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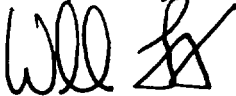
Byron Station, Unit 1
Facility Operating License No. NPF-37
NRC Docket No. STN 50-454

Subject: Byron Station Unit 1 Inservice Inspection Report for Interval 2,
Period 2, Outage 1

The subject report is being submitted in compliance with the requirements of Article IWA-6000, "Records and Reports," of Section XI of the American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, 1989 Edition. The report covers the inservice inspections conducted prior to and during the Unit 1 Fall 2000 refueling outage.

If there are any questions concerning this report, please contact Ms. P. Reister, Regulatory Assurance Manager at (815) 234-5441, extension 2280.

Respectfully,



William Levis
Site Vice President
Byron Station

WL/RM/GS/dpk

Attachment: Inservice Inspection Summary Report – Byron Station Unit 1 Refueling
Outage 10

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

A047



BYRON
UNIT 1

B1R10

INSERVICE INSPECTION SUMMARY REPORT

*FALL
2000
Outage*

**April 26, 1999
to
October 10, 2000**

Commerical Service Date
September 16, 1985

Document Completion Date
December 21, 2000

Commonwealth Edison Company
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BYRON UNIT 1

B1R10

INSERVICE INSPECTION SUMMARY REPORT

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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 April 26, 1999, through October 10, 2000. The majority of these inspections were performed during the Byron Station Unit 1 tenth refueling outage (B1R10). 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," Section 6.6, "Inservice Inspection of Class 2 and 3 Components."
- b) Class 1 pressure boundary for leakage at nominal operating pressure, in accordance with NRC Generic Letter 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants."
- c) Class 2 and 3 pressure boundary for leakage at nominal operating pressure, in accordance with NUREG 0737, "Clarification of TMI Action Plan Requirements."

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. 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

Commonwealth Edison (ComEd) Company, 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 Hartford 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 COMPONENTS							BOLTING AND STUDS			INTERIOR SURFACES
	PRESSURE RETAINING WELDS			ATTACHMENTS	AUGMENTED HELB** ECCS** FLYWHEELS			GIRTH AND LONGITUDINAL	NOZZLES AND SAFE-ENDS			NOZZLE INNER RADIUS	INDICATION RESIZE					
	SUR	VOL	VT		SUR	SUR	VOL		VT	VOL	SUR			VOL	VT	VOL	SUR	
EXAMINATION METHOD SURFACE, VOLUMETRIC, VISUAL																		
Containment Spray		2																
Chemical & Volume Control		2	14	1													2	
Feed Water		4				13												
Main Steam				1	5	16												
Pressurizer Piping			4															
Pressurizer Vessel											2							
Reactor Coolant		9	33														1	
Reactor Pressure Vessel									3									
Residual Heat Removal		9							4									
Steam Generators																2	4	
Safety Injection System		12	6	1													4	1
COMPONENT/EXAM TOTAL	0	38	57	3	5	29	0	0	7	0	2	0	0	0	0	2	11	1
OUTAGE EXAM TOTAL	132							9							13			
155																		

*HELB: High Energy Line Break

**ECCS: Emergency Core Cooling System

BYRON STATION UNIT 1 REFUELING OUTAGE 10
INSERVICE INSPECTION REPORT

2.2 Component Support Summary_____

SYSTEM EXAMINED	CLASS	VT-1	VT-3	COMMENTS
Chemical Volume Control	1		9	
	2		1	
Main Steam	2		1	
Pressurizer Surge & Vessel	1		2	
Reactor Coolant	1		9	
Residual Heat Removal	1		2	
Safety Injection	1		15	
	2		1	
Essential Service Water	2		3	

2.3 Component Snubber Summary_____

SYSTEM EXAMINED	VT-3 EXAMINED	FUNCTIONAL TEST
Boric Acid Additive	2	1
Component Cooling	41	15
Chemical Volume Control	47	14
Diesel Oil	8	0
Main Steam	20	3
Reactor Coolant	29	5
Residual Heat Removal	5	1
Pressurizer Surge	52	10
Steam Blowdown	7	2
Safety Injection	17	1
TOTALS	228	52

2.4 System Pressure Test Summary

EXAMINATION ITEM / 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		2	4	
Class 2 Piping, Pressure Retaining Boundary		31	20	13
Class 2 Pumps, Pressure Retaining Boundary		6	3	
Class 2 Valves, Pressure Retaining Boundary		31	20	13
TOTALS	12	70	47	26

2.5 Containment Examination Summary

EXAMINATION ITEM* / AREA	COMMENTS
E1.11 Containment Liner	100% of Accessible Surfaces Examined
E1.30 Moisture Barrier	100% Examined

*Examination item number from Table IWE 2500-1

2.6 Repair/Replacement Summary_____

A total of 83 ASME Form NIS-2, "Owners Report for Repairs or Replacements" were filed during Byron Station Unit 1 Cycle 10. The following is a system summary of NIS-2's generated:

SYSTEM	NUMBER OF NIS-2 FORMS
Boric Acid	1
Auxiliary Feedwater	3
Component Cooling	8
Containment Spray	2
Chemical Volume Control	8
Diesel Generator	5
Diesel Oil	3
Fire Protection	7
Feedwater	6
Main Steam	7
Primary Containment	1
Reactor Coolant	7
Residual Heat Removal	1
Pressurizer	2
Steam Blowdown	2
Safety Injection	3
Essential Service Water	14
Chilled Water	2
Spare Valves	1

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,

Divison1 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"

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"

OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

SYSTEM: Reactor Coolant (RC)					INTERVAL: Second		PERIOD: Second	
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			NOTES
					SURFACE	VOLUME	VISUAL	
10-070	B9.11	1RC-01	1RC02AA-31"	J02		X		Category 4, R1.20
10-071	B9.11	1RC-01	1RC02AA-31"	J03		X		Category 4, R1.20
10-197	B9.11	1RC-01	1RC02AA-31"	J07		X		Category 4, R1.20
10-204	B9.40	1RC-30	1RC13AA-2"	W-01			X	Category 4, R1.20
10-205	B9.40	1RC-30	1RC13AA-2"	W-05			X	Category 4, R1.20
10-206	B9.40	1RC-30	1RC13AB-2"	W-01			X	Category 4, R1.20
10-208	B9.40	1RC-30	1RC13AB-2"	W-09			X	Category 4, R1.20
10-209	B9.40	1RC-30	1RC13AC-2"	W-01			X	Category 4, R1.20
10-212	B9.40	1RC-30	1RC13AD-2"	W-01			X	Category 4, R1.20
10-220	B9.40	1RC-36	1RC14AA-2"	W-07			X	Category 2, R1.11
10-221	B9.40	1RC-36	1RC14AA-2"	W-08			X	Category 2, R1.11
10-223	B9.40	1RC-36	1RC14AA-2"	W-09			X	Category 2, R1.11
10-224	B9.40	1RC-36	1RC14AA-2"	W-11			X	Category 2, R1.11
10-216	B9.40	1RC-31	1RC14AB-2"	W-07			X	Category 2, R1.11
10-217	B9.40	1RC-31	1RC14AB-2"	W-08			X	Category 2, R1.11
10-105	B9.40	1RC-31	1RC14AB-2"	W-09			X	Category 2, R1.11
10-106	B9.40	1RC-31	1RC14AB-2"	W-10			X	Category 2, R1.11
10-107	B9.40	1RC-31	1RC14AB-2"	W-11			X	Category 2, R1.11
10-237	B9.40	1RC-42	1RC14AC-2"	W-08			X	Category 2, R1.11
10-227	B9.40	1RC-37	1RC14AD-2"	W-08			X	Category 2, R1.11
10-228	B9.40	1RC-37	1RC14AD-2"	W-09			X	Category 2, R1.11
10-229	B9.40	1RC-37	1RC14AD-2"	W-10			X	Category 2, R1.11
10-230	B9.40	1RC-37	1RC14AD-2"	W-11			X	Category 2, R1.11
10-231	B9.40	1RC-37	1RC14AD-2"	W-12			X	Category 2, R1.11
10-232	B9.40	1RC-37	1RC14AD-2"	W-13			X	Category 2, R1.11
10-233	B9.40	1RC-41	1RC16AA-2"	W-03			X	Category 2, R1.11
10-234	B9.40	1RC-41	1RC16AA-2"	W-04			X	Category 2, R1.11
10-235	B9.40	1RC-41	1RC16AA-2"	W-05			X	Category 2, R1.11
10-127	B9.40	1RC-41	1RC16AA-2"	W-06			X	Category 2, R1.11
10-236	B9.40	1RC-41	1RC16AB-2"	W-02			X	Category 2, R1.11
10-082	B9.11	1RC-06	1RC21AA-8"	J02		X		Category 4, R1.20
10-083	B9.11	1RC-06	1RC21AA-8"	J03		X		Category 4, R1.20
10-085	B9.11	1RC-06	1RC21AA-8"	J05		X		Category 2, R1.11
10-086	B9.11	1RC-06	1RC21AA-8"	J06		X		Category 2, R1.11
10-097	B9.40	1RC-23	1RC22AA-1½"	W-01			X	Category 4, R1.20
10-104	B9.40	1RC-23	1RC22AA-1½"	W-08			X	Category 4, R1.20
10-199	B9.40	1RC-23	1RC22AA-1½"	W-19			X	Category 4, R1.20
10-200	B9.40	1RC-23	1RC22AA-1½"	W-20			X	Category 4, R1.20
10-202	B9.40	1RC-23	1RC22AA-1½"	W-32			X	Category 4, R1.20
10-203	B9.40	1RC-27	1RC22AA-1½"	W-33			X	Category 4, R1.20
10-198	B7.50	1RC-19	1RC22AB-1½"	FLG 1-4			X	
10-087	B9.11	1RC-17	1RC24AA-4"	J09		X		Category 4, R1.20
10-088	B9.11	1RC-17	1RC24AA-4"	J10		X		Category 4, R1.20

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OUTAGE INSPECTION SUMMARY

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Byron Unit 1

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

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OUTAGE INSPECTION SUMMARY

SYSTEM: Snubbers, All Systems				INTERVAL: Second	PERIOD: Second
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS	
		VT-3	FUNCTIONAL		
001	1AB18011S	X			
002	1AB18040S	X	X		
003	1CC24013S	X			
004	1CC27002S	X			
005	1CC27006S	X	X	3rd Expansion Sample due to failure of 1CC35022S	
006	1CC27009S	X	X	2nd Expansion Sample due to failure of 1CC30010S	
007	1CC28019S	X			
008	1CC29004S	X			
009	1CC29013S	X	X	3rd Expansion Sample due to failure of 1CC35022S	
010	1CC30005S	X			
011	1CC30010S	X	X	1st Expansion Sample due to failure of 1RY06097S. Failed	
012	1CC31015S	X	X		
013	1CC31016S	X	X		
014	1CC31019S	X			
015	1CC31021S	X			
016	1CC32001S	X			
017	1CC32002S	X			
018	1CC32025S	X			
019	1CC33006S	X			
020	1CC33009S	X			
021	1CC34020S	X			
022	1CC34026S	X			
023	1CC35009S	X			
024	1CC35014S	X			
025	1CC35018S-1	X	X	3rd Expansion Sample due to failure of 1CC35022S	
026	1CC35018S-2	X	X	3rd Expansion Sample due to failure of 1CC35022S	
027	1CC35022S	X	X	2nd Expansion Sample due to failure of 1CC30010S, Failed	
028	1CC36005S	X	X	2nd Expansion Sample due to failure of 1CC30010S	
029	1CC36011S	X	X	1st Expansion Sample due to failure of 1RY06097S.	
030	1CC36028S	X	X	Previous outage failure	
031	1CC36030S	X	X	Previous outage failure	
032	1CC37003S	X	X		
033	1CC37004S	X	X		
034	1CC37014S	X			
035	1CC38001S	X			
036	1CC38002S	X			
037	1CC38005S	X			
038	1CC38006S	X			
039	1CC38008S	X			
040	1CC38009S	X			
041	1CC38011S	X			
042	1CC38012S	X			
043	1CC38019S	X			

OUTAGE INSPECTION SUMMARY

SYSTEM: Snubbers, All Systems			INTERVAL: Second	PERIOD: Second
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3	FUNCTIONAL	
044	1CV02003S	X	X	
045	1CV08006S	X		
046	1CV08010S	X		
047	1CV08011S	X		
048	1CV08013S	X		
049	1CV08021S	X		
050	1CV08027S	X		
051	1CV09005S	X		
052	1CV09030S	X		
053	1CV09038S	X		
054	1CV09050S	X	X	3rd Expansion Sample due to failure of 1CC35022S
055	1CV09061S-1	X	X	2nd Expansion Sample due to failure of 1CC30010S
056	1CV09061S-2	X	X	2nd Expansion Sample due to failure of 1CC30010S
057	1CV09063S	X	X	2nd Expansion Sample due to failure of 1CC30010S
058	1CV09066S	X	X	Previous outage failure
059	1CV09067S	X		
060	1CV09068S	X	X	1st Expansion Sample due to failure of 1RY06097S.
061	1CV09069S	X		
062	1CV11019S	X		
063	1CV11023S	X		
064	1CV12006S	X		
065	1CV15014S	X		
066	1CV15039S-1	X	X	
067	1CV15039S-2	X	X	
068	1CV15040S	X		
069	1CV15041S-1	X		
070	1CV15041S-2	X		
071	1CV15053S	X		
072	1CV15054S	X		
073	1CV24026S	X		
074	1CV25001S	X		
075	1CV25002S	X		
076	1CV25004S	X		
077	1CV25007S	X		
078	1CV25009S	X		
079	1CV25011S	X		
080	1CV25014S	X		
081	1CV25016S	X	X	
082	1CV25024S	X		
083	1CV25034S	X		
084	1CV27001S	X		
085	1CV28002S	X	X	3rd Expansion Sample due to failure of 1CC35022S
086	1CV28003S	X		

OUTAGE INSPECTION SUMMARY

SYSTEM: Snubbers, All Systems			INTERVAL: Second	PERIOD: Second
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3	FUNCTIONAL	
087	1CV29003S	X	X	3rd Expansion Sample due to failure of 1CC35022S
088	1CV30002S	X	X	2nd Expansion Sample due to failure of 1CC30010S
089	1CV52022S	X	X	2nd Expansion Sample due to failure of 1CC30010S
090	1CV65011S	X		
091	1DO10002S	X		
092	1DO10003S	X		
093	1DO10006S-1	X		
094	1DO10006S-2	X		
095	1DO13002S	X		
096	1DO13003S	X		
097	1DO13006S-1	X		
098	1DO13006S-2	X		
099	1MS01074S-1	X		
100	1MS01074S-2	X		
101	1MS01092S-1	X		
102	1MS01092S-2	X		
103	1MS01207S	X	X	
104	1MS01208S	X		
105	1MS01212S	X		
106	1MS01213S	X		
107	1MS01217S	X		
108	1MS01218S	X		
109	1MS01222S	X		
110	1MS01223S	X		
111	1MS05007S-1	X		
112	1MS05007S-2	X		
113	1MS06007S-1	X		
114	1MS06007S-2	X		
115	1MS07006S-1	X	X	
116	1MS07006S-2	X	X	
117	1MS08007S-1	X		
118	1MS08007S-2	X		
119	1RC03006S	X		
120	1RC03008S	X		
121	1RC06S	X		
122	1RC07S	X		
123	1RC08S	X		
124	1RC09S	X		
125	1RC10S	X		
126	1RC11S	X		
127	1RC12S	X		
128	1RC13S	X	X	
129	1RC16010S	X		

OUTAGE INSPECTION SUMMARY

SYSTEM: Snubbers, All Systems			INTERVAL: Second	PERIOD: Second
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3	FUNCTIONAL	
130	1RC16011S	X		
131	1RC16016S	X		
132	1RC16024S	X		
133	1RC17003S	X		
134	1RC17012S	X		
135	1RC17015S	X		
136	1RC17025S	X		
137	1RC17028S	X		
138	1RC18006S	X	X	1st Expansion Sample due to failure of 1RY06097S.
139	1RC18010S	X		
140	1RC18015S	X	X	1st Expansion Sample due to failure of 1RY06097S.
141	1RC18020S	X		
142	1RC19004S	X		
143	1RC19007S	X		
144	1RC19021S	X	X	
145	1RC19023S	X	X	1st Expansion Sample due to failure of 1RY06097S.
146	1RC19024S	X		
147	1RC19027S	X		
148	1RH02054S	X		
149	1RH02102S	X		
150	1RH02107S	X	X	
151	1RH02112S	X		
152	1RH08015S	X		
153	1RY06008S	X		
154	1RY06012S	X		
155	1RY06015S	X		
156	1RY06022S	X		
157	1RY06025S	X		
158	1RY06026S	X	X	
159	1RY06027S	X		
160	1RY06030S	X		
161	1RY06031S	X		
162	1RY06032S	X		
163	1RY06055S	X		
164	1RY06056S	X	X	
165	1RY06059S	X		
166	1RY06066S	X		
167	1RY06076S	X		
168	1RY06097S	X	X	Original Sample Failure
169	1RY06118S-1	X		
170	1RY06118S-2	X		
171	1RY06121S	X		
172	1RY06124S	X		

OUTAGE INSPECTION SUMMARY

SYSTEM: Snubbers, All Systems			INTERVAL: Second	PERIOD: Second
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3	FUNCTIONAL	
173	1RY06144S	X		
174	1RY09005S	X	X	
175	1RY09012S	X		
176	1RY09013S	X		
177	1RY09015S	X		
178	1RY09022S	X		
179	1RY09032S	X		
180	1RY09035S	X		
181	1RY09056S	X		
182	1RY09062S	X		
183	1RY09068S	X		
184	1RY09069S	X		
185	1RY09072S-1	X	X	
186	1RY09072S-2	X	X	
187	1RY09073S-1	X		
188	1RY09073S-2	X		
189	1RY09077S	X		
190	1RY09078S-1	X		
191	1RY09078S-2	X		
192	1RY09079S-1	X		
193	1RY09079S-2	X		
194	1RY09080S	X		
195	1RY09081S	X	X	
196	1RY09089S	X		
197	1RY09090S-1	X	X	
198	1RY09090S-2	X	X	
199	1RY09092S-1	X		
200	1RY09092S-2	X		
201	1RY09096S	X	X	
202	1RY09100S-1	X		
203	1RY09100S-2	X		
204	1RY09101S	X		
205	1SD21027S	X	X	1st Expansion Sample due to failure of 1RY06097S.
206	1SD21033S	X		
207	1SD22004S	X		
208	1SD22008S	X		
209	1SD22015S	X	X	3rd Expansion Sample due to failure of 1CC35022S
210	1SD23057S	X		
211	1SD24003S	X		
212	1SI01002S	X		
213	1SI01003S	X		
214	1SI01004S	X		
215	1SI01025S	X		

OUTAGE INSPECTION SUMMARY

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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		
	1CV03AA CV-2-5			X		
	1CV03AB CV-2-5			X		
	1CV04AA CV-2-6			X		
	1CV04AB CV-2-6			X		

OUTAGE INSPECTION SUMMARY

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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
C7.30	Nitrogen:					
(cont'd)	NT-2-1				X	4
	NT-2-2				X	4
	NT-2-3				X	4
	NT-2-4				X	4
	Off Gas:					
	OG-2-1				X	4
	Process Sampling:					
	PS-2-3		X			
	PS-2-4		X			
	PS-2-5		X			
	PS-2-6		X			
	Reactor System:					
	RC-2-1			X		
	Residual Heat Removal:					
	RH-2-1		X			
	RH-2-2			X		
	RH-2-3		X			
	RH-2-4			X		
	RH-2-5			X		
	RH-2-6		X			
	Service Air:					
	SA-2-1				X	4
	Steam Generator Blowdown:					
	SD-2-1			X		
	Safety Injection:					
	SI-2-1		X			
	SI-2-2		X			
	SI-2-3		X			
	SI-2-4		X			
	SI-2-5		X			
	SI-2-6		X			
	SI-2-7		X			
	SI-2-8		X			
	SI-2-9				X	4

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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
C7.70	Valves, Pressure Retaining Boundary					
	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-2-6			X		
	CV-2-7		X			
	CV-2-8			X		
	CV-2-9		X			
	CV-2-10			X		
	Fuel Pool Cooling:					
	FC-2-1		X			
	Fire Protection:					
	FP-2-1			X		
	Feedwater:					
	FW-2-2			X		
	Instrument Air:					
	IA-2-1				X	4
	Main Steam:					
	MS-2-2			X		
	Nitrogen:					
	NT-2-1				X	4
	NT-2-2				X	4
	NT-2-3				X	4
	NT-2-4				X	4

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
C7.70	Off Gas:					
(cont'd)	OG-2-1				X	4
	Process Sampling:					
	PS-2-3		X			
	PS-2-4		X			
	PS-2-5		X			
	PS-2-6		X			
	Reactor System:					
	RC-2-1			X		
	Residual Heat Removal:					
	RH-2-1		X			
	RH-2-2		X			
	RH-2-3		X			
	RH-2-4			X		
	RH-2-5			X		
	RH-2-6		X			
	Service Air:					
	SA-2-1				X	4
	Safety Injection:					
	SI-2-1		X			
	SI-2-2		X			
	SI-2-3		X			
	SI-2-4		X			
	SI-2-5		X			
	SI-2-6		X			
	SI-2-7		X			
	SI-2-8		X			
	SI-2-9				X	4
	Service Water:					
	SX-2-1			X		
	SX-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
C7.70	Primary Containment Purge					
(cont'd)	VQ-2-1				X	4
	VQ-2-3				X	4
	VQ-2-5				X	4
	VQ-2-6				X	4
	MakeUp Demin:					
	WM-2-1			X		
	Chilled Water:					
	WO-2-1			X		
	WO-2-2			X		
NOTE 1	The ASME Class 1 Pressure Boundary Leakage Test (VT-2) was performed on 9/23/00 and 10/10/00 to correspond to the pre- and post- refueling outage inspections.					
NOTE 2	Refer to the System Pressure Test Summary for Subsystem Descriptions.					
NOTE 3	The Inservice Inspection (VT-2) of CV-2-3 was performed with the exception of the Chemical Volume Control Positive Displacement Pump (1CV02P) and its associated piping and valves between the suction and discharge manual isolation valves. This Class 2 pump has been indefinitely taken out of service per Byron On-Site reviews 92-088 and 93-006.					
NOTE 4	Pneumatic test is conducted normal operating pressure, and is not a hydro test.					

OUTAGE INSPECTION SUMMARY

[illegible]

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379
(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: Containment Spray System Piping Welds & Components (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C5.11/R1.20 1CS23AA-14"	Hunter Corporation	1-CS-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1CS23AB-14"	Hunter Corporation	1-CS-2-N5	Not Applicable	Not Applicable

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

(Name and Address of Owner)

(Name and Address of Plant)

N/A

N-198

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(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 Coolant System Piping Welds & Components (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B7.50 1RC22AB-1½"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.11/R1.20 1RC02AA-31"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.11/R1.20 1RC21AA-8"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.11/R1.20 1RC24AA-4"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.20 1RC13AA-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.20 1RC13AB-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.20 1RC13AC-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.20 1RC13AD-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC14AA-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC14AB-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC14AC-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC14AD-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC16AA-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1RC16AB-2"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable
B9.40/R1.20 1RC22AA-1½"	Hunter Corporation	1-RC-1-N5	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

3. Plant Unit: 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)

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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: Safety Injection System Piping Welds & Components (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B7.50 1SI08HC-2"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B7.50 1SI08JA-1½"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B7.50 1SI08JC-1½"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B7.70 1SI05DD-6"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1SI08HA-2"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B9.40/R1.11 1SI08JA-1½"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
B12.50 1SI05DD-6"	Hunter Corporation	1-SI-1-N5	Not Applicable	Not Applicable
C3.20 1SI06BA-24"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI05AB-8"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI34A-8"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI53AA-14"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI53AB-14"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI82AA-12"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
C5.11/R1.20 1SI82AB-12"	Hunter Corporation	1-SI-2-N5	Not Applicable	Not Applicable
ECCS AUG. 1SI09BA-10"	Hunter Corporation	1-SI-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

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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. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

7. Components Inspected: Component Supports for the Main Steam (MS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Component Support	Hunter Corporation	1MS05002C	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: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379 | | |
| (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: Component Supports for the Reactor Coolant System (RC) | | |

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

3. Plant Unit: 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: Component Supports for the Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Component Support	Hunter Corporation	1RY06118S	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1RY06121S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

3. Plant Unit: 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: Component Supports for the Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Component Support	Hunter Corporation	1RH02021X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI01020X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI18027X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI23021A	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24002X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24006X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24007X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24009X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24011X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI24015X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25004X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25009X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25025X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25026X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25027X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SI25028X	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

3. Plant Unit: 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: Component Supports for the Essiantial Service Water System (SX)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Component Support	Hunter Corporation	1SX06005X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SX06006X	Not Applicable	Not Applicable
Component Support	Hunter Corporation	1SX06015X	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Boric Acid Additive System (AB)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1AB18011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1AB18040S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Component Cooling System (CC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CC24013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC27002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC27006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC27009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC28019S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC29004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC29013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC30005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC30010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC31015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC31016S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC31019S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC31021S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC32001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC32002S	Not Applicable	Not Applicable

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Component Cooling System (CC) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CC32025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC33006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC33009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC34020S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC34026S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC35009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC35014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC35018S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC35018S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC35022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC36005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC36011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC36028S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC36030S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC37003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC37004S	Not Applicable	Not Applicable

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Component Cooling System (CC) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CC37014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CC38019S	Not Applicable	Not Applicable

B1R10

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. Commercial Service Date: 09/16/85

6. National Board Number of Unit: N-198

7. Components Inspected: Snubbers for the Chemical Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CV02003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08021S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV08027S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09030S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09038S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09050S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09061S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09061S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09063S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09066S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09067S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Chemical Volume Control System (CV) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CV09068S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV09069S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV11019S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV11023S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV12006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15039S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15039S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15040S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15041S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15041S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15053S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV15054S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV24026S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25002S	Not Applicable	Not Applicable

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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: Snubbers for the Chemical Volume Control System (CV) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1CV25004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25016S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV25034S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV27001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV28002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV28003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV29003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV30002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV52022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1CV65011S	Not Applicable	Not Applicable

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As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Diesel Oil System (DO)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1DO10002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO10003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO10006S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO10006S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO13002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO13003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO13006S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1DO13006S-2	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubber for the Main Steam System (MS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1MS01074S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01074S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01092S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01092S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01207S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01208S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01212S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01213S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01217S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01218S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01222S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS01223S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS05007S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS05007S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS06007S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS06007S-2	Not Applicable	Not Applicable

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubber for the Main Steam System (MS) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1MS07006S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS07006S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS08007S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1MS08007S-2	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RC03006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC03008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC06S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC07S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC08S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC09S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC10S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC11S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC12S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC13S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC16010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC16011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC16016S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC16024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC17003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC17012S	Not Applicable	Not Applicable

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Reactor Coolant System (RC) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RC17015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC17025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC17028S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC18006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC18010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC18015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC18020S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19021S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19023S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RC19027S	Not Applicable	Not Applicable

B1R10

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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: Snubbers for the Residual Heat Removal System (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RH02054S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RH02102S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RH02107S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RH02112S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RH08015S	Not Applicable	Not Applicable

B1R10

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Pressurizer Spray System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RY06008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06026S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06027S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06030S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06031S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06032S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06055S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06056S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06059S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06066S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06076S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06097S	Not Applicable	Not Applicable

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Pressurizer Spray System (RY) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RY06118S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06118S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06121S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06124S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY06144S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09032S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09035S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09056S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09062S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09068S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09069S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Pressurizer Spray System (RY) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RY09072S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09072S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09073S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09073S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09077S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09078S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09078S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09079S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09079S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09080S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09081S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09089S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09090S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09090S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09092S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09092S-2	Not Applicable	Not Applicable

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Pressurizer Spray System (RY) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1RY09096S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09100S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09100S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1RY09101S	Not Applicable	Not Applicable

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: 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: Snubbers for the Steam Blowdown System (SD)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1SD21027S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD21033S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD22004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD22008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD22015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD23057S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SD24003S	Not Applicable	Not Applicable

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, IL 60680-5379

(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: Snubbers for the Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	1SI01002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI01003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI01004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI01025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI01029S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI02003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI03003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI03046S-1	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI03046S-2	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI04003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI04017S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI04024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI09006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI09021S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI09024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI09043S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	1SI16037S	Not Applicable	Not Applicable

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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	N/A	N/A	N/A
B15.60 1RC-01-PA	Westinghouse Corporation	1-115E121-G01	N/A	W25819
B15.60 1RC-01-PB	Westinghouse Corporation	2-115E121-G01	N/A	W25820
B15.60 1RC-01-PC	Westinghouse Corporation	3-115E121-G01	N/A	W25821
B15.60 1RC-01-PD	Westinghouse Corporation	4-115E121-G01	N/A	W25822
B15.70 Class 1 Valves	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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 1CV01AA	Atlas	3197	U187655	2575
C7.10 1CV01AB	Atlas	3198	U187654	2576
C7.10 1CV01FA	Pall Trinty Micro	38305	N/A	21087
C7.10 1CV01FB	Pall Trinty Micro	38307	N/A	20189
C7.10 1CV02A	Atlas	3454	U-187662	2877
C7.10 1CV02F	Pall Trinty Micro	38327	N/A	21109
C7.10 1CV03AA	Atlas	3390	U187652	2769
C7.10 1CV03AB	Atlas	3382	U187653	2761
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 CS-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 CS-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 CS-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 CS-2-4	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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 CS-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-6	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-7	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-8	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-9	Hunter Corporation	N/A	N/A	N/A
C7.30 CV-2-10	Hunter Corporation	N/A	N/A	N/A
C7.30 FC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 FP-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 FW-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 IA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 MS-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 NT-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 NT-2-2	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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 NT-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 NT-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 OG-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 PS-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 PS-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 PS-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 PS-2-6	Hunter Corporation	N/A	N/A	N/A
C7.30 RC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 RH-2-6	Hunter Corporation	N/A	N/A	N/A
C7.30 SA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 SD-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-2	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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 SI-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-6	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-7	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-8	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-9	Hunter Corporation	N/A	N/A	N/A
C7.30 SX-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 SX-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-5	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-6	Hunter Corporation	N/A	N/A	N/A
C7.30 WM-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 WO-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 WO-2-2	Hunter Corporation	N/A	N/A	N/A
C7.50 1CS-01-PA CS-2-1	Ingersoll Rand Corporation	1076122	N/A	220
C7.50 1CS-01-PB CS-2-2	Ingersoll Rand Corporation	1076123	N/A	221

B1R10

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
C7.50 1CV-01-PA CV-2-1	Pacific Pump	149770	N/A	198
C7.50 1CV-01-PB CV-2-2	Pacific Pump	49771	N/A	201
C7.50 1CV-02-P CV-2-3	Gaulin Corporation	641344-1	N/A	353
C7.50 1RH-01-PA RH-2-1	Ingersoll Rand Corporation	127428	N/A	167
C7.50 1RH-01-PB RH-2-2	Ingersoll Rand Corporation	127429	N/A	159
C7.50 1SI-01-PA SI-2-1	Pacific Pump	49758	N/A	230
C7.50 1SI-01-PB SI-2-2	Pacific Pump	49759	N/A	231
C7.70 CS-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 CS-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 CS-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 CS-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 CS-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-6	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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
C7.70 CV-2-7	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-8	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-9	Hunter Corporation	N/A	N/A	N/A
C7.70 CV-2-10	Hunter Corporation	N/A	N/A	N/A
C7.70 FC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 FP-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 FW-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 IA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 MS-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 NT-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 NT-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 NT-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 NT-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 OG-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 PS-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 PS-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 PS-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 PS-2-6	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: Commonwealth Edison, P.O. Box 805379, Chicago, Illinois 60680-5379
(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
C7.70 RC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 RH-2-6	Hunter Corporation	N/A	N/A	N/A
C7.70 SA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 SD-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-6	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-7	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-8	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-9	Hunter Corporation	N/A	N/A	N/A

B1R10

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

8. Examination Dates: April 26, 1999 to October 10, 2000

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.

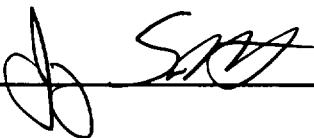
Certificate of Authorization No. (if applicable): N/A

Expiration Date: N/A

Date: 12/21/00

Signed For: Commonwealth Edison

By:

 J.S.I. Engr.

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 I & I Co. of Hartford, Conn. have inspected the components described this Owner's Report during the period 04/26/99 to 10/10/00, 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-1254 Date: December 21, 20 00

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 Commonwealth Edison Company Date 10/08/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990007656-01
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 (AB) Boric Acid
5. (a) Applicable Construction Code Section III 19 71 Edition, W72 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
PP/Motor Assy Less Casing	Crane Chem Pump Division	S/N 24317-10	N/a	0AB01PB	1979	Replaced	Yes
Pp/Motor Assy Less Casing	Crane Chem Pump Division	S/N 21927-9b	N/a	0AB01PB	1977	Replacement	Yes
Pp/Motor Assy Less Casing	Crane Chem Pump Division	S/N 21927-9b	N/a	0AB01PB	1977	Replaced	Yes
Pp/Motor Assy Less Casing	Crane Chem Pump Division	S/N 21927-10a	N/a	0AB01PB CAT # D:000025768	1977	Replacement	Yes
<u>(ORIGINAL) PP CASING</u>	<u>CRANE Chem PP. DIVISION</u>	<u>S/N: 19853-91</u>	<u>N/A</u>	<u>0AB01PB: ORIGINAL CASING</u>	<u>1975</u>	<u>REPAIR</u>	<u>YES</u>

7. Description of Work Replace Pump and Motor Assembly less Pump Casing. 0AB01PB/perform Well Repair of Pump Casing
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Pump Casing
 Other ☐ Pressure 122 psi Test Temp. Ambient °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 Replacement Pump S/N 21927-9 failed during temporary return to service and is replaced with S/N 21927-10 ²¹⁹²⁷⁻¹⁰
Applicable Manufacturer's Data Reports to be attached ⁹⁻¹⁸⁻⁰⁰

WR 990007656-01

CERTIFICATE OF COMPLIANCE ^{Repair &}

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] SAS ISI-Eng
Owner or Owner's Designee, Title

Date 11/18, 2000

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 9/2/00 to 12/11/00, 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 122-1254

National Board, State Province, and Endorsements

Date December 11, 2000

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 10/03/00 ^{DRS 10/01/00} 10/01/00
Name
One First National Plaza, Chicago, IL
Address
 Sheet 1 of 21 ^{DRS} 10/01/00
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 980005317-01
Address
3. Work Performed by N P S&W VENTURE Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
555 S. Joliet Road, Bolingbrook, IL 60440 Expiration Date Not Applicable
Address
4. Identification of System (AF) AUXILARY FEEDWATER (1-AF-2-N5)
5. (a) Applicable Construction Code Section III 19 74 Edition, W/75 Addenda, 416-1 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	ANCHOR DARTING	E-6220-3-2	N/A	EPN: 1AF006B	1977	REPLACED	YES
TE VALVE	ANCHOR DARTING	E-596A-1-5	N/A	CAT ID: 0000011289	1999	REPLACEMENT	YES
6" FLANGE	HUNTER	HT CODE: UY2Y	N/A	EPN: 1AF03AB-6"	1980	REPLACED	NO
6" FLANGE	IDEAL FORGING	HT CODE: S1241	N/A	CAT ID: HTF 0000024709 8990691	2000	REPLACEMENT	NO

7. Description of Work REPLACE AND WELD IN NEW COMPLETE GATE VALVE WITH WELD NECK FLANGE.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 26 psi Test Temp. 79 °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 Invoke Code Case N-416-1 WA 980005317-01
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 Eng Date 10/19, 20 00
Inspector's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/25/00 to 12/20/00, 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] Commissions 12L-1254
Inspector's Signature National Board, State Province, and Endorsements

Date 10/20, 20 03

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

1. Owner Commonwealth Edison Company Date 10/01/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 21
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 980005318-01
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 (AF) AUXILARY FEEDWATER (1-AF-2-N5)
5. (a) Applicable Construction Code Section III 19 74 Edition, W/75 Addenda, 416-1 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	ANCHOR DAARLING	E-6220-3-1	N/A	EPN: 1AF006A	1977	REPLACED	YES
GATE VALVE	ANCHOR DARLING	E-596A-1-6	N/A	CAT ID: 0000011289 1AF006A	1999	REPLACEMENT	YES

7. Description of Work REPLACE AND WELD IN NEW COMPLETE GATE VALVE. 1AF006A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 24 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 Invoked Code Case N-416-1 UR 98000 5318-01
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 10/19, 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. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/22/00 to 10/20/00 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] Commissions ILL-1754
Inspector's Signature National Board, State Province, and Endorsements

Date 10/20, 20 00

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 ^{285 10/4/00} ~~10/08/00~~ 10/6/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 21
Address
2. Plant Byron Nuclear Power Station Unit 01 ²⁸⁵ 10/4/00
Name
4450 N. German Church Road, Byron, IL Work Request No. ~~99023920-01~~ 990213420-01
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 AUXILIARY FEEDWATER
5. (a) Applicable Construction Code Section III 19 74 Edition, S/74 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)
3/4"-10 X 31/2" BOLT	HUNTER	N/A	N/A	1AF06040V	1984	REPLACED	NO
3/4"-10 NUT	HUNTER	N/A	N/A	1AF06040V	1984	REPLACED	NO
3/4"-10 X 31/2" BOLT	NOVA MACHINE PRODUCT CORP	HT # 51407 8082677	^{285 10/4/00} N/A	1AF06040V	1986	REPLACEMENT	NO
3/4"-10 NUT	NOVA MACHINE PRODUCT CORP	HT # CKZ-HI Case HT # 51407	^{285 10/4/00} N/A	1AF06040V	1996	REPLACEMENT	NO

7. Description of Work REPLACE PIPE CLAMP LOWER LOAD BOLT/NUT - 1AF06040V
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT 3/4 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.

Applicable Manufacturer's Data Reports to be attached:

WR 99023920-01
gm 990313920-01
19/1/01

repair or replacement

ISI Eng

connected with this inspection. _____
Inspector's Signature

Commissions 24557A-F DL1903
National Board, State Province, and Endorsements

Date 10-29, 2000

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 6/29/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990186767-01
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 CC
5. (a) Applicable Construction Code Section III 19 71 Edition. W72 Addenda. NONE Code Case 572 ARS 9/5/00
 (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	N57027-00-0014	NA	EPN 1CC9428B	1975	REPLACED	Yes
RELIEF VALVE	CROSBY	N57027-00-0014	NA	CAT ID: 27072	2000	REPLACEMENT	Yes

7. Description of Work REPLACE RELIEF VALVE WITH PRE-TESTED RELIEF VALVE - 1CC9428B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 141 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

Applicable Manufacturer's Data Reports to be attached

WR 990186767-01

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

SCA

Owner or Owner's Designated Title

ISI Eng.

Date

9/12

10 2000

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. H&B have inspected the components described in this Owner's Report during the period 6-27-2000 to 9-18-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions IL/903

National Board, State Province, and Endorsements

Date

9-18

10 2000

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 6-30-00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990186768-01
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 CC
5. (a) Applicable Construction Code Section III 19 71 Edition. W72 Addenda. NONE Code Case 5 254-60
 (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 9m 9.8.01

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	N57027-00-0017	NA	EPN ICC9428A	1975	REPLACED	Yes
RELIEF VALVE	CROSBY	N57027-00-0014	NA	CAT ID= 27072	1975	REPLACEMENT	Yes

7. Description of Work REPLACE RELIEF VALVE WITH PRE-TESTED RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 141 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)

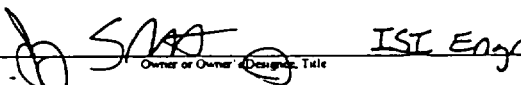
9. Remarks WR # 990186768-01
Applicable Manufacturer's Data Reports to be attached

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

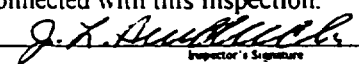
Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed  ISI Eng Date 9/8 TX 2000
Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. I.&I. Co. of Hartford, CN CT. have inspected the components described in this Owner's Report during the period 6/30/00 to 9/8/00, 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.

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

Date Sept. 8 TX 2000

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 10/06/00 10/4/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 2
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990214519-01
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 COMPONENT COOLING
5. (a) Applicable Construction Code Section III 19 74 Edition, 574 Addenda, 1728 Code Case
1729, 1734, N-180, N-108
 (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)
MECHANICAL SNUBBER	ITT GRINNELL	3972 <u>S/N</u> E-DY-370	N/A	ICC37003S	1980	REPLACED	YES
MECHANICAL SNUBBER	ITT GRINNELL	10445 <u>S/N</u> E-DY-398	N/A	CAT ID 30542 ICC37003S	1980	REPLACEMENT	YES

7. Description of Work REPLACE SNUBBER ICC 37003S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4 Other ☒ Pressure _____ psi Test Temp. _____ °F
FUNCTIONAL TEST

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

FORM NIS-2 (Back)

9. Remarks WR 990214519-01

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 10/18, 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. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/1/00 to 10/20/00, 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] Commissions 122-1254

Inspector's Signature

National Board, State Province, and Endorsements

Date 10/20, 20 00

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 10/04/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990214537-01
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 Component Cooling (CC)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/74 Addenda, See Remarks 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)
Mechanical Snubber	ITT Grinnell	8550	n/a	ICC3700-4S	1980	Replaced	Yes
Mechanical Snubber	ITT Grinnell	7715	n/a	ICC3700-4S	1980	Replacement	Yes

7. Description of Work: Replace Mechanical Snubber
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4
Functional 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 Code Cases: 1644 Rev. 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108
Applicable Manufacturer's Data Reports to be attached
WR 990214537-01

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] ISI Engr
Owner or Owner's Designee, Title

Date 11/6, 2000

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 10/4/02 to 11/13/02, 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 11/13, 2000

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 10/3/00
Name
One First National Plaza, Chicago, IL
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 99025433-01
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 Component Cooling (CC)
5. (a) Applicable Construction Code Section III 1974 Edition, S74 Addenda, See Remarks 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)
Mechanical snubber	ITT Grinnell	13226	N/a	1CC30010S	1980	Replaced	Yes
Mechanical Snubber	ITT Grinnell	21585	n/a	1CC30010S	1981	Replacement	Yes

7. Description of Work: Replace Snubber - 1CC30010S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4
Functional 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 WR 990215433-01
Applicable Manufacturer's Data Reports to be attached
Code Cases: 1644 Rev 7, 1682, 1683, 1685, 1686, 1651, 1728,
1729, 1734, N-180, N-108

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] SAA ISI Engr Date 11/17 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. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/00 to 11/7/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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 11/17 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 Commonwealth Edison Company Date 3/10/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 2
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990215434-01
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 COMPONENT COOLING
5. (a) Applicable Construction Code Section III 19 74 Edition, S74 Addenda, 1729 Code Case
16442-7, 1682, 1683, 1685, 1686, 1651, 1728
1734, N-180, N-108
 (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)
MECHANICAL SNUBBER	ITT GRINNELL	12504 <u>SN</u> <u>E-8Y-477</u>	N/A	ICC35022S	1980	REPLACED	YES
MECHANICAL SNUBBER	ITT GRINNELL	14721 <u>SN</u> <u>E-8Y-709</u>	N/A	CAT ID: <u>ICC35022S</u> <u>00000030542</u>	1982	REPLACEMENT	YES
				<u>30456</u> <u>SN</u> <u>10-18-00</u>	<u>1980</u>		

7. Description of Work REPLACE SNUBBER 1CC35022S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3
 Other ☒ Pressure _____ psi Test Temp. _____ °F
FUNCTIONAL TEST

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

FORM NIS-2 (Back)

9. Remarks WR 9902/5434-01
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] ISA Eng Date 11/15, 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. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/00 to 11/24/00 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] Commissions 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date 10/30, 20 00

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 10/3/00
Name
One First National Plaza, Chicago, Il.
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990216036-01
3. Work Performed by NPS & Venture Address Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
555 S. Joliet Rd Name Bolingbrook IL Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. 60440 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System COMPONENT COOLING
5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, See REMARKS Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
MECHANICAL SNUBBER	ITT GRINNELL	14627	N/A	ICC35018S-2	1980	REPLACED	YES
MECHANICAL SNUBBER	ITT GRINNELL	2701	N/A	CAT. ID. 30456 ICC35018S-2	1977	REPLACEMENT	YES

7. Description of Work Replace Mechanical Snubber - ICC 35018S-2
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4
 Functional 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 WR 990216036-01
Applicable Manufacturer's Data Reports to be attached
Code Cases: 1644 Rev 5, 1682 Rev 1, 1683, 1685, 1686, 1690
1651, 1728, 1729, 1734

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 Designer, Title

Date 11/17, 20 00

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 10/3/00 to 11/17/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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

162-1254

National Board, State Province, and Endorsements

Date 11/17, 20 00

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 10/3/00
Name
One First National Plaza, Chicago, Il.
Address
 2. Plant Byron Nuclear Power Station Sheet 1 of 21
Name 23 10/7/00
4450 N. German Church Road, Byron, Il. Unit 01
 Work Request No. 990216040-01
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 COMPONENT COOLING
 5. (a) Applicable Construction Code Section III 1974 Edition, S/74 Addenda, 1644-R7, 1682, 1683, 1685, 1686, 1651, 1728 Code Case
1729, 1734, N-180
N-168
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
MECHANICAL SNUBBER	ITT GRINNELL	2354	N/A	ICC36030S ICC 16-18-00	1981	REPLACED	YES
MECHANICAL SNUBBER	ITT GRINNELL	3813	N/A	CAT. ID. 30436-33695 ICC 36030S	1979	REPLACEMENT	YES

7. Description of Work Replace Snubber - ICC36030S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
YT-3/4 Other ☒ Pressure _____ psi Test Temp. _____ °F
Functional Test

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

FORM NIS-2 (Back)

9. Remarks WR 990216040-01
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 12/18, 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. I.&I. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 10/3/00 to 10/20/00, 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] Commissions 116-1254
Inspector's Signature National Board, State Province, and Endorsements

Date 10/20, 20 00

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 ^{255 10/4/00} ~~10/07/00~~ 10/4/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 2
Name
4450 N. German Church Road, Byron, IL Unit 01
Work Request No. 990039145-02
3. Work Performed by N P S&W VENTURE Repair Organization, P.O. No., Job No., etc.
Name
555 S. Joliet Road, Bolingbrook, IL 60440 Type Code Symbol Stamp Not Applicable
Address
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System Containment Spray
5. (a) Applicable Construction Code Section III 19 74 Edition, s75 Addenda, _____ 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)
1" HEAVY HEX NUT	TAYLOR FORGE	HT #28619	N/A	BOLTING FOR 10" ORIFICE FLANGE	1979	REPLACED	NO
1" HEAVY HEX NUT	A&G ENGINEERING II	HT #6736	N/A	BOLTING FOR 10" ORIFICE FLANGE	1989	REPLACEMENT	NO

7. Description of Work Replace Lost Hex Nut on Pipe Flange - 1CS04MB
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 WR 990039145-02
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 ISI Engr Date 10/9, 2000

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 10-04-2000 to 10-09-2000, 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 DISC
National Board, State Province, and Endorsements
 Date 10-9-, 2000

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 06/24/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990047742-01
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 CS - CONTAINMENT SPRAY
5. (a) Applicable Construction Code Section III 19 74 Edition, 575 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)
FLANGE HEX NUTS	<u>Texas Bolt Co.</u>	<u>HTC Code: 6645</u>	<u>N/A</u>	<u>IC508MA</u>	<u>1931</u>	<u>REPLACED</u>	<u>NO</u>
FLANGE HEX NUTS 4EA.	<u>NOVA CORP.</u>	<u>HT CODE:: EEU</u>	<u>N/A</u>	<u>HEAT NO.: 710725 LOT= 35452065</u>	<u>1997</u>	<u>REPLACEMENT</u>	<u>NO</u>

7. Description of Work REPLACE LOST FLANGE HEX NUTS. - IC508MA
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 WR 990047742
Applicable Manufacturer's Data Reports to be attached
Original nuts supplied by vlv. mfg. The nuts listed on this NIS-2
data report were supplied by Hunter Corp. & joins the flange to the
vlv. original nuts were SA-194 Grade 8m as evidenced by dwg.
Replacement is like for like.

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 Programs
Owner or Owner's Designee, Title

Date 7/31 AS 2020
SES
7/31/20

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 6/23/00 to 9/16/00 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 122-1254
National Board, State Province, and Endorsements

Date 9/16 AS 2000

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 10/02/00
One First National Plaza, Chicago, Il. Sheet 1 of 1
4450 N. German Church Road, Byron, Il.
2. Plant Byron Nuclear Power Station Unit 01
4450 N. German Church Road, Byron, Il. Work Request No. 970123709-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.
4450 N. German Church Road, Byron, Il. Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
4450 N. German Church Road, Byron, Il. Expiration Date Not Applicable
4. Identification of System CV (Chemical Volume & Control)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, N/A 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)
2" SCH.40, S.S., PE	HUNTER CORP.	N/A	N/A	1CV42E-2"	1981	REPLACED	NO
2" 300#, S.S., ORIFICE FLG'S	CONSOLIDATED POWER	HT CODE WFI-1091ANE	N/A	CAT.ID. 1019098 <u>IFE-CV047</u>	2000	REPLACEMENT	NO
5/8" ALL THREAD ROD	NOVA MACHINE PRODUCTS	HT CODE -NZD CAT.ID.25042	N/A	BOLTING FOR 2" ORIFICE FLANGE.	1999	REPLACEMENT	NO
5/8" HEAVY HEX NUTS	NOVA MACHINE PRODUCTS	HT CODE -PLT CAT.ID.37029	N/A	BOLTING FOR 2" ORIFICE FLANGE.	1999	REPLACEMENT	NO

7. Description of Work Install new 2" orifice flanges with 1/2" hand vlv's into pipe line 1CV42E-2". IFE-CV047
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 2600 psi Test Temp. 77 °F

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

FORM NIS-2 (Back)

9. Remarks

WR 970123709-01

Applicable Manufacturer's Data Reports to be attached

Work also performed by: NPS-Venture, 555 Schist Rd,
Bolingbrook, Ill. 60440.

CERTIFICATE OF COMPLIANCE

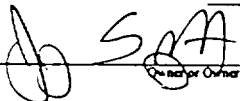
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed



ISI-Eng

Date 12/8, 192000

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 8/3/00 to 12/8/00, 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.

J. L. Smith
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date December 8, 192000

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 2/23/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 2
Name SRJ
4450 N. German Church Road, Byron, IL Unit 01 1/17/90
Address Work Request No. 990034645-01
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 AND CONTROL
5. (a) Applicable Construction Code Section III 19 74 Edition, S75 Addenda, NO Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
CV-5 # 4	HUNTER CORP.	MK# UK	N/A	FLANGE STUDS ICV04AB	1984	REPLACED	NO
CV-5 MJ# 4	HUNTER CORP.	MK# JLB	N/A	FLANGE NUTS ICV04AB	1984	REPLACED	NO
CV-10 MJ# 8	HUNTER CORP.	MK# UK	N/A	FLANGE STUDS ICV04AB	1984	REPLACED	NO
CV-10 MJ# 8	HUNTER CORP.	MK# JLB	N/A	FLANGE NUTS ICV04AB	1984	REPLACED	NO
CV-5 MJ# 4	NOVA MACHINE	LOT# 36494007 HEAT# 97674	N/A	FLANGE STUDS HT UTC# 2047616 GDX	2000	REPLACEMENT	NO
CV-5 MJ# 4	NOVA MACHINE	LOT# 36494006 HEAT# 6057647	N/A	FLANGE NUTS HT UTC# 2048997 GDX	2000	REPLACEMENT	NO
CV-10 MJ# 8	NOVA MACHINE	LOT# 36494007 HEAT# 97674	N/A	FLANGE STUDS HT UTC# 2047616 GDX	2000	REPLACEMENT	NO
CV-10 MJ# 8	NOVA MACHINE	LOT# 36494006 HEAT# 6057647	N/A	FLANGE NUTS HT UTC# 2048997 GDX	2000	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE STUDS AND NUTS - ICV04AB
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 WR 990034645-01
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 11/17 11/2000

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 11/24/99 to 11/21/00, 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 111-1254

National Board, State Province, and Endorsements

Date Nov. 21 11/2000

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 8/12/99
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990071515
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 Chemical and Volume Control (CV)
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 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)
2" Check Valve	Kerotest Mfg.	TB2-11	9977	epn: 1CV8480B	1976	Replacement	Yes

7. Description of Work Seal Weld valve cap to body
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F
Visual exam

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 # 990071515

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]* Date 8-30, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/14/99 to 8/30/99, 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 August 30, 19 99

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 3/23/00 10/2/00
Name
One First National Plaza, Chicago, Il. Address Sheet 1 of 12 1
Name 533-2300
4450 N. German Church Road, Byron, Il. Unit 01 8514/5/00
Name Work Request No. 990131892-01
Address
2. Plant Byron Nuclear Power Station 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
3. Work Performed by Byron Mechanical Maintenance
4. Identification of System CV
5. (a) Applicable Construction Code Section III 19 71 Edition, W/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)
DISC	WESTINGHOUSE	648	N/A	ICV8804A	1977	<u>REPAIRED</u>	NO

7. Description of Work Remove existing disc from valve. drill hole in disc per DCP#9900291 and reinstall disc.
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 WR 990131899-01
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.
report or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed J. Smith ISI ENR Date 11/5 1999
Inspector's Signature, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. I.&I. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 3/24/99 to 11/2/99 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. R. Smith Commissions 11-1754
Inspector's Signature National Board, State Province, and Endorsements

Date Nov 26 1999

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 10/2/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 2
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990191147-01
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 1C RCP 1RC01PC SEAL WTR INJ OMB ISOL CHK VLV
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)
CHECK VALVE	KEROTEST MFG. CORP.	NO1-18	9608	1CV8368C	1976	Replacement REPAIRED	Yes

7. Description of Work Seal Weld Body-Bonnet Joint - 1CV8368C
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2350 psi Test Temp. 108 °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 990191147-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

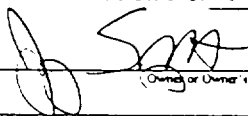
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed



ISI Eng

Date

10/12

10/2000

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 8/14/00 to 10/11/00, 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.


Inspector's Signature

Commissions

12L-1254

National Board, State Province, and Endorsements

Date

10/17

10/2000

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 ^{JS 10/12/00} ~~08/10/00~~ 10/2/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 2
Address
2. Plant Byron Nuclear Power Station Unit 01 ^{JS 10/12/00}
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990191148-01
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 U-1 RC LOOP FILL HDR ISOL CHK VLV
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)
CHECK VALVE	KEROTEST MFG. CORP.	NOI-16	9606	ICV8348	1976	Replacement REPAIRED	YES

7. Description of Work Seal Weld Body-Bonnet joint - ICV8348
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 243 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.

FORM NIS-2 (Back)

9. Remarks WR 990191147-01
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

ISI Engr
Owner or Owner's Designee, Title

Date 10/12 10/2000

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 8/14/00 to 10/12/00, 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.

J. R. McClellan
Inspector's Signature

Commissions 141-1254
National Board, State Province, and Endorsements

Date 10/17 10/2000

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 10/03/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990214535-01
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 Chemical Feed and Volume Control (CV)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/74 Addenda, See Remarks 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)
Mechanical Snubber	ITT Grinnell	19423	n/a	ICV15039S-2	1981	Replaced	Yes
Mechanical Snubber	ITT Grinnell	7345	n/a	ICV15039S-2	1980	Replacement	Yes

7. Description of Work: Replace Mechanical Snubber
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4
 Functional 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 Code Cases: 1644 Rev. 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108
Applicable Manufacturer's Data Reports to be attached WR 990214535-01

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

ISI Engr
Owner or Owner's Designee, Title

Date

11/6, 20 00

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 10/2/00 to 11/13/00, 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.

J. R. Decker
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

Nov. 13, 20 00

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 10/05/00 10/03/00
Name
One First National Plaza, Chicago, IL. Sheet 1 21
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990215435-01
Address
3. Work Performed by N P S&W VENTURE Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
555 S. Joliet Road, Bolingbrook, IL 60440 Expiration Date Not Applicable
Address
4. Identification of System CHEMICAL FEED AND VOLUME CONTROL
5. (a) Applicable Construction Code Section III 19 74 Edition, S/74 Addenda, N/A Code Case * see below
- (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)
MECHANICAL SNUBBER	ITT GRINNELL	15809	N/A	ICV09068S	1982	REPLACED	YES
MECHANICAL SNUBBER	ITT GRINNELL	10170	N/A	CAT. I.D. 27530 ICV09068S	1980	REPLACEMENT	YES

7. Description of Work REPLACE SNUBBER - ICV09068S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
✓ 7-3/4 Other ☐ Pressure _____ psi Test Temp. _____ °F
Functional

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.

* 1644 Rev7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108

FORM NIS-2 (Back)

9. Remarks WR 990215435-01
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] ISZ ENGR Date 11/6 2000
Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/00 to 11/3/00 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] Commissions 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date November 13, 2000

file 3.11.1110

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

1. Owner Commonwealth Edison Company Date 7/22/99 9/16/99
Name One First National Plaza, Chicago, Il. Sheet 1 of 2 1 11/2/99
Address 4450 N. German Church Road, Byron, Il. Unit 01
2. Plant Byron Nuclear Power Station Work Request No. 990071549-01
Name 4450 N. German Church Road, Byron, Il.
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 4450 N. German Church Road, Byron, Il. Expiration Date Not Applicable
4. Identification of System UNIT 1 DIESEL GENERATOR [LUBE OIL WATER COOLER HX]
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, NO Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
STUD 5/8"-10 TPI	COOPER ENERGY SERVIC	N/A;	N/A	IDG01KA-Y/L.O. HX. HX. S/N: 9-20003-02-1	1978	REPLACED	YES No
STUD 5/8"-10 TPI	NOVA MACHINE PRODUCT CORP	HT# 99694	N/A	768G96 HT.CODE # NZD/PBA	1999	REPLACEMENT	YES No
NUT 5/8"-10 TPI	NOVA MACHINE PRODUCT CORP	COOPER ENERGY SERVIC	N/A	IDG01KA-Y/L.O. HX. HX. S/N: 9-20003-02-1	1978	REPLACED	YES No
NUT 5/8"-10 TPI	NOVA MACHINE PRODUCT CORP.	HT# 8077124	N/A	796C99 HT. CODE# DJQ	1997	REPLACEMENT	YES No
STUD 5/8"-10 TPI	COOPER ENERGY SERVIC	N/A	N/A	IDG01KA-Y/L.O. HX. HX. S/N: 9-20003-03-1	1978	REPLACED	YES No
STUD 5/8"-10 TPI	NOVA MACHINE PRODUCT CORP	HT# 99694	N/A	768G96 HT.CODE # NZD/PBA	1999	REPLACEMENT	YES No
NUT 5/8"-10 TPI	COOPER ENERGY SERVIC	N/A	N/A	IDG01KA-Y/L.O. HX. HX. S/N: 9-20003-03-1	1978	REPLACED	YES No
NUT 5/8"-10 TPI	NOVA MACHINE PRODUCT CORP	HT# 8077124	N/A	796C99 HT. CODE# DJQ	1997	REPLACEMENT	YES No

7. Description of Work REPL THREADED STUDS AS REQ'D TO ACHIEVE PROPER THREAD ENGAGEMENT.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks WR 990071549
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] SIAA 151 ENGR
Owner or Owner's Designee, Title

Date Nov 12, 19 99

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors in 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 7/28/99 to 11/15/99, 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 121-1754

National Board, State/Province, and Endorsements

Date November 15, 19 99

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 9/17/99
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990071559
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 Emergency Diesel Generator (Jacket Water Cooler Heat Exchanger)
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 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)
SA-193 Gr B7 Stud (5/8"-10)	Cooper Energy Services	not available	n/a	1DG01KA-X s/n 9-20003-06-1	1978	Replaced	No
SA-194 Gr 2H Nut (5/8"-10)	Cooper Energy Services	not available	n/a	1DG01KA-X s/n 9-20003-06-1	1978	Replaced	No
SA-193 Gr B7 Stud (5/8"-10)	Cooper Energy Services	not available	n/a	1DG01KA-X s/n 9-20003-07-1	1978	Replaced	No
SA-194 Gr 2H Nut (5/8"-10)	Cooper Energy Services	not available	n/a	1DG01KA-X s/n 9-20003-07-1	1978	Replaced	No
SA-193 Gr B7 Stud (5/8"-10)	Nova Machine Products	SI# 768G96 ht code # NZD	n/a	1DG01KA-X s/n 9-20003-06-1	1999	Replacement	No
SA-194 Gr 2H Nut (5/8"-10)	Nova Machine Products	SI# 796C99 ht code # DJQ	n/a	1DG01KA-X s/n 9-20003-06-1	1999	Replacement	No
SA-193 Gr B7 Stud (5/8"-10)	Nova Machine Products	SI# 768G96 ht code # NZD	n/a	1DG01KA-X s/n 9-20003-07-1	1999	Replacement	No
SA-194 Gr 2H Nut (5/8"-10)	Nova Machine Products	SI# 796C99 ht code # DJQ	n/a	1DG01KA-X s/n 9-20003-07-1	1999	Replacement	No

7. Description of Work Replaced studs and nuts to allow installation of bellville washers
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Visual 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 WR # 990071559

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] Date 12/20, 19 99
Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/24/01 to 12/20/01, 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] Commissions 126-1254
Inspector's Signature National Board, State Province, and Endorsements

Date Dec 20, 19 99

File 311.1110

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 ^{ASME 11/12/97} ~~7/31/99~~ 10/2/99
 Name
 One First National Plaza, Chicago, IL. Sheet 1 of 1 ^{ASME 11/12/97}
 Address
2. Plant Byron Nuclear Power Station Unit 01
 Name
 4450 N. German Church Road, Byron, IL. Work Request No. 990071582-01
 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 UNIT 1 DIESEL GENERATOR (JACKET WATER COOLER HX)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, NO Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
STUD 5/8"-10TPI	COOPER ENERGY SERVIC	N/A ^{ASME 11/12/97} <u>N/A</u>	N/A	1DG01KB-X / J.W. HX	<u>1978</u>	REPLACED	YES ^{ASME 11/12/97} <u>NO</u>
STUD 5/8"-10TPI	NOVA MACHINE PRODUCT CORP	<u>HT 99694</u> ^{ASME 11/12/97} Code 1120	N/A	768G96	<u>1999</u>	REPLACEMENT	YES ^{ASME 11/12/97} <u>NO</u>
NUT 5/8"-10TPI	NOVA MACHINE PRODUCT CORP	<u>N/A</u> ^{ASME 11/12/97} <u>PBA</u>	N/A	1DG01KB-X / J.W. HX	<u>1978</u>	REPLACED	YES ^{ASME 11/12/97} <u>NO</u>
NUT 5/8"-10TPI	NOVA MACHINE PRODUCT CORP	<u>HT 8077124</u> ^{ASME 11/12/97} Code PLT	N/A	796C99	<u>1999</u>	REPLACEMENT	YES ^{ASME 11/12/97} <u>NO</u>

1B DG Jacket Water Cooler

7. Description of Work REPL THREADED STUDS AS REQ'D TO ACHIEVE PROPER NUT ENGAGEMENT.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Vis 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 WR 99007/5R2

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

ISA ENGR
Inspector or Owner's Designee, Title

Date Nov 12, 1999

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at 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 8/9/99 to 11/3/99, 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. T. Dugan
Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date November 13, 19 99

file 3.11.1110

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

1. Owner Commonwealth Edison Company Date 7/31/99 ^{225 11/15/99} 10/2/99
Name One First National Plaza, Chicago, Il. Sheet 1 of 2 ^{225 11/15/99}
Address 4450 N. German Church Road, Byron, Il.
2. Plant Byron Nuclear Power Station Unit 01
Name 4450 N. German Church Road, Byron, Il. Work Request No. 990071590-01
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 UNIT 1 DIESEL GENERATOR
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, NO Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
STUD	COOPERY ENERGY SERVIC	N/A	N/A	1D601KB-Y	1978	REPLACED	YES No ^{225 11/15/99}
STUD	NOVA MACHINE PRODUCT CORP	HT#99694 Code PBA	N/A	768G96 SIZ	1949	REPLACEMENT	YES No ^{225 11/15/99}
NUT	NOVA MACHINE PRODUCT CORP	N/A	N/A	1D601KB-Y	1978	REPLACED	YES No ^{225 11/15/99}
NUT	NOVA MACHINE PRODUCT CORP	HT#8077124 Code PLT	N/A	796C99 SIZ	1949	REPLACEMENT	YES No ^{225 11/15/99}

7. Description of Work + NUTS REPL THREADED STUDS AS REQ'D TO ACHIEVE PROPER THREAD ENGAGEMENT.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VIS 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 WR 990071590
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] SNA ISZ Engr
Owner or Owner's Designee, Title

Date Nov 15, 19 99

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors in 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 8/2/99 to 11/15/99, 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 November 15, 19 99

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 3/15/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. **Work Request No. 990113964**
Address
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 DG - Emergency Diesel Generator
5. (a) Applicable Construction Code Section III 19 74 Edition, S'76 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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)
2" x 3" Relief Valve	Crosby Valve	N60542-00-0007	n/a	epn: 2DG5030B	1978	Replaced	Yes
2" x 3" Relief Valve	Crosby Valve	N60542-00-0006	n/a	epn: 2DG5030B Cat ID 0000019979	1978	Replacement	Yes

7. Description of Work Replaced relief valve per PM Program
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 60 psi Test Temp. 154 °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 # 990113964

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]* TSI Engr. Date April 17, 2000
Owner, Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/10/00 to 4/17/00, 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] Commissions 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date April 17, 2000

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 5/3/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990047746-01
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 DO - Diesel 0.1
5. (a) Applicable Construction Code Section III 19 77 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	N62578-00-0015	NA	EPN = 1DO020A	1980	REPLACED	Yes
RELIEF VALVE	CROSBY	N62578-00-0011	NA	CAT ID# 27081	1980	REPLACEMENT	Yes

7. Description of Work REPLACE RELIEF VALVE WITH PRE-TESTED RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
VT-2 Other ☐ Pressure 23.4 psi Test Temp. 86.4 °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

Applicable Manufacturer's Data Reports to be attached:

NR 990047746

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] Engr Programs
Inspector or Owner's Designated Title

Date

7/11

18 2000
XS
7.11.00

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 In 7/11/00 have inspected the components described in this Owner's Report during the period 6/15/00 to 7/11/00 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

1.1.1-1-54
National Board, State Province, and Endorsements

Date

July 21 18 2000
In 7/11/00

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 5/5/00
Name
One First National Plaza, Chicago, IL
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. 990047748-01
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 DO - Diesel Oil
5. (a) Applicable Construction Code Section III 19 77 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	N62578-00-0014	NA	EPN # 1DO020C	1980	REPLACED	Yes
RELIEF VALVE	CROSBY	N62578-00-0015	NA	CAT ID# 27081	1980	REPLACEMENT	Yes

7. Description of Work REPLACE RELIEF VALVE WITH PRE-TESTED RELIEF VALVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 24 psi Test Temp. 86.3 °F

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

WR 990047748

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] Engr. Programs
Owner or Owner's Designee, Title

Date 7/11

182000
211600

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 2m 3/4/10 have inspected the components described in this Owner's Report during the period 4/4/10 to 7/6/10 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 122-1554

National Board, State Province, and Endorsements

Date July 21 NO 2010
2m 3/4/10

11-11

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 11-14-20
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990195134-01
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 Diesel Fuel Oil (DO)
5. (a) Applicable Construction Code Section III 19 77 Edition, S'77 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)
Relief valve	Crosby	N62578-00-0015	N/A	1D0020C	1980	Replaced	Yes
Relief Valve	Crosby	N62578-00-0014	N/A	CatId= 0000027081 1D0020C	1980	Replacement	Yes

7. Description of Work relief 2nd 11/16/20
 Replace ~~relief~~ valve due to suspected leak by.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 24 psi Test Temp. 81 °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 NR 990195134-01
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
Owner or Owner's Designee, Title

Date 12/1, 20 00

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 8/2/00 to 12/1/00, 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 122-1254

National Board, State Province, and Enforcement

Date Dec. 1, 20 00

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 09/09/99
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, Il. Work Request No. 970116452-01
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 Fire Protection (FP)
5. (a) Applicable Construction Code Section III 19 77 Edition, w' 78 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 Ball	ITT Grinnell	80-52894-5-10	N/A	1FP2430B	1981	Replaced	Yes
Valve Ball	ITT Grinnell	621744-1-1 HT# 6-131062	N/A	1FP2430B	1998	Replacement	Yes

7. Description of Work Rplace valve ball due to damage.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks WR# 9706452
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 Eng. Date Oct 18, 19 99
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. have inspected the components described in this Owner's Report during the period 11/15/97 to 10/21/99, 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 TL 1546
Inspector's Signature National Board, State Province, and Endorsements

Date 10/21, 19 99

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 10/05/00
Name
One First National Plaza, Chicago, IL
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. 980010038-01
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 Fire Protection (FP)
5. (a) Applicable Construction Code Section III 1980 Edition, S/80 Addenda Sec 01 & 02 Code Case SA 1474
(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)
1" Globe Valve	Target Rock	S/N 1	n/a	1FP244A	1982	Replaced	Yes
2" Sched 80 Pipe	Quanex Gulf States Tube Div.	Ht Code AA Ht #: JD1571	n/a	1FP8AA-2"	1977	Replaced	No
2" Globe Valve w/ Pipe Nipples	Target Rock	S/N JIVlv S/N 136/137 Pipe	n/a	1FP244A 1FP8AA-2"	1998	Replacement	Yes
2" Coupling	WFI Nuclear Products	HT # 456TNR	n/a	1FP8AA-2"	1991	Replacement	No

7. Description of Work: Replace Valve and associated piping 1FP244A, 1FP8AA-2"
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 148 psi 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 Invoked Code Case N-416-1 WR 980010038-01
Applicable Manufacturer's Data Reports to be attached
Pipe Nipples Welded to Replacement Valve by
Target Rock, 1466E BroadHollow Rd, E. Farmingdale NY 11735

Note: piping + opkg code utilized was 74/575.

CERTIFICATE OF COMPLIANCE

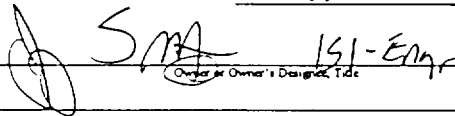
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

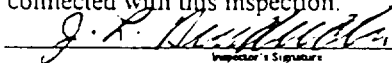

Owner or Owner's Designated Title

Date 12/5, 2000

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 6/25/98 to 12/1/00, 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.


Inspector's Signature

Commissions 122-1254

National Board, State Province, and Endorsements

Date December 11, 2000

Pg. 1 of 2

- * Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

REPRINT 6/93

B98-02503

FORM NPV-1 (BACK - Pg. 2 of 2)

Certificate Holder's Serial No. 11

8. Design conditions 200 psi 100 °F or valve pressure class N/A (1)
(pressure) (temperature)
9. Cold working pressure 285 psi at 100 °F
10. Hydrostatic test 450 psi. Disc differential test pressure N/A psi
11. Remarks: Indicator Tube SA479 316 S/N 4681
End Connection SA-696 Grade C S/N 136, 137
Nipples SA-106 Grade B S/N 5.6

CERTIFICATION OF DESIGN

Design Specification certified by William C. Cleff P.E. State CT Reg. No. 62-318171

Design Report certified by Not Applicable P.E. State - Reg. No. -

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-1947 Expires 12/12/98

Date 8/31/98 Name Target Rock Signed [Signature]
(N Certificate Holder) R.E. Glazier, Manager, Q.E.
(authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of New York and employed by Commercial Union Ins. of Boston, MA have inspected the pump, or valve, described in this Data Report on 8/31/98 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 8/31/98 Signed [Signature] N.Y. STATE COMMISSION NO. 2288
(Authorized Inspector) (Natl. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

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 10/5/00
Name
One First National Plaza, Chicago, IL
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. 980014287-01
3. Work Performed by NPS & 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 Fire Protection (FP)
5. (a) Applicable Construction Code Section III ⁷⁴ 1980 Edition, ^{575 for pipe on 11/8/01} S80 Addenda, ^{for vlv.} Not Applicable Code Case 416-1
 (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)
7" Globe Valve	Target Rock	S/N 4	n/a	1FP244B	1982	Replaced	Yes
7" Globe Valve w/ Pipe Nipples	Target Rock	S/N 12 (valve) S/N 7, 8 (pipe)	n/a	1FP244B	1998	Replacement	Yes
2" Pipe	Hunter Corp.	Mk: AA	n/a	1FPD8AB-2"	1974	Replaced	No
2" Pipe Coupling	Consolidated Power Supply	HT# 76 Q	n/a	1FPD8AB-2"	1996	Replacement	No

7. Description of Work: Replace Valve and associated piping - 1FP244B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 148 psi 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

Applicable Manufacturer's Data Reports to be attached

WR 980014287-01

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]
Inspector or Owner's Designee, Title

ISI - Engr

Date 12/6, 20 00

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 3/4/00 to 12/3/00, 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.

J. X. Pendlebury
Inspector's Signature

Commissions

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

Date December 8, 20 00

Pg. 1 of 2

- B98-03736**

FORM NPV-1 (BACK - Pg. 2 of 2)

Certificate Holder's Serial No. 128. Design conditions 200 psi 100 °F or valve pressure class N/A (1)
(pressure) (temperature)9. Cold working pressure 285 psi at 100 °F10. Hydrostatic test 450 psi. Disc differential test pressure N/A psi11. Remarks: Indicator Tube SA479 316 S/N 4599
End Connection SA-696 Grade C S/N 138, 139
Nipples SA-106 Grade B S/N 7, 8

CERTIFICATION OF DESIGN

Design Specification certified by William C. Cleff P.E. State IL Reg. No. 62-318171Design Report certified by Not Applicable P.E. State - Reg. No. -

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-1947 Expires 12/12/98Date 10/26/98 Name Target Rock Signed [Signature]
(N Certificate Holder) R.E. Glazier, Manager, Q.E.
(authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of New York and employed by Commercial Union Ins. of Boston, MA have inspected the pump, or valve, described in this Data Report on 10/26/98 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 10/26/98 Signed [Signature] N.Y. STATE COMMISSION NO. 2288
(Authorized Inspector) ALSO COMMISSIONED IN PENN., OHIO & CONN.
(Nat'l Bd (incl. endorsements) and state or prov. and no)

(1) For manually operated valves only

B98-03736

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 09/08/99
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL. Work Request No. 980018254-01
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 Fire Protection (FP)
5. (a) Applicable Construction Code Section III 19 77 Edition, w'78 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)
Valve Ball	ITT Grinnell	80-52894-5-12	N/A	1FP2430B	1981	Replaced	Yes
Valve Ball	ITT Grinnell	629702-1-1	N/A	1FP2430B SI# 770F23	1999	Replacement	Yes

7. Description of Work Rplace valve ball due to damage.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Vis 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 UR# 980018234
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.
report of repairment

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed

[Signature]
Owner or Owner's Designee, Title

ISI Eng.

Date

Oct 8, 1999

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. have inspected the components described in this Owner's Report during the period 3/10/98 to 10/20/99, 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

IL1546

National Board, State Province, and Endorsements

Date

10/20, 1999

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 01/08/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990119781-01
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 FP (Fire Protection)
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 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)
6" SCH. 40, 90 DEG. ELBOW	SOUTHWEST FABRICATION	HEAT NUMBER-H8	N/A	PIPE LINE # 0FPC2BB - 6"	1977	REPLACED	NO
6" SCH. 40, 90 DEG. ELBOW	TIOGA PIPE	HEAT NUMBER-H312A	N/A	PIPE LINE # 0FPC2BB - 6"	1997	REPLACEMENT	NO

7. Description of Work REMOVE EXISTING ELBOW, WELD IN A NEW ONE.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 175 psi Test Temp. 68 °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 # 990119781

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 *Gary L. [Signature]* ISI Eng Date April 12, 2000

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, Connecticut have inspected the components described in this Owner's Report during the period 4/1/00 to 4/14/00, 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.

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

Date April 14, 2000

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 08/23/00
 Name
 One First National Plaza, Chicago, IL.
 Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
 Name
 4450 N. German Church Road, Byron, IL. Unit 00
 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 Fire Protection (FP)
5. (a) Applicable Construction Code Section III 1986 Ed '87 AD Values
 1974 Edition, S/75 Addenda, N416-1 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)
4" Pipe	Southwest Fab.	FP-13-7A S/N 15214	n/a	0FPD1A-4" FP-HSL-100-45	1984	Replaced	Yes
2" x 1-1/2" Reducer Insert (2)	Bonney Forge	BR47	n/a	0FPZ4A-1-1/2" 0FPZ5A-1-1/2"	1978	Replacement	No
2" Pipe	Consolidated Power Supply	698754	n/a	0FPZ3A-2"	1997	Replacement	No
2" SW Tee	Consolidated Power Supply	R41S	n/a	0FPZ4A-2"	1995	Replacement	No
4"x2" Sockolet	Bonney Forge	751ZNF2	n/a	0FPD1A-4"	1998	Replacement	No
1-1/2" Pipe	Consolidated Power Supply	217644	n/a	0FPZ4A-1-1/2" 0FPZ5A-1-1/2"	1997	Replacement	No
2" 45 Degree Elbow	Consolidated Power Supply	349	n/a	0FPZ3A-2"	1997	Replacement	No
1-1/2" Gate Valve	Flowserve Corp	E-093T-2-6	n/a	0FP5171	2000	Replacement	No <u>yes</u>
1-1/2" Gate Valve	Flowserve Corp	E-093T-2-7	n/a	0FP5170	2000	Replacement	No <u>yes</u>

7. Description of Work: Install new piping and valves per mod design change DCP -9900374

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☐ Pressure 130 psi Test Temp. 84 °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 Invoked Code Case N-416-1 WR 990174544-01
Applicable Manufacturer's Data Reports to be attached

741/575 code edition utilized for piping.

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] ISA Engr
Inspector or Owner's Designee, Title

Date 12/5, 2000

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 2/27/00 to 12/12/00, 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

111-1254

National Board, State Province, and Endorsements

Date December 12, 2000

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 Corp. Date 11-6-00
PO Box 805379 Name Chicago IL
One First National Plaza, Chicago, IL 60680-5379 Sheet 1 of 1
 Address
2. Plant Byron Nuclear Power Station Unit 00
 Name
4450 N. German Church Road, Byron, IL. Work Request No. 990194556-01
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 Expiration Date Not Applicable
4. Identification of System Fire Protection (FP)
5. (a) Applicable Construction Code Section III 19 74 Edition, W'76 Addenda, None *See Remarks* 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)
Angle Valve	Anderson Greenwood	A-4167	N/A	OFP336	1978	Replaced	Yes
Angle Valve	Anderson Greenwood	N24737	N/A	CatId# 0000025887	1988	Replacement	Yes

7. Description of Work Replace valve due to leak-by. OFP336
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 145 psi Test Temp. Ambient °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 990194556-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

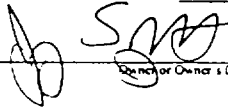
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed



Director or Owner's Designee, Title

Date

11/29 19 2000

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 9/1/00 to 12/1/00, 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.



Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

Dec. 1, 19 2000

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 10/03/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL
Address
3. Work Performed by PCI Energy Services Work Request No. 990156860-01
Name Repair Organization, P.O. No., Job No., etc.
One Energy Dr., Lake Bluff, IL 60044
Address Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System Main Feedwater (FW)
5. (a) Applicable Construction Code Section III 1986 Ed 'S87 Ad (Valve)
1974 Edition, S75 Addenda, N416-1 Code Case
(Piping)
(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	Borg Warner	77023	n/a	1FW079A	1982	Replaced	Yes
Check Valve	Crane	C9352	n/a	1FW079A	2000	Replacement	Yes
16" Sched 120 Pipe	Southwest Fabricating	14020	n/a	1FW86AA-16"	1978	Replaced	Yes
16" Sched 120 Pipe	Consolidated Power Supply	Ht S62051 Code ZVD	n/a	1FW86AA-16"	2000	Replacement	No
16" RFWN, 900# Flanges (2)	Coffey Corp. Flange Division	Ht 217T424 Code IAEO	n/a	1FW86AA-16"	2000	Replacement	No
1-5/8"-8UN x 12" Studs	Nova Machine Products	Ht 75662 Code SLM	n/a	1FW079A 1FW86AA-16"	2000	Replacement	No
1-5/8" Super bolt Tension Nuts	Nova Machine Products	Ht L0614 Code SLN	n/a	1FW079A 1FW86AA-16"	2000	Replacement	No
1-5/8" Hex Nuts	Nova Machine Products	Hyt 73265 Code SLL	n/a	1FW079A 1FW86AA-16"	2000	Replacement	No
Super Bolt Jack Bolts	Nova Machine Products	Ht 8649033	n/a	1FW079A 1FW86AA-16"	2000	Replacement	No

7. Description of Work: Replace Check Valve and Associated Piping. Add flanges to accommodate valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
- Other ☐ Pressure 1037 psi Test Temp. 300 °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 Invoked Code Case N-416-1

WR 990156860-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

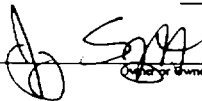
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

 IS-Eng
Owner's Designee, Title

Date 12/7, 20 00

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 9/1/00 to 12/12/00, 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.


Inspector's Signature

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

Date Dec. 12, 20 00

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 10/03/00
Name
One First National Plaza, Chicago, 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 PCI Energy Services Unit 01
Name
One Energy Dr., Lake Bluff, IL 60044
Address
4. Identification of System Main Feedwater (FW)
5. (a) Applicable Construction Code Section III 1974 Edition, S75 Addenda, N/A ^{12/2/00} 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)
16" Pipe	Southwest Fabricating	14020	n/a	1FW86AA-16" Spool FW-14-1	1978	Repaired	Yes

7. Description of Work: Repair Damage area due to Flow Assisted Corrosion.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
- Other ☐ Pressure 1037 psi Test Temp. 300 °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 990156860-06

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



S.M.A.

Owner or Owner's Designee, Title

Date

12/7

192000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and 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 9/5/00 to 12/12/00, 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.

J. X. H. H. H. H. H.

Inspector's Signature

Commissions

122-1254

National Board, State Province, and Endorsements

Date

DEC. 12

192000

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 10/03/00
Name
One First National Plaza, Chicago, 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 PCI Energy Services Unit 01
Name
One Energy Dr., Lake Bluff, IL 60044
Address
4. Identification of System Main Feedwater (FW)
1986 Ed 'S87 Ad (Valve)
5. (a) Applicable Construction Code Section III 1974 Edition, S75 Addenda, N416-1 Code Case
(Piping)
 (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	Borg Warner	78237	n/a	1FW079B	1982	Replaced	Yes
Check Valve	Crane	C9353	n/a	1FW079B	2000	Replacement	Yes
16" Sched 120 Pipe	Southwest Fabricating	14041	n/a	1FW86AB-16"	1978	Replaced	Yes
16" Sched 120 Pipe	Consolidated Power Supply	Ht S62051 Code ZVD	n/a	1FW86AB-16"	2000	Replacement	No
16" RFWN, 900# Flanges (2)	Coffer Corp. Flange Division	Ht 217T424 Code IAE0	n/a	1FW86AB-16"	2000	Replacement	No
1-5/8"-8UN x 12" Studs	Nova Machine Products	Ht 75662 Code SLM	n/a	1FW079B 1FW86AB-16"	2000	Replacement	No
1-5/8" Super bolt Tension Nuts	Nova Machine Products	Ht L0614 Code SLN	n/a	1FW079B 1FW86AB-16"	2000	Replacement	No
1-5/8" Hex Nuts	Nova Machine Products	Hyt 73265 Code SLL	n/a	1FW079B 1FW86AB-16"	2000	Replacement	No
Super Bolt Jack Bolts	Nova Machine Products	Ht 8649033	n/a	1FW079B 1FW86AB-16"	2000	Replacement	No

7. Description of Work: Replace Check Valve and Associated Piping. Add flanges to accommodate valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 1037 psi Test Temp. 300 °F

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

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FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1 WR 990/56861-01

Applicable Manufacturer's Data Reports to be attached

16" RFWN Flange Gasket seating Surface Machined to Restore
concentric serrated surface finish

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
Owner or Owner's Designee, Title

Date 12/7, 2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors in 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 9/24/00 to 12/14/00, 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 166-1254
National Board, State Province, and Endorsements

Date Dec. 12, 20 00

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 10/03/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL **Work Request No. 990156863-01**
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by PCI Energy Services Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
One Energy Dr., Lake Bluff, IL 60044 Expiration Date Not Applicable
Address
4. Identification of System Main Feedwater (FW)
5. (a) Applicable Construction Code Section III 1986 Ed 'S87 Ad (Valve)
1974 Edition, S75 Addenda, N416-1 Code Case
(Piping)
(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	Borg Warner	77887	n/a	1FW079C	1982	Replaced	Yes
Check Valve	Crane	C9354	n/a	1FW079C	2000	Replacement	Yes
16" Sched 120 Pipe	Southwest Fabricating	14048	n/a	1FW86AC-16"	1978	Replaced	Yes
16" Sched 120 Pipe	Consolidated Power Supply	Ht S62051 Code ZVD	n/a	1FW86AC-16"	2000	Replacement	No
16" RFWN, 900# Flanges (2)	Coffer Corp. Flange Division	Ht 217T424 Code IAEO	n/a	1FW86AC-16"	2000	Replacement	No
1-5/8"-8UN x 12" Studs	Nova Machine Products	Ht 75662 Code SLM	n/a	1FW079C 1FW86AC-16"	2000	Replacement	No
1-5/8" Super bolt Tension Nuts	Nova Machine Products	Ht L0614 Code SLN	n/a	1FW079C 1FW86AC-16"	2000	Replacement	No
1-5/8" Hex Nuts	Nova Machine Products	Ht 73265 Code SLL	n/a	1FW079C 1FW86AC-16"	2000	Replacement	No
Super Bolt Jack Bolts	Nova Machine Products	Ht 8649033	n/a	1FW079C 1FW86AC-16"	2000	Replacement	No

7. Description of Work: Replace Check Valve and Associated Piping. Add flanges to accommodate valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☐ Pressure 1037 psi Test Temp. 300 °F

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

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FORM NIS-2 (Back)

9. Remarks INVOKED CODE CASE N-416-1

Applicable Manufacturer's Data Reports to be attached

WR 990156863-01

74/575 Code edition for pipe + flange replacement.

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
Owner or Owner's Designer, Title

Date 12/7, 20 00

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 9/1/00 to 12/12/00, 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 166-1254

National Board, State Province, and Endorsements

Date Dec. 12, 20 00

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 10/03/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
 2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990156863-05
Address Repair Organization, P.O. No., Job No., etc.
 3. Work Performed by PCI Energy Services Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
One Energy Dr., Lake Bluff, IL 60044 Expiration Date Not Applicable
Address
 4. Identification of System Main Feedwater (FW)

5. (a) Applicable Construction Code Section III 1974 Edition, S75 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)
16" Pipe	Southwest Fabricating	14048	n/a	1FW86AC-16" Spool FW-16-1	1978	Repaired	Yes

7. Description of Work: Repair Damage area due to Flow Assisted Corrosion.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☐ Pressure 1037 psi Test Temp. 300 °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 - 990156863-05
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed [Signature] ISI Engr Date 11/30, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/27/00 to 12/14/00, 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.

J. R. Handley Commissions 122-1254
Inspector's Signature National Board, State Province, and Endorsements

Date DAC. 12, 2000

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 10/03/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990156864-01
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by PCI Energy Services Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
One Energy Dr., Lake Bluff, IL 60044 Expiration Date Not Applicable
Address
4. Identification of System Main Feedwater (FW)
5. (a) Applicable Construction Code Section III 1986 Ed 'S87 Ad (Valve)
1974 Edition, S75 Addenda, N416-1 Code Case
(Piping)
(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	Borg Warner	77494	n/a	1FW079D	1982	Replaced	Yes
Check Valve	Crane	C9355	n/a	1FW079D	2000	Replacement	Yes
16" Sched 120 Pipe	Southwest Fabricating	13992	n/a	1FW86AD-16"	1978	Replaced	Yes
16" Sched 120 Pipe	Consolidated Power Supply	Ht S62051 Code ZVD	n/a	1FW86AD-16"	2000	Replacement	No
16" RFWN, 900# Flanges (2)	Coffer Corp. Flange Division	Ht 217T424 Code IAE0	n/a	1FW86AD-16"	2000	Replacement	No
1-5/8"-8UN x 12" Studs	Nova Machine Products	Ht 75662 Code SLM	n/a	1FW079D 1FW86AD-16"	2000	Replacement	No
1-5/8" Super bolt Tension Nuts	Nova Machine Products	Ht L0614 Code SLN	n/a	1FW079D 1FW86AD-16"	2000	Replacement	No
1-5/8" Hex Nuts	Nova Machine Products	Hyt 73265 Code SLL	n/a	1FW079D 1FW86AD-16"	2000	Replacement	No
Super Bolt Jack Bolts	Nova Machine Products	Ht 8649033	n/a	1FW079D 1FW86AD-16"	2000	Replacement	No

7. Description of Work: Replace Check Valve and Associated Piping. Add flanges to accommodate valve.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1037 psi Test Temp. 300 °F

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

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FORM NIS-2 (Back)

9. Remarks Invoked Code Case N-416-1

Applicable Manufacturer's Data Reports to be attached

9m 12/12/00
WR 990156864-01
990156864

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



Owner or Designer's Title

Date 12/12, 20 00

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 9/1/00 to 12/12/00, 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.



Inspector's Signature

Commissions

1LL-1254

National Board, State Province, and Endorsements

Date Dec. 12, 20 00

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 6/8/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990002740-01
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 Main Steam (MS)
5. (a) Applicable Construction Code Section III 19 74 Edition, S'74 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)
Valve Plug	W-K-M Valve	PLUG HT= 73305	N/A	1MS018B	1978	Replaced	<u>Yes No</u> <i>SRS 6/11/00</i>
Valve Plug	W-K-M VALVE	PLUG HT= 76506-1C	N/A	CatId= 1032867	1980	Replacement	<u>Yes No</u> <i>SRS 6/11/00</i>

7. Description of Work Replacement of Valve Plug (Disc). - 1MS018B
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 WR 990002740-01
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

ISI Eng

Date

9/10 3000

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 3/13/00 to 9/10/00 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

122-1254

National Board, State Province, and Endorsements

Date

9/11 2000

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 05/10/00 ^{JRS} 10/6/00
Name
One First National Plaza, Chicago, IL.
Address
Sheet 1 of 21
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990033305-01
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable NR
131 Venture Blvd Name Spartanburg SC Authorization No. Not Applicable NB-81
4450 N. German Church Road, Byron, IL. 29306 Expiration Date Not Applicable 4/1/03
Address NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc.
4. Identification of System MAIN STEAM - (MS)
5. (a) Applicable Construction Code Section III 19 74 Edition, NONE Addenda, N/A
Code Case None
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 83/88 89 & 10/12/80
6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

7. Description of Work REPLACE VALVE DISC - 1MSD15D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
N/A Other ☐ Pressure N/A JRS 10/14/00 N/A 565 °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 990033305-01
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

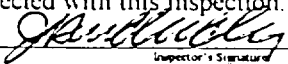
Expiration Date NOT APPLICABLE

Signed  ISI Eng Date 10/19 192000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. I.&I. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 3/16/12 to 10/18/12 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.

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

Date 10/19 192000

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

1. Work performed by: NWS Technologies, LLC Purchase Order # 00017280 Rev. 002
131 Venture Boulevard, Spartanburg, SC 29306

2. Work performed for: Commonwealth Edison Company, Byron Nuclear Station

3/4. Owner - name, address and identification of nuclear power plant: Commonwealth Edison Company,
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>BRO 9601</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: 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 ADB69 installed. NWS Traveler # 00-173.

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.

9/30/00 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 Inspection & Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 30 SEPT. 2000 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.

9/30/00 [Signature] NB # 8462, A, N, I NC# 1073
Date Inspector's Signature Commissions (NB (incl endorsements), jurisdiction & no.)

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 JRS 10/14/00 10/5/00
Name One First National Plaza, Chicago, IL
Address 4450 N. German Church Road, Byron, IL Sheet 1 of 21

2. Plant Byron Nuclear Power Station Unit 01
Name 4450 N. German Church Road, Byron, IL Work Request No. 990073554-01
Address NWS Technologies, LLC Repair Organization, P.O. No., Job No., etc. JRS 10/14/00

3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable NR
131 Venture Blvd Name Spartanburg, SC Authorization No. Not Applicable NB-81
4450 N. German Church Road, Byron, IL 29306 Expiration Date Not Applicable 4/9/03
Address JRS 10/14/00

4. Identification of System MAIN STEAM

5. (a) Applicable Construction Code Section III 19 74 Edition. NONE Addenda N/A
Code Case None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 83/88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

WR 990073554-01

CERTIFICATE OF COMPLIANCE

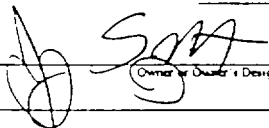
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed



ISI Engr

Date

10/19

192000

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 3/14/00 to 10/19/00 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.



Commissions

144-1254

National Board, State Province, and Endorsements

Date

10/19

192000

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

1. Work performed by: NWS Technologies, LLC Purchase Order # 00017280 Rev. 002
131 Venture Boulevard, Spartanburg, SC 29306
2. Work performed for: Commonwealth Edison Company, Byron Nuclear Station
- 3/4. Owner - name, address and identification of nuclear power plant: Commonwealth Edison Company,
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>BRO 9602</u> | <u>n/a</u> | <u>steam</u> | <u>6"</u> | <u>77</u> |
| <small>(type)</small> | <small>(mfr's S/N)</small> | <small>(NB#)</small> | <small>(service)</small> | <small>(size)</small> | <small>(yr.built)</small> |
- 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: 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 ADC07 installed. NWS Traveler # 00-174.

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.

9/30/00 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 Inspection & Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 30 SEPT. 2000 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.

9/30/00 *Charles F. Toegel Jr.* *9/30/00* 55459
Date Inspector's Signature NB # 8462/A, N, I NC# 1073
Commissions (NB (incl endorsements), jurisdiction, & no.)

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 10/06/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990073556-01
Address
3. Work Performed by NWS Technologies Repair Organization, P.O. No., Job No., etc.
Address Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable NR
131 Venture Blvd Spartanburg SC 29306 Authorization No. Not Applicable NB-81 JRS
4450 N. German Church Road, Byron, IL. Expiration Date Not Applicable 4/9/03 10/16/00
Address
4. Identification of System Main Steam (MS)
5. (a) Applicable Construction Code Section III 1974 Edition, No Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
Disc	Dresser Industries	G E AAF51	n a	IMS015C Vlv S.N BR09600	1977	Replaced	No
Disc	Dresser Industries	ADC05	n a	IMS015C Vlv S.N BR09600	2000	Replacement	No

7. Description of Work: Replace Valve disc in IMS015C
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 WR 990073556-01
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. Smith
Owner or Owner's Designee, Title

ISI Engr.

Date

10/13 .20 00

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 3/14/00 to 10/16/00 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.

J. Donahue
Inspector's Signature

Commissions

126-1254

National Board, State Province, and Endorsements

Date

10/16

.20 00

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

1. Work performed by: NWS Technologies, LLC Purchase Order # 00017280 Rev. 002
131 Venture Boulevard, Spartanburg, SC 29306
2. Work performed for: Commonwealth Edison Company, Byron Nuclear Station
- 3/4. Owner - name, address and identification of nuclear power plant: Commonwealth Edison Company,
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>BRO 9600</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: 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 ADC05 installed. NWS Traveler # 00-172.

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.

9/30/00 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 Inspection & Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 30 SEPT. 2000 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning 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.

9/30/00 *Charles F. Toegel Jr.* NB # 8462, A. N. I NC# 1073
Date Inspector's Signature Commissions (NB incl endorsements), jurisdiction & no

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 10/6/00
Name
One First National Plaza, Chicago, IL
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990120408-01
3. Work Performed by NWS Technologies Repair Organization, P.O. No., Job No., etc.
Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable NR
131 Venture Blvd, Spartanburg, SC 29306 Authorization No. Not Applicable NB-81 JRS
4450 N. German Church Road, Byron, IL Expiration Date Not Applicable 4/9/03 10/14/00
Address
4. Identification of System MS
5. (a) Applicable Construction Code Section III 74 Edition, N/A Addenda NONE Code Case
JRS 10/13/00
(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)
VALVE ISC	DRESSER INDUSTRIES	G/E-AAF50	NONE	EPN 1MS016D	1977	REPLACED	X No
VALVE DISC	DRESSER INDUSTRIES	AD368	NONE	CAT ID# 16492	Zxc	REPLACEMENT	JRS 10/13/00 X No

7. Description of Work REPLACE VALVE DISC WITH INCONEL X-750 MATERIAL DISC
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 WR 990120408-01
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

ISI Eng

Date 10/17 10/2000

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 8/6/02 to 10/14/02 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]
Inspector's Signature

Commissions

121-1254

National Board, State Province, and Endorsements

Date Oct. 16, 19 2000

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

1. Work performed by: **NWS Technologies, LLC** Purchase Order # 00017280 Rev. 002
131 Venture Boulevard, Spartanburg, SC 29306
2. Work performed for: Commonwealth Edison Company, Byron Nuclear Station
- 3/4. Owner - name, address and identification of nuclear power plant: Commonwealth Edison Company,
Byron Nuclear Station 4450 N. German Church Road Byron, IL 61013
5. a: Repaired pressure relief device: Main Steam Safety Valve
 b: Name of manufacturer: Consolidated / Dresser
 c: Identifying nos.
- | | | | | | |
|---|----------------------------|--------------------------|--------------------------------|-----------------------------|----------------------------|
| <u>3707R</u> | <u>BRO 9605</u> | <u>n/a</u> | <u>steam</u> | <u>6"</u> | <u>77</u> |
| <small>(type)</small> | <small>(mfr's S/N)</small> | <small>(NB#)</small> | <small>(service)</small> | <small>(size)</small> | <small>(yr. built)</small> |
| d: Construction Code: <u>ASME Section III</u> | <u>1974</u> | <u>n/a</u> | <u>n/a</u> | <u>2</u> | |
| <small>(name/section/division)</small> | <small>(edition)</small> | <small>(addenda)</small> | <small>(Code Cases(s))</small> | <small>(Code Class)</small> | |
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 ADB68 installed. NWS Traveler # 00-175.

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.

9/30/00 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 Inspection & Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 30 Sept. 2000 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.

9/30/00 *Charles F. Toegel Jr.* NB # 8462, A, N, I NC# 1073 *241/3/00*
Date Inspector's Signature Commissions (NB (incl endorsements), jurisdiction, & no.)

55459

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 10/6/00
Name
One First National Plaza, Chicago, IL
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. 990126054-01
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 [MS] MAIN STEAM
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 NO ADD.

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	VELAN	S/N: 2432	N/A	EPN: IMS020A VLV.S.N: 1785	1978	REPLACED	YES
VALVE DISC	VELAN	S/N: 4568	N/A	CAT. I.D. 36273	1998	REPLACEMENT	YES
VALVE DISC <i>TACK WELD</i>	VELAN	S/N: 4568	N/A	CAT ID. 36273	1998	<i>Replacement JRS TACK WLD 10/14/00</i>	YES
VALVE BODY	VELAN	S/N: 1785	N/A	EPN: IMS020A VLV.S.N: 1785	1978	REPAIRED	YES
VALVE BONNET	VELAN	SN: 2135	N/A	EPN: IMS020A VLV.S.N: 1785	1978	REPAIRED	YES

7. Description of Work REPLACE DISC&TACK WLD DISC-UNION, RPR VLV BODY& BONNET SEAL RING SURFACE AREA IMS020A

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *JRS 11/5/00*
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 WR 990126054-01
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE *Repair +*

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]

ISI - Engr

Owner or Owner's Designee, Title

Date

11/15

2000

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 3/27/02 to 4/15/02, 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

126-1254

National Board, State Province, and Endorsements

Date

11.16

, 19

2002

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 10/2/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 01
Work Request No. 990126070-01
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 Expiration Date Not Applicable
4. Identification of System MS / MAIN STEAM
5. (a) Applicable Construction Code Section III 19 74 Edition, W/75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 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 ISC	VELAN	S/N: 2426	N/A	IMS021A VLV. S.N: 1791	1978	REPLACED	YES NO
VALVE DISC	VELAN	S/N: 4570	N/A	CAT.ID: 36273	1998	REPLACEMENT	YES NO 10/14/00
VALVE DISC Tack Weld	VELAN	S/N: 4570	N/A	CAT.ID: 36273	1998	TACK WLD DISC DISC UNION - Replacement	YES NO 10/14/00
VALVE BONNET	VELAN	S/N: 2133	N/A	EPN:IMS021A VLV. S.N: 1791	1978	REPAIR	YES

7. Description of Work DISC REPLACEMENT, TACK WELD DISC-UNION, MACHINE BONNET SEAL RING AREA

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 990126070-01

Repaired vlv bonnet by machining only of gasket area.

CERTIFICATE OF COMPLIANCE ^{REPAIR +}

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed

[Signature] ISI Eng
Owner or Owner's Designee, Title

Date 11/15 19 2000

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&I. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 3/27/00 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 122-1254

National Board, State Province, and Endorsements

Date Nov 16 19 2000

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 9/9/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 2
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990182498-01
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 PC - CONTAINMENT PENETRATIONS
5. (a) Applicable Construction Code Section III 19 71 Edition, S73 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 88 72, Addenda 92
2nd 9/1/00
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)
EQUIPMENT HATCH Lug	EBT A&A Equip. & Supply	HT# V72561	N/A	IPC103M	2000	REPLACEMENT	YES- No

7. Description of Work WELD LIFTING LUG TO PENETRATION SLEEVE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A Other ☐ Pressure _____ psi Test Temp. _____ °F

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

This form has been electronically generated.

9.

Remarks

WR 990182498-01

Applicable Manufacturer's Data Reports to be attached

Lug Material is ASTM A-36 AND is Acceptable
per NE-4435

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

ISI Engr
Signature of Owner's Designee, Title

Date 11/30 19 2000

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 8/29/00 to 12/1/00, and state that to the best of 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. R. [Signature]
Inspector's Signature

Commissions

126-1354

National Board, State Province, and Endorsements

Date

Dec. 1 19 2000

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 10/08/00
Name
One First National Plaza, Chicago, IL.
Address
2. Plant Byron Nuclear Power Station Unit _____
Name
4450 N. German Church Road, Byron, IL.
Address
3. Work Performed by PCI Energy Services ~~*~~ Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
One Energy Dr., Lake Bluff, IL 60044 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III ¹⁹⁷¹ ~~1974~~ Edition, ^{4/73} ~~573~~ Addenda, 1976-1 Code Case
** 9/12/83
 (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)
Guide Stops	PCI	H083059A/05 H083059A/06	n/a	IRC8002C s/n 04-114E937-G-03		Replacement	No
Field Weld FW-80	Hunter Corp.	n/a	n/a	IRC21AC-8" FW-80	1984	Replaced	No
Field Weld FW-80	PCI Energy Services	n/a	n/a	IRC21AC-8" FW-80	2000	Replacement	No
Field Weld FW-244	Hunter Corp.	n/a	n/a	IRC21AC-8" FW-244	1984	Replaced	No
Field Weld FW-244	PCI Energy Services	n/a	n/a	IRC21AC-8" FW-244	2000	Replacement	No
Field Weld FW-417	Hunter Corp.	n/a	n/a	IRC22AC-1 1/2" FW-417	1984	Replaced	No
Field Weld FW-417	PCI Energy Services	n/a	n/a	IRC22AC-1 1/2" FW-417	2000	Replacement	No
1 1/2" Sched. 160 Pipe	Hunter Corp.	Ht #: 462294	N/a	IRC22AC-1/12"	1984	Replaced	No
1 1/2" Coupling	ASP	Ht Code: HLT Ht #: A13856	N/a	IRC22AC-1 1/2"	1998	Replacement	No

7. Description of Work: Install Guide Stops in IRC8002C/Cut out & Re-install IRC21AC, IRC22AC/Install New Coupling
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2238 psi Test Temp. 553 °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

Applicable Manufacturer's Data Reports to be attached

WR 970122923-01-03-07

* Work also performed by: NPS + Venture

555 S. Juliet Rd

Bolingbrook, IL 60440

** 74/575 for piping weld code edition.

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 12/6, 20 00

Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B.I.I. Co of Hartford, Ct. have inspected the components described in this Owner's Report during the period 7/21/00 - 8/13/00 to 12/12/00, 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 ILL-1654

National Board, State Province, and Endorsements

Date 12/12, 20 00

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 10/08/00
Name
One First National Plaza, Chicago, 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 PCI Energy Services Unit 1
Name
One Energy Dr., Lake Bluff, IL 60044
Address
- Work Request No. 970122922-01, -03, -08
Repair Organization, P.O. No., Job No., etc.
- Type Code Symbol Stamp Not Applicable
 Authorization No. Not Applicable
 Expiration Date Not Applicable
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III ¹⁹⁷¹ 1974 Edition, S75 Addenda, Sce Code Case
pipe welds ^{w73 - guide stops} over
- (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)
Guide Stops	PCI	D83059A/08 D83059A/07	n/a	IRC8002B s/n 01-114E937-G01	<u>2000</u>	Replacement	No
Field Weld FW-73	Hunter Corp.	n/a	n/a	IRC21AB-8" FW-73	1984	Replaced	No
Field Weld FW-73	PCI Energy Services	n/a	n/a	IRC21AB-8" FW-73	2000	Replacement	No
Field Weld SW-3	Hunter Corp.	n/a	n/a	IRC21AB-8" SW-3	1984	Replaced	No
Field Weld SW-3	PCI Energy Services	n/a	n/a	IRC21AB-8" SW-3	2000	Replacement	No
Field Weld FW-374	Hunter Corp.	n/a	n/a	IRC22AB-1 1/2"	1984	Replaced	No
Field Weld FW-374	PCI Energy Services	n/a	n/a	IRC22AB-1 1/2"	2000	Replacement	No
1 1/4" Schd 160 Pipe	Hunter Corp.	Ht #: 462294	N/a	IRC22AD-1/12"	1984	Replaced	No
1 1/4" Coupling	ASP	Ht Code: HCF Ht #: 21711	N/a	IRC22AD-1 1/2"	1990	Replacement	No

7. Description of Work: Install Guide Stops in IRC8002B/Cut out & Re-install IRC21AB, IRC22AB/Install new coupling
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
- Other ☐ Pressure 2238 psi Test Temp. 553 °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

Applicable Manufacturer's Data Reports to be attached

WR 970122922-01,-03,-08

CERTIFICATE OF COMPLIANCE

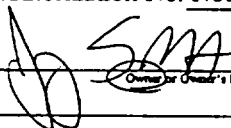
We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

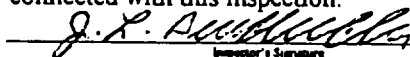
 SNA ISI ENR
Owner or Owner's Designer, Title

Date 12/6, 20 80

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 3/13/82 to 12/7/82, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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


Inspector's Signature

Commissions

12L-1254

National Board, State Province, and Endorsements

Date Dec. 7, 20 00

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 10/08/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Unit _____
Name
4450 N. German Church Road, Byron, IL
Address Work Request No. 970122925-01, -03
Repair Organization, P.O. No., Job No., etc.
3. Work Performed by PCI Energy Services Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
One Energy Dr., Lake Bluff, IL 60044 Expiration Date Not Applicable
Address
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III ^{7/1} ~~1974~~ Edition, ^{4/1/73} ~~S45~~ Addenda, 1/4/16 -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)
Guide Stops	PCI	H083059A/10 H083059A/09	n/a	IRC8002D s/n 02-114E937-G-01		Replacement	No
Field Weld FW-88	Hunter Corp.	n/a	n/a	IRC21AD-8" FW-88	1984	Replaced	No
Field Weld FW-88	PCI Energy Services	n/a	n/a	IRC21AD-8" FW-88	2000	Replacement	No
Field Weld SW-3	Hunter Corp.	n/a	n/a	IRC21AD-8" SW-3	1984	Replaced	No
Field Weld SW-3	PCI Energy Services	n/a	n/a	IRC21AD-8" SW-3	2000	Replacement	No
1 1/2" Sched. 160 Pipe	Hunter Corp.	HT #: 462294	n/a	IRC22AD-1 1/2"	1984	Replaced	No
1 1/2" Sched. 160 Pipe	AL Tech Specialty	HT #: A3614H	n/a	IRC22AD-1 1/2"	1989	Replacement	No
1 1/2" Elbow	Hunter Corp.	Ht Code: RA	N/a	IRC22AD-1/12"	1984	Replaced	No
1 1/2" Elbow	ASP	Ht Code: NM	N/a	IRC22AD-1 1/2"	1998	Replacement	No

7. Description of Work: Install Guide Stops in IRC8002D/Cut out & Re-install IRC21AD/Replace IRC22AD Elbow & Pipe
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2238 psi Test Temp. 553 °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 Invoked Code Case N-416-1

Applicable Manufacturer's Data Reports to be attached

WR 970122925-01, -03

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



ISI Engr

Date 12/6 .2000

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 7/14/00 to 12/14/00, 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.



Commissions

121-1154

National Board, State Province, and Endorsements

Date December 11 .20 00

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 10/4/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 01
Address
3. Work Performed by Westinghouse Electric Co Ltd Type Code Symbol Stamp Not Applicable
Name Repair Organization, P.O. No., Job No., etc.
Po Box 158 Waltz Mill Service Center Madison Pa 15663 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, N-496-1 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)
Primary Manway Stud (8)	Nova Machine Products	HT Code DVD	n/a	IRC01BC	1997	Replaced	No
Primary Manway Stud (7)	Nova Machine Products	HT Code DVD	n/a	See Remarks for S/Ns	1997	Replacement	No
Primary Manway Stud (1)	Nova Machine Products	HT Code EMQ	n/a	S/N 286 See Remarks	1997	Replacement	No
Helicoil Insert (2)	Consolidated Power Supply	HT # 95496 Cut Code A8FP	n/a	Hot Leg Primary Manway Holes 2 & 3	2000	Replacement	No

7. Description of Work: Replace 8 Hot Leg Primary Manway Studs and insert 2 Helicoils in Steam Generator IRC01BC.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2238 psi Test Temp. 553 °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.

WR 990039158-01, -02

9. Remarks Replace 8 Hot Leg Primary Manway Studs in 1C Steam Generator at locations 1, 2, 3, 4, 5, 12, 19, & 20.

Applicable Manufacturer's Data Reports to be attached

Install Helicoil inserts in Hot Leg Primary Manway locations 2 & 3 per Code Case N-496-1.

Replacement Stud Information: Hole #1, S/N 197/DVD Hole #2, S/N 286/EMQ Hole #3, S/N 195/DVD

Hole #4, S/N 243/DVD Hole #5, S/N 191/DVD Hole #12, S/N 228/DVD Hole #19, S/N 205/D Hole #20, S/N 267/DVD

Invoked Code Case N-496-1

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

Owner's Designee, Title

Date 11/18, 2000

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 8/7/00 to 11/21/00, 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

121-1354

National Board, State Province, and Endorsements

Date 11/21/00, 2000

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 10/04/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990089283-01
Address
3. Work Performed by Westinghouse Electric Co. Ltd Repair Organization, P.O. No., Job No., etc.
Name Type Code Symbol Stamp Not Applicable
PO Box 158 Waltz Mill Service Center, Madison PA 15663 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, 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)
SG Primary Manway Studs (4)	Nova Machine Products	Ht. Code DVD HT # M62760	n/a	IRC01BA, S/Ns 174, 175, 177, 176, 153	1997	Replaced	No
SG Primary Manway Studs (4)	Nova Machine Products	Ht. Code DVD HT # M62760	n/a	IRC01BA, S/Ns 202, 196, 232, 212, 206	1997	Replacement	No
SG Primary Manway Bell Nut	Nova Machine Products	Ht. Code DVL HT # 66963-323	n/a	IRC01BA	1997	Replaced	No
SG Primary Manway Bell Nut	Nova Machine Products	Ht. Code EEG HT # 82651	n/a	IRC01BA Hot Leg M/W loc. 17	1997	Replacement	No

7. Description of Work: Replace 5 Steam Generator Primary Manway Studs and 1 Bell Nut – IRC01BA
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2235 psi Test Temp. 559 °F

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

FORM NIS-2 (Back)

2#9

9. Remarks Replaced Hot Leg Primary Manway Studs #7, #17 and Cold Leg Primary Manway Studs #17 and #20
Replaced Primary Manway Bell Nut on Hot Leg Primary manway Stud #17

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



Owner or Owner's Designee, Title

Date 10/17, 20 00

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 10/1/00 to 10/19/00, 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.


Inspector's Signature

Commissions 122-1254

National Board, State Province, and Endorsements

Date 10/19, 20 00

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 10/7/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990148906 - 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 RC- Reactor Coolant
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 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	ASME Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
S/G support framing	Hunter Corp	n/a	n/a	1RC01BX-D H-SGLS-4	1984	Replacement	No

7. Description of Work Added Non-NF lifting lug to support framing to support S/G maintenance activities
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 WR # 990148906-01WR 990148906-01Applicable Manufacturer's Data Reports to be attachedNIS-2 data report - welding to NF boundary.**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 replacementType Code Symbol Stamp Not ApplicableCertificate of Authorization No. Not Applicable Expiration Date Not ApplicableSigned [Signature] ISI Engr Date 11/18, 2000Inspector or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/16/00 to 11/20/00, 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] Commissions 166-1254

Inspector's SignatureNational Board, State Province, and EndorsementsDate Nov. 20, 20 00

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 10/04/00
Name
One First National Plaza, Chicago, IL
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. 990215436-01
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 19 74 Edition, S/74 Addenda, See Remarks 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)
Mechanical Snubber	ITT Grinnell	7172	n/a	IRC18015S	1984	Replaced	Yes
Mechanical Snubber	ITT Grinnell	14885	n/a	IRC18015S	1980	Replacement	Yes

7. Description of Work: Replace Mechanical Snubber
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
VT-3/4 +
functional 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 Code Cases: 1644 Rev. 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108
Applicable Manufacturer's Data Reports to be attached
WR 990215436-01

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] ISI Engr
Owner or Owner's Designee, Title

Date 11/14 .20 00

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 10/3/00 to 11/14/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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 Nov. 14 , 20 00

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 10/2/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990127355-01
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 RH
5. (a) Applicable Construction Code Section III 19 71 Edition, W72 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	N56904-00-0068	N/A	EPN IRH8708A	1992	REPLACED	Yes
RELIEF VALVE	CROSBY	N 56904-00-0015	N/A	CAT ID: 27042 IRH8708A	1975	REPLACEMENT	Yes

7. Description of Work BENCH TEST NEW RELIEF VALVE AND INSTALL
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 26 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 _____
Applicable Manufacturer's Data Reports to be attached

WR 990127355-01

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]
Owner or Owner's Designee Title

ISI Engr

Date 10/7 19 2000

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 3/14/00 to 10/7/00 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

1254

National Board, State Province, and Endorsements

Date 10/7 19 2000

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 9/30/00
Name
One First National Plaza, Chicago, Il.
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. 990029307-01
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. 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, 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)
SAFETY VALVE	CROSBY VALVE	N56964-00-0090	N A	1RY8010A	1977	REPLACED	YES
SAFETY VALVE	CROSBY VALVE	N56964-00-0089	N A	1RY8010A CAT= 0000024176	1977	REPLACEMENT	YES

7. Description of Work REMOVE AND REPLACE SAFETY VALVE. - 1RY8010A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2235 psi Test Temp. 559 °F

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

FORM NIS-2 (Back)

9. Remarks WR 990029307-01
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

ISI Engr
Inspector or Owner's Designee, Title

Date 11/27

11/2000

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 9/19/00 to 11/27/00, 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.

J. X. Smith
Inspector's Signature

Commissions 166-1254

National Board, State Province, and Endorsements

Date Nov. 27, 19 2000

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 10-4-00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 21
Address 325 17th/00
2. Plant Byron Nuclear Power Station Unit 1
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990215147-01
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 RY
5. (a) Applicable Construction Code Section III 1974 Edition, S74 Addenda, 1644R-7, 1682, 1683, 1685, 1686, 1651
1723, 1729, 1734 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989 N-150, N-168
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	ITT GRINNELL E-82-774	10394	N/A	IRY06097S	1980	REPLACED	NO
SNUBBER	ITT GRINNELL E-VY-027	15029	N/A	CAT ID# 27625-20456 IRY06097S	1980	REPLACEMENT	NO

7. Description of Work REPLACED SNUBBER IRY06097S
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Functional Test
VF-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

WR 990215147-01

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

Owner or Owner's Designee, Title

Date 10/18, 2000

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 10/2/00 to 10/26/00, 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

111-1754

National Board, State Province, and Endorsements

Date 10/30, 20 00

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 10/08/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990126068-02
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 Steam Generator Blowdown (SD)
5. (a) Applicable Construction Code Section III 1974 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)
Valve Plug	Masonite (Crucible Steel)	X15727-118	n/a	1SD002D	1979	Repaired	No

7. Description of Work: Machine Seating Surface of Valve Plug in 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

WR 990126069-02

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] ISI Engr
Inspector or Owner's Designee, Title

Date 11/28, 2000

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 10/6/00 to 11/28/00, 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 126-1754

National Board, State Province, and Endorsements

Date Nov. 29, 2000

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 10/07/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990214694-01
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 Steam Generator Blowdown (SD)
5. (a) Applicable Construction Code Section III 1974 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)
Valve Plug	Masoneilan-Dresser Industries	Ht No. A12478-7	n/a	1SD002C	1988	Repaired	Yes

7. Description of Work: Machine Seating Surface of Valve Plug in 1SD002C
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 990214694-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

[Signature] ISI Eng
Owner or Owner's Designee, Title

Date 11/23, 2000

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 10/4/00 to 11/29/00, 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

ILL-1254

National Board, State Province, and Endorsements

Date Nov. 29, 2000

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 12/2/99
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL **Work Request No. 990019922**
Address
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 77 Edition, W'77 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)
28" Expansion Bellows guard clip	Pathways Bellows Inc.	D-2-4815-N2-1373	N/A	epn: 1RH01SB	1978	Repaired	Yes

7. Description of Work Removed cracked fillet weld for guard clip attachment and rewelded
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks WR # 990019922

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]* ISI Engr. Date 2-29, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 12/6/99 to 3/1/00, 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] Commissions ILL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date March 01, 2000

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 10/01/00
Name
One First National Plaza, Chicago, Il. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 990105910-01
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 SI - SAFETY INJECTION
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)
LVE DISC ASM.	WESTINGHOUSE	2064	W10383 (VALVE)	EPN: 1S18818D	1975	REPLACED	YES <u>No</u>
VALVE DISC ASM.	WESTINGHOUSE	6433	N/A	N/A 1S18818D	1981	REPLACEMENT	YES <u>No</u>

7. Description of Work REPLACE DISC ARM ASSEMBLY. - 1S18818D
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

N/A Other ☐ Pressure 620 psi Test Temp. Ambient °F
SR 10/7/00

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 990105910-01

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]

ISI Engr

Date

10/13, 2000

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 9/30/00 to 10/16/00 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

12L-1254

National Board, State Province, and Endorsements

Date

10/16

, 2000

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 10/01/00
Name
One First National Plaza, Chicago, IL
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. 990212359-01
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 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	Kerotest Manufacturing	KYA1-20	7757	ISI8819A	1975	Replaced	Yes
2" Pipe	Guyon Alloys	HT No. 744927	n/a	ISI18FA-2"	1977	Replaced	No
2" Pipe	Guyon Alloys	Ht No. 744927	n/a	ISI18EA-2"	1977	Replaced	No
2" 90 Deg Elbow	Alloy Stainless Products	Ht Code PI	n/a	ISI18FA-2"	1977	Replaced	No
Check Valve w/ 2" Pipe Nipples	Kerotest Valve	FAT 1-1	37542	ISI8819C ISI18FA-2" ISI18EA-2"	1998	Replacement	Yes
2" 90 Deg Elbow	Alloy Stainless Products	Ht Code AJ1	N/a	ISI18FA-2"	1997	Replacement	No

7. Description of Work: Replace check Valve and associated pipe and elbow. 1518819A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 820 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 Invoked Code Case N-416-1 WR 990212359-01
Applicable Manufacturer's Data Reports to be attached

No. 3 from front page - Work performed by: DWIP International Inc.,
2300 E. Vernon Ave
Vernon, CA 90058
Check vlv + pipe nipples were welded by DWIP International,
see attached data report.

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

ISI - Engr

Date 11/30, 2000

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 9/28/00 to 12/1/00, 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 12L-1754
National Board, State Province, and Endorsements

Date Dec. 1, 2001

Replacement

* REVISED COPY
1/12/98

FORM NPP-1 CERTIFICATE HOLDERS' DATA REPORT FOR FABRICATED
NUCLEAR PIPING SUBASSEMBLIES*

Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Fabricated and certified by BW/IP INTERNATIONAL INC 2300 EAST VERNON AVE., VERNON, CA. 90058
(Name and address of NPT Certificate holder)
2. Fabricated for COMMONWEALTH EDISON CO. BYRON STATION 4450 N. GERMAN CHURCH RD. BYRON, IL 61010
(Name and address)
3. Location of installation COMMONWEALTH EDISON CO. BYRON STATION 4450 N. GERMAN CHURCH RD. BYRON, IL 61010
(Name and address of Purchaser)
4. Type 332104 N/A W-D-9911-(1) REV E N/A 1998
(Cert. holder's serial no.) (CA#) (Drawing no.) (Net l. Bd. no.) (Year Shutt)
5. ASME Code, Section III, Division 1: 1971 WINTER 1972 1 N/A
(Edition) (Addenda date) (ICross) (ICase Case no.)
6. Shop hydrostatic test 5400-5450 psi at 67 °F (if performed)
7. Description of piping SA312 TYPE 304, 2ea 2" DIA X 18" LONG, SOCKET WELDED PIPES TO BODY PORTS
8. Certificate Holders' Data Reports properly identified and signed by commissioned inspectors have been furnished for the following items of this report:
KEROTEST 2" DIA CHECK VALVE, BODY SA182 TYPE F316, VALVE SN FAT 1-1 NR# 37542
9. Remarks: NAMEPLATE ATTACHED BY WIRE
- BW/IP JOB NO. 97ZV1197 PRESSURE CLASS: 1500# PART: PIPING SUBASSEMBLY
- * MEETS ASME SECTION III, 1974 EDITION, SUMMER 1975 ADDENDA CLASS 1

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that the fabrication of the described piping subassembly conforms to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1131 Expires JUNE 10, 1999
Date JAN 09, 1998 Name BW/IP INTERNATIONAL INC. Signed [Signature]
(NPT Certificate holder) (Authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CALIFORNIA and employed by ARROWRIGHT MUTUAL INS. CO. FACTORY MUTUAL ENGINEERING ASSOCIATION of NORWOOD, MASS. have inspected the piping subassembly described in this

Data Report on JAN 09 1998 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated this piping subassembly in accordance with the ASME Code, Section III, Division 1.

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

Date JAN 09 1998 Signed [Signature] Commissions NB-1, IS CH 1864
(Authorized inspector) (Net l. Bd. inspec. endorsement and state of prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (ECCG621) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

RIN/QRI B 98-00183

CERTIFICATE OF AUTHORIZATION N-1131

CERTIFICATE OF AUTHORIZATION N-1131 June 10, 1999

By [Signature] Date 1-12-98
By [Signature] Date 1/12/98

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 9/29/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 970046020-01
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, 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)
Check Valve	Anderson Greenwood	N26911	n/a	ISX194	1992	Replaced	Yes
Check Valve	Anderson Greenwood	99-00359	n/a	ISX194	1999	Replacement	Yes
Studs	Pacer Alloys Inc	680-W-352	n/a	ISX194	1991	Replaced	No
Studs	Nova Machine Products	99694 NZD	n/a	ISX194	1999	Replacement	No

7. Description of Work: Replace Carbon Steel Check Valve with Stainless Steel Check Valve and Replace Studs
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 195 psi Test Temp. 90 °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 970046020-01

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.

report or replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

[Signature]

Inspector's Name, Title

Date 12/5 .2000

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 3/15/00 to 12/5/00 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

122-1154

National Board, State Province, and Endorsements

Date December 5 .2000

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 6/7/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 980020373-01
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 1978 Edition, W78 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 Ball	Sem Tec Inc. Energy Products	Ht Code N100S	n/a	1SX2166A v/v s/n 80-52894-5-55	1981	Replaced	Yes
Valve Ball	ITT Engineered Valves	Ht # 772163-22	n/a	1SX2166A	1999	Replacement	Yes

7. Description of Work: Replace Valve Ball in Valve 1SX2166A
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

WR 980020373-01

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.

report or replacement

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

Signed

[Signature] SMA
Owner or Owner's Designee, Title

Date

11/17 11/2000

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 12/2/86 to 11/29/87 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

Nov. 20 1986

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 10/3/00
Name
One First National Plaza, Chicago, Il.
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, Il. Work Request No. 970069116-01
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 [SX] ESSENTIAL SERVICE WATER 1-SX-2-N5
5. (a) Applicable Construction Code Section III 19 77 Edition, W/78 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
BALL	SEM TEC INC. ENERGY PROD.	80-52894-5-143	N/A	EPN:1SX2070 SI= 770F23	1981	REPLACED	YES
BALL	ITT ENG. VALVES	622335-1-2 643614-1-2	N/A	SI= 770F23; PN:016394 EPN:1SX2070	1998	REPLACEMENT	YES
COVER BOLTING	REC CORP.	N/A	N/A	EPN:1SX2070 VLV S/N:80-52894-5-34	1981	REPLACED	YES
COVER BOLTING	REC. CORP.	MRR 20070	N/A	SI= 799E34; MR 154121 WR = 910012316	1981	REPLACEMENT	NO

7. Description of Work REPLACE BALL AND/OR COVER BOLTING. - 1SX2070
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 WR 970069116-01
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

ISA Eng
Owner or Owner's Designee, Title

Date 10/17 2000

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 12/9/98 to 10/17/00 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.

J. A. ...
Inspector's Signature

Commissions

141-1254

National Board, State Province, and Endorsements

Date

10/17 2000

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 10/3/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL. Work Request No. 970069135-01
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] ESSENTIAL SERVICE WATER
5. (a) Applicable Construction Code Section III 19 77 Edition, W/78 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
BALL	SEM TEC INC. ENERGY PROD.	80-52894-5-67 LAST RPLCMNT	N/A	EPN: 1SX2073A SI# 770F23	1981	REPLACED	YES
BALL	ITT ENGINEER VALVES	666629-1-2	N/A	SI# 770F23 P/N: 016394	2000	REPLACEMENT	NO Yes
COVER BOLTING	REC CORP.	N/A	N/A	EPN: 1SX2073A VLV S/N: 8052894-5-47	1981	REPLACED	OR 10/11/00 YES NO
COVER BOLTING	REC CORP.	N/A MRR 20070	N/A	SI# 799E34-MR 154121 WR # 910012316-01	1981	REPLACEMENT	NO

7. Description of Work REPLACE BALL AND / OR COVER BOLTING - 1SX2073A
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 WR 970069135-01
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 10/17 192000
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 12/9/99 to 10/17/00, 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] Commissions ILL-1254
Inspector's Signature National Board, State Province, and Endorsements

Date 10/17, 192000

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 5/7/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 00
Address Work Request No. 980093916-01
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 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/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)
JACKET WATER FLANGE BOLTS	AMERICAN STANDARD	N/A	N/A	OSN03-AA COOLER FLANGE BOLTS	1978	REPLACED	No
JACKET WATER FLANGE BOLTS STUDS	NOVA Machine Products	HT Code-NZD HT# 99694	N/A	CATID= 25042 CAT ID= 37029	1999	REPLACEMENT	No
JACKET Water Flange Nuts	NOVA Machine Products	HT Code 107 Lot 35380070	N/A	OSX03AA Cooler	1996	Replacement	No

7. Description of Work REPLACE JACKET WATER COOLER SHELL SIDE NORTH FLANGE BOLTS WITH STUDS & 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

Applicable Manufacturer's Data Reports to be attached

WR 980093916-01

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

J. S. [Signature] ISI Engr
(Print Your Owner's Designee Title)

Date 10/16 10/2000

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 3/8/00 to 10/6/00 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.

J. [Signature]
Inspector's Signature

Commissions 1LL-1254

National Board, State Province, and Endorsements

Date 10/16 10/2000

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 8/6/99
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 00
Address Work Request No. 980106229-01
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-ESSENTIAL SERVICE WATER
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/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)
CHECK VALVE	ANDERSON GREENWOOD	A-3484		EPN 0SX143.A	1978	REPLACED	Yes
CHECK VALVE	ANDERSON GREENWOOD	97-61039		SI NUMBER 793D54	1998	REPLACEMENT	Yes
FLANGE STUDS	ANDERSON GREENWOOD	N05-2103-006 <i>12181 on 5/3/00</i>		EPN 0SX143.A	1978	REPLACED	<i>X NO</i>
FLANGE STUDS	ANDERSON GREENWOOD	QE57		PART OF SI NUMBER 793D54	1998	REPLACEMENT	<i>X NO</i>
FLANGE STUD NUTS	ANDERSON GREENWOOD	N05-2105-002 <i>12181 on 5/3/00</i>		EPN 0SX143.A	1978	REPLACED	No
FLANGE STUD NUTS	ANDERSON GREENWOOD	B-211		PART OF SI NUMBER 793D54	1998	REPLACEMENT	No

7. Description of Work REPLACE CHECK VALVE, Studs & Nuts
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 143 psi Test Temp. 78 °F

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

FORM NIS-2 (Back)

9. Remarks 122# 980106229
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]
Owner or Owner's Designee, Title

ISI Engr.

Date

5-3 19 2000
604 53.00

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 2/4/99 to 5/3/00, 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

122-1254

National Board, State Province, and Endorsements

Date May 3 19 2000

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 7/29/99
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 980126113-01
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 SX-Essential Service Water
5. (a) Applicable Construction Code Section III 19 77 Edition, W'78 Addenda, n/a Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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)
1½" Valve Ball	ITT Grinnell	Ball heat # 33653-194	n/a	EPN: 1SX2085 s/n 80-52894-4-34	1981	Replaced	Yes
1½" Valve Ball	ITT Grinnell	Ball heat # 772322	n/a	EPN: 1SX2085 s/n 80-52894-4-34	1998	Replacement	Yes <i>9/4</i>

7. Description of Work Replaced valve ball
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other. ☒ Pressure _____ psi Test Temp. _____ °F
1/5491

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 # 980126113

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 Eng. Date Oct 12, 19 99
Owner or Owner's Representative

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, Connecticut have inspected the components described in this Owner's Report during the period 12/1/99 to 12/14/99, 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 144-1254
Inspector's Signature National Board, State Province, and Endorsements

Date Oct. 12, 19 99

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 6/16/99
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 980128888-01
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 SX - Essential Service Water
5. (a) Applicable Construction Code Section III 19 77 Edition, W'78 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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)
Ball	ITT Grinnel Valve	Ball s/n 90-59126-1-2	n/a	EPN: 1SX2014C s/n 80-52894-5-51	1991	Replaced	Yes
Ball	ITT Grinnel Valve	Ball s/n 626456-1-1	n/a	EPN: 1SX2014C s/n 80-52894-5-51	1998	Replacement	Yes

7. Description of Work Replaced Ball on 2" Ball Valve - EPN 1SX2014C
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F
Visual

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 # 980128888-01

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 TS, Engr. Date Oct 12, 19 99

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, Connecticut have inspected the components described in this Owner's Report during the period 5/11/99 to 10/12/99, 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 Oct. 12, 19 99

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 5/8/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 1
Address Work Request No. 990031192-01
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) – Essential Service Water
5. (a) Applicable Construction Code Section III 19 77 Edition, W78 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
Ball	ITT Grinnell	33653-230	N/a	ISX2077B	1981	Replaced	No
Ball	ITT Engineered Valves	631449-2-2 HT 718053	N/a	ISX2077B Cut Code YQK	1999	Replacement	No

7. Description of Work Replace Ball in Valve ISX2077B per WR 990031192-01
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 WR 990031192-01

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

JJ Silva - Engr Programs
Inspector or Owner's Designee, Title

Date 7/11 .2000

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 7/1/00 to 7/6/00 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.

G. X. Buckle
Inspector's Signature

Commissions

126-1254

National Board, State Province, and Endorsements

Date July 11 .2000
in 7/6/00

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 ^{2000 9/27/00} 9/9/00 9/27/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Work Request No. 990082179-04
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 Essential Service Water (SX)
5. (a) Applicable Construction Code Section III 19 74 Edition, W'74 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989 w/ 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)
Impeller	Bingham Sulzer - Atlas Foundry	16210002 - 3/4 2778-77-9 Upper casing	NB-530	ISX01PB 176-77-3 Lower casing	1978	Repaired	Yes

7. Description of Work See Remarks
Performed weld repairs and/or blending to internal pump members. ISX01PB
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ SRS
N/A 11/17/00
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

WR 990032179-04

Applicable Manufacturer's Data Reports to be attached

Repair Wells Made to Upper Pump Casing and Cutwater Vane

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]

ISI-ENGR

Inspector or Owner's Designee, Title

Date

11/18

2000

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 9/25/00 to 11/21/00 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

121-1254

National Board, State Province, and Endorsements

Date

Nov. 21, 19 2000

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 2/24/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL **Work Request No. 990139745**
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 SX - Essential Service Water
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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)
Gearbox Pedestal	Johnston Pump	NJ-1946	n/a	OSX02PB (dwg. 46729-DN)	1979	Replacement	Yes

7. Description of Work Machined Base Plate per ER 9910130
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 144 psi Test Temp. 44 °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 # 990139745

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]* ISE Eng Date April 14, 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. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2/15/00 to 4/14/00, 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] Commissions 121-1754
Inspector's Signature National Board, State Province, and Endorsements

Date April 14, 20 00

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 2/24/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 00
Work Request No. 990143753
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 SX- Essential Service Water
5. (a) Applicable Construction Code Section III 19 74 Edition, S'75 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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)
Upper Seismic Restraint	Hunter Corp.	N/A	N/A	H-FSK-6-1 (0SX02PB)	1984	Replacement	No

7. Description of Work Modified Upper Seismic Support by trimming ring and attaching stand offs
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure VT-3/4 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 WR # 990143753

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] ISL Eng. Date 4-13, 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by H.S.B. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2/15/00 to 4/14/00, 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] Commissions 12L-1254

Inspector's Signature

National Board, State Province, and Endorsements

Date April 14, 2000

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 8/19/00
Name One First National Plaza, Chicago, IL
Address 4450 N. German Church Road, Byron, IL
2. Plant Byron Nuclear Power Station Unit 01
Name 4450 N. German Church Road, Byron, IL Work Request No. 990173884-01
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 [SX] ESSENTIAL SERVICE WATER [1-SX-2-N5]
5. (a) Applicable Construction Code Section III 19 74 Edition, S/75 Addenda N/A N 4/6-1 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)
2" PIPE	HUNTER CORP.	N/A	N/A	ISX58AA-2" DWG: S-SX-100-59	1984	REPLACED	NO
2" SW ELBOW	HUNTER CORP.	N/A	N/A	ISX58AA-2" DWG: S-SX-100-59	1984	REPLACED	NO
2" SW COUPLING	HUNTER CORP.	N/A	N/A	ISX58AA-2" DWG: S-SX-100-59	1984	REPLACED	NO
2" PIPE	CONSOLIDATED POWER SUPPLY	UTC# 0002063952	N/A	CAT. ID 0000047360 HT#698754 ISX58AA	1997	REPLACEMENT	NO
2" SW ELBOW	CONSOLIDATED POWER SUPPLY	UTC# 0002055992	N/A	CAT. ID 0000047207 LOT# 77763 ISX58AA	1997	REPLACEMENT	NO
2" SW TEE	CONSOLIDATED POWER SUPPLY	UTC# 0002063914	N/A	CAT. ID 0000024455 HT# R130N ISX58AA	1995	REPLACEMENT	NO
2X1-1/2" INSERT REDUCER	BONNEY FORGE	UTC# 0002063915	N/A	CAT. ID 0000027291 LOT# BR47 ISX58AA	1978	REPLACEMENT	NO
1-1/2" PIPE	CONSOLIDATED POWER SUPPLY	UTC# 0002019611	N/A	CAT. ID 0000024415 HT# 217644 ISX58AA	1997	REPLACEMENT	NO
2" GATE VALVE	FLOWERVE	S/N: E093T-2-2 UTC# 0002064027	E093T-1-2 N/A	CAT. ID 0001032249 P/NW0025571/ISX2199A	2000	REPLACEMENT	YES
1-1/2" GATE VALVE	FLOWERVE	S/N: E093T-2-2 UTC# 0002064096	N/A	CAT. ID 0001032250 P/N: W0025572	2000	REPLACEMENT	YES

(ISX-2200A)

7. Description of Work REPLACE 2" SX PIPE, U-BOLT & INSTALL NEW VLV'S/PIPE PER MOD DESIGN CHANGE
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

VT-3/4 Other ☐ Pressure 130 psi Test Temp. 84 °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 990173884-01
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]
Inspector or Owner's Designee, Title

ISI-ENGR

Date

11/6 192000

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 7/28/00 to 11/14/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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

11/06/00 192000

1101 1-557-21

(Final)

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 9/29/00
Name
One First National Plaza, Chicago, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL Work Request No. 990187062-01
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 ⁷⁷34 Edition, ^{W/77}S-76 Addenda, 1677 Code Case
9m 12/8/70
 (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)
Booster Pump	Hayward-Tyler	822102	148	ISX04P	1980	Replaced	Yes
Booster Pump	Hayward-Tyler	822101	147	CatId# 0000024885 <u>ISX04P</u>	<u>1980</u>	Replacement	Yes

7. Description of Work Replace pump assembly. ISX04P
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 73 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 990187042-01
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] ISA Engr Date 12/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by H.S.B. I.&I. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/6/00 to 12/8/00 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] Commissions 126-1254
Inspector's Signature National Board, State Province, and Endorsements

Date December 8, 2000

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 4/11/00
Name
One First National Plaza, Chicago, IL. Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 00
Name
4450 N. German Church Road, Byron, IL. Work Request No. 990040734
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 WO - Main Control Room Chiller
5. (a) Applicable Construction Code Section III 19 74 Edition, S'76 Addenda n/a Code Case 14/575 *
**
 (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)
OB Chiller Evap. Cover Bolts (5/8")	Carrier Corp.	Heat # Not Available	139923	epn: 0WO01CB s/n 202626	1978	Replaced	No
OB Chiller Evap. Cover Bolts (5/8")	Nova Machine Prod	Heat # 67741	139923	epn: 0WO01CB s/n 202626	2000	Replacement	No
MJ # 69 3/4" flange nuts	Hunter Corp.	Ht. Code: JLC	n a	epn: 0WO04AB-6"	1983	Replaced	No
MJ # 69 3/4" flange nuts	Nova Machine Prod	Heat # 8098740	n a	epn: 0WO04AB-6"	1995	Replacement	No

7. Description of Work Replaced damaged bolting material on chiller cover + MJ-69.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F
Visual exam.

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 # 990040734

Applicable Manufacturer's Data Reports to be attached

* For piping spool piece fasteners.

** Evaporator end cover fasteners.

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 *Joseph J. [Signature]* *IB Eng.* Date *May 1*, 20 *00*

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, Connecticut have inspected the components described in this Owner's Report during the period 4/1/00 to 5/1/00, 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.

J. R. [Signature] Commissions *ILL-1254*
Inspector's Signature National Board, State Province, and Endorsements

Date *May 1*, 20 *00*

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 4/6/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 00
Address Work Request No. 990047771
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 Chilled Water (WO)
5. (a) Applicable Construction Code Section III 19 80 Edition, S'75 Addenda, n/a Code Case
580 414 disc.
 (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)
1/2" SA-193-B7 Studs	Hunter Corp.	Heat Code G082	n/a	OWO136AA-1 1/2" MJ # 1A	1984	Replaced	No
1/2" SA-194-2H Nuts	Hunter Corp.	Heat Code G094	n/a	OWO136AA-1 1/2" MJ # 1A	1984	Replaced	No
1/2" SA-193-B7 Studs	Nova Machine Prod	Heat Code <u>KKZ</u> <u>Q 7-17463</u>	n/a	OWO136AA-1 1/2" MJ # 1A	2000	Replacement	No
1/2" SA-194-2H Nuts	Nova Machine Prod	Heat Code EVY	n/a	OWO136AA-1 1/2" MJ # 1A	1997	Replacement	No
1 1/2" Relief Valve Disc	Target RcoK	Disc s/n 203076	n/a	OWO028A a/n 1	1982	Replaced	Yes
1 1/2" Relief Valve Disc	Target RcoK	Disc s/n 32	n/a	OWO028A a/n 1	1999	Replacement	Yes

7. Description of Work Replaced Valve Disc and Bolting Material
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Visual 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 990047771-01

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 Eng.* Date 5-12, 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. I&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/5/00 to 5/12/00, 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.

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

Date May 12, 20 00

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 2/23/00
Name
One First National Plaza, Chicago, IL
Address
2. Plant Byron Nuclear Power Station Sheet 1 of 1
Name
4450 N. German Church Road, Byron, IL Unit 00
Address Work Request No. 980054318
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 29301 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System PP - Spare Component
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 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)
Disc Insert	Crosby Valve & Gage Co.	disc insert s/n N90349-34-0061	N/A	Spare Valve SI# 767G15 s/n N56964-00-0032	1976	Replaced	No
SI# 767D69 Disc Insert	Crosby Valve & Gage Co.	disc insert s/n N90349-78-0255	N/A	Spare Valve SI# 767G15 s/n N56964-00-0032	1986	Replacement	No

7. Description of Work Refurbishment of spare valve - see remarks on backside of this form
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks See attached NVR-1 form . NWS Technologies performed machining of spare valve disc seat, conducted
Applicable Manufacturer's Data Reports to be attached
LP exam of machined area, replaced original valve disc insert with replacement disc insert supplied by ComEd,
and performed set pressure testing of valve. This was documented on the attached NVR-1 form.

WR # 980054318

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 *Carol J. [Signature]* TBT Eng. Date 2-23, 20 00
Owner or Owner's Representative

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, Connecticut have inspected the components described in this Owner's Report during the period 6/25/98 to 7/24/00, 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.

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

Date 2/24, 20 00