-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address
Expiration Date Not Applicable
Repair Organization, P.O. No., Job No., etc.
4. Identification of System Reactor Coolant Pressurizer (RY)
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)
PRESSURIZER RELIEF VALVE	CROSBY GAGE CO.	N56964-00-030	N/A	1RY8010B CAT.ID.#24176	1976	REPLACED	YES
PRESSURIZER RELIEF VALVE	CROSBY GAGE CO.	N56964-00-0090	N/A	1RY8010B CAT.ID.#24176	1976	REPLACEMENT	YES
Inlet stud 1-3/8"-8X10"	CROSBY GAGE CO.	N/A	N/A	ID# 90488-1256 THRU 1267	1976	REPLACED	NO
Inlet stud 1-3/8"-8X10"	CARDINAL	N/A	N/A	HEAT#23762 TRACE CODE: OL	1990	REPLACEMENT	NO

7. Description of Work REPLACE PZR RELIEF VALVE. REPLACE ONE INLET STUD ON REPLACEMENT VALVE.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 2235 psi Test Temp. 560 °F

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

FORM NIS-2 (Back)

9. Remarks W/O# 99209868-01

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] SMA RRR Corp.
Owner or Owner's Designee, Title

Date 4/16, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 12/6/01 to 4/16/02, 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]
Inspector's Signature

Commissions

142-1254

National Board, State Province, and Endorsements

Date April 16, 20 02

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 3/17/02
Name
PO Box 805379, Chicago, IL 60680-5379
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 01
Address Work Request No. 99218460-01
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 STEAM GENERATOR BLOWDOWN (SD)
5. (a) Applicable Construction Code Section III 19 74 Edition, S76 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE PLUG	MASONEILAN	B1602H-18	N/A	1SD002F	1998	REPLACED	NO
VALVE PLUG	MASONEILAN	116006 - 16	N/A	1SD002F	2002	REPLACEMENT	NO

7. Description of Work REBUILD VALVE/REPLACE PLUG - 1SD002F
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ 285 psi
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.

FORM NIS-2 (Back)

Remarks

WO 99218460-01

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 4/17, 2002

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. T & L Co. HSB CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 4/6/02 to 4/17/02, 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]
Inspector's Signature

Commissions

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

Date April 17, 2002

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 3/20/02
Name
4300 Winfield Rd. Warrenville, IL 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 99283044-01
Address
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SD STEAM GENERATOR BLOWDOWN
5. (a) Applicable Construction Code Section III 19 74 Edition, W/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)
PLUG, VALVE	CRUCIBLE STEEL	X15727-118	N/A	1SD002D	1979	REPLACED	NO
PLUG VALVE	MASONEILON	S37946-2	N/A	1SD002D	2002	REPLACEMENT	NO

7. Description of Work REBUILD VALVE. REPLACE PLUG, 1SD002D
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.

FORM NIS-2 (Back)

9. Remarks W/O 99283044-01

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. (BACKUP)
Owner or Owner's Designee, Title

Date April, 25, 2002

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 4/14/02 to 4/25/02, 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]
Inspector's Signature

Commissions 121-1254

National Board, State Province, and Endorsements

Date April 25, 20 02

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

Doe #14

1. Owner Exelon Date 03-20-02
Name
4300 Winfield Rd. Warrenville, IL. 60555
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Order No. 00379883-01
Address
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SI SAFETY INJECTION
5. (a) Applicable Construction Code Section III 19 77 Edition, S/77 Addenda, NONE Code Case 1644-8
(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)
Sway Strut End Boss & Rear Brkt. Welds	ELCEN METAL PRODUCTS	FIG. 420N, SIZE-6	N/A	ISI06A01X	1982	REPLACEMENT	YES

7. Description of Work: MODIFY SWAY STRUT END BOSS AND REAR BRACKET WELDS PER EC# 79260
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

V7-3 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.

FORM NIS-2 (Back)

Doc #14

9.

Remarks

WO# 00379883-01

Applicable Manufacturer's Data Reports to be attached

STRUT WAS REMOVED, END BOSS WAS GROUND OFF, THE STRUT BODY WAS SHORTENED AND THE
END BOSS WAS RE-WELDED TO STRUT BODY.

THE REAR BRACKET WAS GROUND OFF AND RE-WELDED TO NEW STRUCTURAL STEEL.

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 E. Sparto
Owner or Owner's Designee, Title

RRR Coordinator

Date

5-8, 2002

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 1/2/02 to 5/8/02, 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. H. Indivich
Inspector's Signature

Commissions

111-1254

National Board, State Province, and Endorsements

Date

May 08, 2002

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 10/10/01
Name
4300 Winfield Rd. Warrenville, IL 60555 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Order No. 97124197-01
Address
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SAFETY INJECTION (SI)
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
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)
1SIJ7A (WELD 1) SOCKOLET	G&W Bonney Forge	HT# 837235	N/A	1SIJ7A SOCKOLET TO 3/4" PIPE	1979	REPAIRED	NO

7. Description of Work: REPAIR WELD FW-1, SOCKOLET 3/4" WELD ON PIPE 1SIJ7A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A Other ☐ Pressure _____ psig Test Temp. _____ °F

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

FORM NIS-2 (Back)

9.

Remarks

W/O 97124197-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this 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 COORS

Date

5/7

,2002

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 9/27/01 to 5/8/02, 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]

Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

May 8

, 20

02

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 03/18/02
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 01
Work Request No. 99209865-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc. 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 SI - SAFETY INJECTION
5. (a) Applicable Construction Code Section III 19 71 Edition, S/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	N56902-00-0006	N/A	EPN: 1SI8856B	1975	REPLACED	YES
RELIEF VALVE	CROSBY	N56902-00-0016	N/A	CAT. ID# 27740 <u>1SI8856B</u>	1976	REPLACEMENT	YES

7. Description of Work TEST NEW VLV. & INSTALL. REMOVE INSTALLED VLV. & TEST FOR EXPANSION.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 170 psi Test Temp. 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.

This form has been electronically generated.

FORM NIS-2 (Back)

9. Remarks W/O# 99209865-01

Applicable Manufacturer's Data Reports to be attached

W/O: 99209865-01

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



Sgt

RRR Coord

Owner or Owner's Designer, Title

Date

4/10

, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. I & L Co. CT of Hartford, CT. have inspected the components described in this Owner's Report during the period 4/4/02 to 4/11/02, 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

122-1054

National Board, State Province, and Endorsements

Date

April 11

, 20

02

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 3/20/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
 Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 99225186-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Safety Injection (SI)
5. (a) Applicable Construction Code Section III 1971 Edition, W72 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 Disc	Westinghouse	2064	n/a	1SI8818D	1975	Replaced	No
Check Valve Disc	Westinghouse	1850	n/a	1SI8818D	1997	Replacement	No

7. Description of Work: Replace Check Valve Disc – 1SI8818D
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.

FORM NIS-2 (Back)

9. Remarks WO 99225186-01
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] SMT RRR Coord
Owner or Owner's Designee, Title

Date 4/16, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/19/02 to 4/17/02, 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]
Inspector's Signature

Commissions 126-1254
National Board, State Province, and Endorsements

Date April 17, 20 02

Doc #14

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

1. Owner Exelon Date 03-19-02
Name
4300 Winfield Rd. Warrenville, IL. 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Order No. 99228999-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SI SAFETY INJECTION
5. (a) Applicable Construction Code Section III 19 77 Edition, S/77 Addenda, NONE Code Case 1644-8
 (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)
Sway Strut End Boss & Rear Brkt. Welds	ELCEN METAL PRODUCTS	FIG. 420N, SIZE-6	N/A	1SI06B01X	1982	REPLACEMENT	YES

7. Description of Work: MODIFY SWAY STRUT END BOSS AND REAR BRACKET WELDS PER EC# 79260
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.

Doc #14

FORM NIS-2 (Back)

9. Remarks WO# 99228999-01
- Applicable Manufacturer's Data Reports to be attached
- STRUT WAS REMOVED, END BOSS WAS GROUND OFF, THE STRUT BODY WAS SHORTENED AND THE
- END BOSS WAS RE-WELDED TO STRUT BODY.
- THE REAR BRACKET WAS GROUND OFF AND RE-WELDED TO NEW STRUCTURAL STEEL.

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 E. Smith

Owner or Owner's Designee, Title

RRR coordinator

Date

5-8, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/2/02 to 5/8/02, 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. H. H. H. H.

Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

May 08, 20 02

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

- | | | |
|----|---|---|
| 1. | Owner <u>Exelon Nuclear</u>
Name
<u>4300 Winfield Road, Warrenville, IL</u>
Address | Date <u>3/6/02 & 3/21/02</u> |
| 2. | Plant <u>Byron Nuclear Power Station</u>
Name
<u>4450 N. German Church Road, Byron, IL</u>
Address | Sheet <u>1</u> of <u>1</u>

Unit <u>01</u>

<u>Work Request No. 00367096-01 & 97004641-01</u>
Repair Organization, P.O. No., Job No., etc. |
| 3. | Work Performed by <u>N P S & W Venture</u>
Name
<u>555 S. Joliet Rd, Bolingbrook, IL 60440</u>
Address | Type Code Symbol Stamp <u>Not Applicable</u>
Authorization No. <u>Not Applicable</u>
Expiration Date <u>Not Applicable</u> |
| 4. | Identification of System <u>Essential Service Water (SX)</u> | |
| 5. | (a) Applicable Construction Code <u>Section III</u> 19 <u>71</u> Edition, <u>S75</u> Addenda, <u>None</u> Code Case

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Studs	Hunter Corp	HP36, HP37, HP34	n/a	MJ-31A 1SX001A	1984	Replaced ✓	No
Threaded Rod 1 ½" x 8	Nova Machine Products	H: 69161 T: KNM	n/a	MJ-31A 1SX001A	1998	Replacement ✓	No
Threaded Rod 1 ½" x 8	Nova Machine Products	H: 28901 T: E250	n/a	MJ-31A 1SX001A	2002	Replacement ✓	No
Threaded Rod 1 ½" x 8	Nova Machine Products	H: 97138 T: KVG	n/a	MJ-31A 1SX001A	1998	Replacement ✓	No
Heavy Hex Nuts 1 ½" x 8	Hunter Corp	HP38	n/a	MJ-31A 1SX001A	1984	Replaced ✓	No
Heavy Hex Nuts 1 ½" x 8	Nova Machine Products	H: 681A037 T: KYU	n/a	MJ-31A 1SX001A	1998	Replacement ✓	No
Heavy Hex Nuts 1 ½" x 8	Nova Machine Products	Lot: 35599018 T: RH58	n/a	MJ-31A 1SX001A	1997	Replacement ✓	No
Heavy Hex Nuts 1 ½" x 8	Nova Machine Products	H: 119082 T: NKL	n/a	MJ-31A 1SX001A	2001	Replacement ✓	No

7. Description of Work: Replace Studs/Nuts on Valve 1SX001A (MJ-31A)
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.

FORM NIS-2 (Back)

9.

Remarks

Applicable Manufacturer's Data Reports to be attached

WO 00367096-01
97004641-01

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] SRM RPR Carol
Owner or Owner's Designee, Title

Date

4/8, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/27/02 to 4/9/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

April 9, 20 02

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 2-2/-02
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System ESSENTIAL SERVICE WATER (SX)
5. (a) Applicable Construction Code Section III 19 74 Edition, S76 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)
**OB SX MU PP JW HT EXCH.	AMERICAN STANDARD	77A20011-01-1	32532	0SX03AB	1978	REPLACED	YES
**OB SX MU PP JW HT EXCH	ENERGY STEEL	CAT ID# 1232829 <i>HT* R8951 SLAB 8</i>		0SX03AB INLET END	2002	REPLACEMENT	NO
**OB SX MU PP JW HT EXCH	ENERGY STEEL	CAT ID# 1232830 <i>HT* R8951 SLAB 8</i>		0SX03AB OUTLET END	2002	REPLACEMENT	NO

**END COVERS ONLY

7. Description of Work REPLACE END COVERS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 148 psi Test Temp. 46 °F VT-2

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

FORM NIS-2 (Back)

9. Remarks Wo# 339857-01
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 Esposito RRR Coordinator Date 5-1, 2002
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 & L Co. CT 245/02 of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/4/02 to 5/1/02, 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.

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

Date May 1, 2002

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 3/4/02
Name
4300 Winfield Road, Warrenville, IL
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 02-01 JRS 4/2/02
Name
4450 N. German Church Road, Byron, IL
Address
Work Request No. 00367098 - 01
3. Work Performed by N P S & W VENTURE Repair Organization, P.O. No., Job No., etc.
Name
555 S. Joliet Rd, Bolingbrook, IL 60440 Type Code Symbol Stamp Not Applicable
Address
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System ESSENTIAL SERVICE WATER
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 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
36" Flange	Coffer Corp.	Ht# PCD2	N/A	Cat. ID 1231968	2002	Replacement	NO
36" Pipe	Dalmine	Code: XAP Ht# 202401	N/A	Cat. ID 10660	1990	Replacement	NO

7. Description of Work Fabricated Pipe Spools to be used for SX valve replacment, if required. (Spare Spool piece)
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.

9. Remarks Invoke Code Case N-416-1, VT-2 to be performed
when spool is installed in 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 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] [Signature] RRR Coord Date 4/9, 2002
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. CT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/14/02 to 4/9/02, 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 166-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 9, 20 02

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 01/11/01
Name
PO Box 805379, Chicago, IL 60680-5379 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 970046298-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
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)
Hinge Pin Bushing	Anderson Greenwood	N28813 (Valve) B195-2 (Body)	n/a	ISX116A	1993	Replacement*	No
Disc	Anderson Greenwood	B096	n/a	ISX116A	1993	Replaced	No
Hex Head Bolt	Anderson Greenwood	N28813 (Valve)	n/a	ISX116A	1993	Replaced	No
Slotted Hex Nut	Anderson Greenwood	N28813 (Valve)	n/a	ISX116A	1993	Replaced	No

7. Description of Work: *Seal Welded Existing Hinge Pin Bushing to Valve Body. Permanently Removed Valve Internals
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.

FORM NIS-2 (Back)

9. Remarks _____ 970046298-01


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

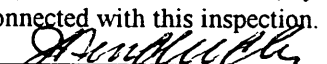
Signed  SAA ISI Engineer Date 2/1, 2001 9th 2/1/01

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.L Co of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/27/00 to 4/1/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

 Commissions 126-1254

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

Date February 1, 20 01

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 01/08/99
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, Il. Unit 00
Address **Work Order No. 970124109-01**
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 Repair Organization, P.O. No., Job No., etc.
4. Identification of System ESSENTIAL SERVICE WATER (SX)
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
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 HT# 207N606	N/A	SI# 703D23 OFE-285	1997	REPLACEMENT	NO
PIPE, SCH. 40, SA-106 GR. B	US STEEL GROUP	HT# X04284	N/A	HT# 768A33 0SX79BA	1995	REPLACEMENT	NO
3/4" HEX NUT, SA-194 GR. 2H	NOVA	HT CODE EKP HT# 8098740	N/A	SI# 796D01 OFE-285	1997	REPLACEMENT	NO
3/4" THREADED ROD, SA-193 GR.	NOVA	HT CODE DXT HT# 67375	N/A	SI# 796D75 OFE-2851997	1997	REPLACEMENT	NO
ORIFICE PLATE	ENERGY STEEL & SUPPLY	HT# AB83	N/A	SI# 706E21 OFE-285	1998	REPLACEMENT	NO

7. Description of Work: INSTALL NEW ORIFICE FLANGE PER DCP 9700732 (OFE-285)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 96 psig Test Temp. 74 °F

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

FORM NIS-2 (Back)

9.

Remarks _____ W/O 970124109-01

Applicable Manufacturer's Data Reports to be attached

REPLACED PIPE 0SX79BA-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]

Owner or Owner's Designee, Title

Date 5/9, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/3/02 to 5/9/02, 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]
Inspector's Signature

Commissions

ILL-1254

National Board, State Province, and Endorsements

Date May 09, 20 02

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

1. Owner EXELON CORPORATION Date 6/08/01
4300 Winfield Rd Name Warrenville IL
P.O. BOX 803379, CHICAGO, IL 60680-5379 ~~Losss~~ Sheet 1 of 1
 Address
2. Plant Byron Nuclear Power Station Unit 00
 Name
4450 N. German Church Road, Byron, IL Work Request No. 990101543-01
 Address
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 SX
5. (a) Applicable Construction Code Section III 1974 Edition, S76 Addenda, NONE Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89/NA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
END COVER STUDS	AMERICAN STANDARD	77A20011-03-1	N/A	EPN#0SX04AB	1978	REPLACED	NO
END COVER STUDS	Nova	HT# 99694	N/A	CAT ID# 25042	1999	REPLACEMENT	NO

7. Description of Work REPLACE END COVER STUDS WHEN REINSTALLING END 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.

FORM NIS-2 (Back)

9.

Remarks

Applicable Manufacturer's Data Reports to be attached

WR 990101543-01

National Board Number of vessel - 32534.

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] SMA ISI Engr
Owner or Owner's Designee, Title

Date

8/18 19-2001

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&L Co. of Hartford, CN. CT have inspected the components described in this Owner's Report during the period 6/7/01 to 8/20/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

Aug. 20 19 2001

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

1. Owner Exelon Nuclear Date 07/10/01
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, Il. Unit 01
Address Work Request No. 990173885-01
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 Essential Service Water (SX)
5. (a) Applicable Construction Code Section III 1974 Edition, S75 Addenda, None Code Case
1986 Ed '87 Ad - Valve
 (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)
Pipe	Quanex Gulf States Tube	Ht Cd: AA	n/a	1SX58AB-2"	1977	Replaced	No
Elbow	Bonney Forge	Ht Cd: M-240	n/a	1SX58AB-2"	1977	Replaced	No
Pipe	Quanex Gulf States Tube	Ht: 698754	n/a	1SX58AB-2"	1997	Replacement	No
Elbow	Bonney Forge	Lot: 77763	n/a	1SX58AB-2"	1997	Replacement	No
Valve	Flowserv Corp.	E093T 6-3 <i>1985 8/2/82</i>	N/a	1SX2199B	2000	Replacement	Yes

7. Description of Work: Install new isolation valve and associated piping.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 98 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.

FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1

WO 990173885-01

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 Designee, Title

Date 5/7, 2002

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 12/14/00 to 5/8/02, 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]
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date May 08, 2002

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 07/10/01
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, Il. Unit 01
Work Request No. 990173885-03
3. Work Performed by Byron Mechanical Maintenance Address Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Essential Service Water (SX)
5. (a) Applicable Construction Code Section III 1974 Edition, S75 Addenda, None Code Case
1986 Ed '87 (VALVE)
 (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)
Pipe-2"	Quanex Gulf States Tube	Ht Cd: AA Ht: JD1571	n/a	ISX58AB-2"	1977	Replaced	No
Pipe-2"	Quanex Gulf States Tube	Ht: 698754	n/a	ISX58AB-2"	1997	Replacement	No
Pipe-1 1/2"	Quanex Gulf States Tube	Ht: 217644	n/a	ISXK1AB-1 1/2"	1997	Replacement	No
Valve	Flowserve Corp.	E093T-7-2	N/a	ISX2200B	2000	Replacement	Yes
Pipe Tee - 2"	Captital Manuf.	R41S	n/a	ISX58AB-2"	1995	Replacement	No
2"x1 1/2" Reducing Insert	Captital Manuf.	020M	n/a	ISX58AB-2"	1995	Replacement	No

7. Description of Work: Install new valve and associated piping.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 98 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.

FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1

WO 990173885-03

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 [Signature] RRR Coord
Owner or Owner's Designee, Title

Date 5/7, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1/3/11 to 5/8/02, 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]
Inspector's Signature

Commissions ILL-1254

National Board, State Province, and Endorsements

Date May 18, 20 02

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 02/08/01
Name
PO Box 805379, Chicago, IL 60680-5379 Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990205200-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Essential Service Water (SX)
5. (a) Applicable Construction Code 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
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)
Field Weld 1 1SX2199A	Exelon Nuclear	n/a	n/a	1SX2199A	2001	Replacement	No
Field Weld 3 1SX58AA-2"	Exelon Nuclear	Original Weld FW1561	n/a	1SX58AA-2"	2001	Replacement	No

7. Description of Work: Cut out valve/pipe assembly. Rotate Valve and re-weld existing valve/pipe assembly.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 95 psi Test Temp. 73 °F

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

FORM NIS-2 (Back)

9. Remarks Invoked code Case N-416-1.

WR 990205200-01

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] SMA IST ENGR
Owner's Designee, Title

Date 2/14/01, 2001

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.L.L Co of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1/18/01 to 2/16/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 122-1254
National Board, State Province, and Endorsements

Date Feb. 16, 2001

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

1. Owner Exelon Nuclear Date 2/20/01
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, Il. Unit 01
Address Work Order No. 990225983-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SX-ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 1974 Edition, S76 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)
SCREW, HEAVY HEX	HAYWARD TYLER CO.	N/A	N/A	1SX04P	1980	REPLACED	NO
SCREW, HEAVY HEX, 1"-8 X21/2"	TEXAS BOLT CO.	HT# 11277	N/A	1SX04P	1985	REPLACEMENT	NO

7. Description of Work: REPLACED PUMP CASING MOUNTING BOLTS
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A Other ☐ Pressure _____ psig Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks _____ W/O 990225983-01

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]

Owner or Owner's Designee, Title

Date 5/6

, 2002

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 1/12/01 to 5/6/02, 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]

Inspector's Signature

Commissions 121-1254

National Board, State Province, and Endorsements

Date May 6, 20 02

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 3/15/02
Name
4300 Winfield Rd. Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL. Unit 01
Address Work Request No. 99269847-01
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 [SX] 1-SX-2-N5 ESIGN 724C SERVICE WATER
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, 1702 N/A 1773 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	JAMESBURY	ND-48858-11-B	N/A	EQUIP#: 1SX143B	1978	REPLACED	YES
VALVE	JAMESBURY	ND-48859-09A	N/A	CAT ID# 9784 1SX143B	1978	REPLACEMENT	YES

7. Description of Work REPLACE VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 101 psi Test Temp. 63 °F

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

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached W/O 99269847-01

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR/RS 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]
Owner or Owner's Designee, Title

Date 5/7, 2002

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. L&Co. CT
 of Hartford, CT. have inspected the components described in this Owner's Report during the period 1/9/02 to 5/9/02, 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]
Inspector's Signature

Commissions 11L-1254
National Board, State Province, and Endorsements

Date May 09, 2002

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 9/28/01
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL. Work Request No. 99164731-01
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Chilled Water (WO)
5. (a) Applicable Construction Code Section III 1980 Edition, S80 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 Disc	Target Rock	203076	n/a	0WO028B S/N 3	1982	Replaced	No
Relief Valve Disc	Target Rock	29	n/a	0WO028B	1999	Replacement	No
Inlet Flange	Target Rock	300862	n/a	0WO028B S/N 3	1982	Repaired	No
Inlet Studs	Hunter Corp.	G082	n/a	0WO0136AB-1 1/2" 0WO028B	1984	Replaced	No
Inlet Studs	Nova Machine Products	H: 71606 T: QKZ	n/a	0WO0136AB-1 1/2" 0WO028B	2000	Replacement	No
Inlet Nuts	Hunter Corp.	G094	n/a	0WO0136AB-1 1/2" 0WO028B	1984	Replaced	No
Inlet Nuts	Nova Machine Products	H: 8868157 T: GQP	n/a	0WO0136AB-1 1/2" 0WO028B	1997	Replacement	No

7. Description of Work: Repla ce Valve Disc and Inlet Studs/Nuts. Machine Inlet Flange to Create Sharp Edges – 0WO28B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 35 psi Test Temp. 65 °F

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

FORM NIS-2 (Back)

9. Remark

WO 99164731-01

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.
Owner or Owner's Designee, Title

Date

4/9, 20 02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, Ct. have inspected the components described in this Owner's Report during the period 8/27/01 to 4/12/02, 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]
Inspector's Signature

Commissions

12L-1254

National Board, State Province, and Endorsements

Date

April 10, 20 02

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 1/24/02
Name
4300 Winfield Rd, Warrenville, IL 60555
Address
 Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 980110293-01
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, IL. Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System SPARE VALVE
5. (a) Applicable Construction Code Section III 1971 Edition, S72 Addenda, None Code Case 1540-1 In 5/6/02
 (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)
Heavy Hex Nut	ITT Grinnell	74-1658-17-7	n/a	Spare Valve	1977	Replaced	No
Heavy Hex Nut	A&G Engineering	Ht Cd: AHD HT A13629	n/a	Spare Valve	1984	Replacement	No
Stud	ITT Grinnell	74-1658-17-7	n/a	Spare Valve	1977	Replaced	No
Stud	A&G Engineering	Ht Cd: AIC HT 6L6089	n/a	Spare Valve	1984	Replacement	No

7. Description of Work: Replace Bonnet Stud and Nut on Spare Valve
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.

FORM NIS-2 (Back)

9. Remarks w/o 98010293-01

Applicable Manufacturer's Data Reports to be attached

SPARE VALVE S/N 74-1654-17-7 WZU BE RETURNED
TO STORE CAT ID 38791

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]
Owner or Owner's Designee, Title

Date

5/6

, 2002

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 4/24/02 to 5/6/02, 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]
Inspector's Signature

Commissions

121-1254

National Board, State Province, and Endorsements

Date

May 6

, 20

02