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February 11, 2000

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United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Byron Station, Unit 2  
Facility Operating License No. NPF-66  
NRC Docket No. STN 50-455

SUBJECT: Byron Station Unit 2 Inservice Inspection Report for  
Interval 2, Period 1, Outage 1 (B2R08)

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 during Unit 2 last refuel cycle.

If there are any questions concerning this report, please contact Mr. B. J. Adams, Regulatory Assurance Manager, at (815) 234-5441, extension 2280.

Respectfully,

A handwritten signature in black ink, appearing to read "WLL" followed by a stylized flourish.

William Levis  
Site Vice President  
Byron Station

WL/JL/dpk

Attachment: Inservice Inspection Summary Report – B2R08

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

A047

bcc: NRC Project Manager – NRR – Byron Station  
Office of Nuclear Facility Safety – IDNS  
Nicholas Reynolds – Winston and Strawn  
Site Vice President – Byron Station  
Director, Licensing and Compliance – Braidwood and Byron Stations  
Vice President – Regulatory Services  
Regulatory Assurance Manager – Byron Station  
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# **B2R08**

<p><b>INSERVICE INSPECTION SUMMARY REPORT</b></p>
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*Fall  
1999  
Outage*

May 18, 1998  
to  
November 15, 1999

Commerical Service Date  
August 21, 1987

Document Completion Date  
February 10, 2000

ComEd  
P.O. Box 767  
Chicago, IL 60690

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



# **B2R08**

## **INSERVICE INSPECTION SUMMARY REPORT**

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## 1.0 INTRODUCTION

Inservice inspections of ASME Class 1, 2, 3, CC and MC components were conducted at Byron Station Unit 2 from May 18, 1998 through November 15, 1999. The majority of these inspections were performed during Byron Station Unit 2's eighth refueling outage (B2R08). The examinations were performed in compliance with the rules and regulations of Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1989 Edition, No Addenda, pursuant to the requirements of Title 10, Part 50.55a of the Code of Federal Regulations (i.e., 10CFR50.55a). This summary report will address inspection results of Class 1 and 2 components and piping, as required by the ASME Code, IWA-6000.

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 Subsections IWA, IWB, IWC, IWD, and IWF of Section XI, Division 1, of the ASME Code 1989 Edition, No Addenda. Subsections IWE and IWL were developed to the requirements of the 1992 Edition, 1992 Addenda. In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission augmented ISI inspections were required. The Byron Unit 2 augmented ISI examination requirements include:

- a) Class 1 pressure boundary, for leakage, at nominal operating pressure, in accordance with NRC Bulletin 88-05,
- b) Class 2 and 3 pressure boundary, for leakage, at nominal operating pressure, in accordance with NUREG 7.3.7,
- c) High energy lines in accordance with NUREG 0800, "Standard Review Plan", Section 6.6.

Physical testing of the Unit 2 containment post-tensioning system and visual examination of the post-tensioning anchorage hardware was performed in accordance with the 1992 Edition, 1992 Addenda of ASME Section XI, Section IWL, table IWL-2500-1 and Regulatory Guide 1.35, Revision 3. These examinations were the 15<sup>th</sup> year physical examinations required by Section XI, IWL-2421(b)(2). No conditions or degradation were observed that require reporting in this summary report as mandated by 10CFR50.55a.

### 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 "Examination Requirements," 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 personnel, or their designee, visually examined (VT-1, VT-2, VT3/4) ASME components. The components examined comply with the ISI Program Schedule, Byron Station Technical Specifications, and/or compliance with the ASME Section XI Repair/Replacement Program.

Certified personnel performed and evaluated all ISI examinations. Personnel were certified to the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition. The NDE procedures were developed and certified in conformance with ASME Section V and XI, 1989 Edition, as applicable.

Certified personnel performed and evaluated visual examinations (VT-1, VT-2, and VT-3/4) of class 1, 2, and 3 components and supports. Personnel were certified to ANSI N45.2.6-1973, and/or ASME Section XI 1989, as applicable.

All ISI examinations, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Sub-article 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 G. Feigel. 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 NDE/pressure tests/support examinations conducted during this cycle.

**2.1 ISI NDE Summary**

COMPONENT / SYSTEM BASIC DESCRIPTION	PIPING AND PUMPS						VESSEL WELDS						BOLTING / STUDS			INTERIOR SURFACES	
	PRESSURE RETAINING WELDS		ATTACHMENTS	AUGMENTED HELB ECCS NRCB 88-08 FLYWHEELS			GIRTH AND LONGITUDINAL	NOZZLES AND SAFE-ENDS		NOZZLE INNER RADIUS	ATTACHMENTS	INDICATION RESIZE	BOLTING / STUDS				
EXAMINATION METHOD SUR: SURFACE, VOL: VOLUMETRIC, VT: VISUAL	SUR	VOL		SUR	SUR	VOL		VT	VOL				SUR	VOL	VOL	SUR	VOL
Containment Spray (CS)	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chemical & Volume Control (CV)	29	4	0	-	-	-	-	-	-	-	-	-	-	-	0	-	-
Feedwater (FW)	6	6	1	0	9	-	-	-	-	-	-	-	-	-	-	-	-
Main Steam (MS)	5	4	1	6	13	-	-	-	-	-	-	-	-	-	-	-	-
Pressurizer & Piping* (PZR & RY)	0	0	0	0	0	0	0	0	1	1	0	-	-	-	0	0	-
Reactor Coolant (RC)	6	4	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-
Reactor Pressure Vessel (RPV)	-	-	-	-	-	-	0	0	0	0	-	-	0	0	0	0	0
Residual Heat Removal (RH)	11	11	0	-	-	-	0	0	0	-	0	0	-	-	0	0	0
Steam Generators (SG)	-	-	-	-	-	-	3	0	0	0	-	-	0	0	1	-	-
Safety Injection System (SI)	39	11	0	-	-	-	-	-	-	-	-	-	-	-	4	0	-
Essential Service Water (SX)	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>EXAM TYPE TOTAL</b>	<b>96</b>	<b>40</b>	<b>2</b>	<b>6</b>	<b>22</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>COMPONENT/EXAM TOTAL</b>	<b>166</b>						<b>5</b>						<b>5</b>			<b>0</b>	
<b>OUTAGE EXAM TOTAL</b>	<b>176</b>																
*Volumetric examinations on the Pressurizer Surge Nozzle replaced by VT-2 examinations as allowed by approved Relief Request I2R-03.																	

2.2 Component Support Summary

SYSTEM EXAMINED	CLASS	VT-1	VT-3/4	COMMENTS
Auxiliary Feedwater (AF)	2	-	-	
Containment Spray (CS)	2	-	-	
Chemical Volume Control (CV)	1	-	5	
	2	-	-	
Feedwater (FW)	2	-	-	
Main Steam (MS)	2	-	-	
PZR Surge & Vessel (RY)	1	-	1	
Reactor Coolant (RC)	1	-	3	
Residual Heat Removal (RH)	1	-	2	
	2	-	-	
Safety Injection (SI)	1	-	9	
	2	-	-	
Essential Service Water (SX)	2	-	2	
<b>TOTALS</b>		<b>0</b>	<b>22</b>	

2.3 Snubber Summary

SYSTEM EXAMINED	VT-3/4 EXAMINED	FUNCTIONAL TESTED	COMMENTS
Boric Acid Additive (AB)	-	-	
Component Cooling (CC)	-	-	
Containment Spray (CS)	6	4	
Chemical Volume Control (CV)	44	10	Replaced 1 Snubber
Diesel Oil (DO)	-	-	
Feedwater (FW)	23	7	
Main Steam (MS)	12	1	
Reactor Coolant (RC)	54	12	Replaced 1 Snubber
Residual Heat Removal (RH)	17	5	
Pressurizer Surge (RY)	20	5	
Steam Blowdown (SD)	13	2	
Safety Injection (SI)	20	3	
<b>TOTALS</b>	<b>209</b>	<b>49</b>	



**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		6	10	
Class 2 Piping, Pressure Retaining Boundary		30	16	8
Class 2 Pumps, Pressure Retaining Boundary		6	3	
Class 2 Valves, Pressure Retaining Boundary		29	17	6
<b>TOTALS</b>	<b>12</b>	<b>71</b>	<b>46</b>	<b>14</b>

A System Leakage Test (VT-2) was performed on the Class 1 Pressure Test Boundary prior to and subsequent to the Cycle 8 refueling outage, in accordance with NRC Bulletin 88-05 and ASME Section IWB-2500.

**2.5 Repair/Replacement Summary**

A total of 23 ASME Form NIS-2's "Owners Report for Repairs or Replacements" were filed during Byron Unit 2 Cycle 8 for Class 1 and 2. The following is a system summary of NIS-2's generated:

SYSTEM	NUMBER OF NIS-2 FORMS
Auxiliary Feedwater (AF)	3
Chemical Volume Control (CV)	6
Feedwater (FW)	1
Process Radiation Monitoring (PR)	2
Reactor Coolant (RC)	5
Residual Heat Removal (RH)	1
PZR Surge & Vessel (RY)	1
Safety Injection (SI)	1
Containment Purge (VQ)	2
Spare Valves	1

**OUTAGE INSPECTION SUMMARY**

SYSTEM: <b>Chemical Volume Control (CV)</b>			INTERVAL: <b>Second</b>		PERIOD: <b>First</b>			NOTES
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			
					SURFACE	VOLUME	VISUAL	
8-013	C5.21	2CV-20	2CV08AA-4"	C03	X	X		
8-018	C5.41	2CV-20	2CV08AA-4"	C04	X			
8-014	C5.21	2CV-21	2CV08BA-4"	C25	X	X		
8-015	C5.21	2CV-21	2CV09A-4"	C06	X	X		
8-078	B9.21	2RC-07	2CV10DB-3"	J02	X			
8-168	B9.21	2CV-06	2CV14FA-2"	J01	X			
8-169	B9.21	2CV-06	2CV14FA-2"	J02	X			
8-170	B9.21	2CV-06	2CV14FA-2"	J03	X			
8-171	B9.21	2CV-06	2CV14FA-2"	J04	X			
8-172	B9.21	2CV-06	2CV14FA-2"	J05	X			
8-173	B9.21	2CV-06	2CV14FA-2"	J06	X			
8-174	B9.21	2CV-06	2CV14FA-2"	J07	X			
8-017	C5.30	2CV-20	2CV42AA-2"	W-01	X			
8-007	B9.40	2CV-12	2CV45B-2"	W-11	X			
8-163	B9.40	2CV-02	2CV45B-2"	W-23	X			
8-006	B9.40	2CV-12	2CV45B-2"	W-02	X			
8-008	B9.40	2CV-13	2CVA3B-2"	W-27	X			
8-009	B9.40	2CV-13	2CVA3B-2"	W-33	X			
8-010	B9.40	2CV-15	2CVA3B-2"	W-57	X			
8-164	B9.40	2CV-05	2CVA3B-2"	W-70	X			
8-165	B9.40	2CV-05	2CVA3B-2"	W-71	X			
8-166	B9.40	2CV-05	2CVA3B-2"	W-79	X			
8-167	B9.40	2CV-05	2CVA3B-2"	W-84.01	X			
8-002	B9.40	2CV-08	2CVA5AA-2"	W-01	X			
8-003	B9.40	2CV-08	2CVA5AA-2"	W-03	X			
8-005	B9.40	2CV-11	2CVA6AA-2"	W-03	X			
8-175	B9.40	2RC-37	2CVA7AA-2"	W-01	X			
8-004	B9.40	2CV-09	2CVA7AB-2"	W-04	X			
8-016	C5.21	2CV-21	2CVJ4A-4"	C08	X	X		

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		Feedwater (FW)			INTERVAL:		Second	First	PERIOD:	
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			NOTES		
					SURFACE	VOLUME	VISUAL			
8-019	C5.51	2FW-02	2FW03DA-16"	C16	X	X				
8-020	C5.51	2FW-02	2FW03DA-16"	C15	X	X				
8-025	C5.51	2FW-11	2FW81AA-6"	C04	X	X				
8-026	C5.51	2FW-11	2FW81AA-6"	C05		X		HELB Augmented		
8-036	C5.51	2FW-12	2FW81AD-6"	C08		X		HELB Augmented		
8-037	C5.51	2FW-12	2FW81AD-6"	C09		X		HELB Augmented		
8-038	C5.51	2FW-12	2FW81AD-6"	C10		X		HELB Augmented		
8-039	C5.51	2FW-12	2FW81AD-6"	C11		X		HELB Augmented		
8-040	C5.51	2FW-12	2FW81AD-6"	C12		X		HELB Augmented		
8-041	C5.51	2FW-12	2FW81AD-6"	C13		X		HELB Augmented		
8-042	C5.51	2FW-12	2FW81BD-6"	COA		X		HELB Augmented		
8-043	C5.51	2FW-12	2FW81BD-6"	COB		X		HELB Augmented		
8-035	C3.20	2FW-11	2FW87CA-6"	C04	X			I2R-17		
8-022	C5.51	2FW-09	2FW87CA-6"	C29	X	X				
8-023	C5.51	2FW-09	2FW87CA-6"	C30	X	X				
8-024	C5.51	2FW-09	2FW87CA-6"	C32	X	X				

**OUTAGE INSPECTION SUMMARY**

SYSTEM: Main Steam (MS)				INTERVAL:	PERIOD: Second First			
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			NOTES
					SURFACE	VOLUME	VISUAL	
8-053	C05.051	2MS-04	2MS01BA-30¼"	C11	X	X		
8-046	C05.051	2MS-02	2MS01BD-30¼"	C01		X		HEL B Augmented
8-047	C05.051	2MS-02	2MS01BD-30¼"	C04		X		HEL B Augmented
8-049	C05.051	2MS-02	2MS01BD-30¼"	C07		X		HEL B Augmented
8-050	C05.081	2MS-02	2MS01BD-30¼"	C09	X			HEL B Augmented
8-054	HEL B	2MS-04	2MS01CA-30¼"	C01		X		HEL B Augmented
8-055	HEL B	2MS-04	2MS01CA-30¼"	C04		X		HEL B Augmented
8-056	C05.081	2MS-04	2MS07AA-28"	C03	X			
8-062	C03.020	2MS-04	2MS07AA-28"	E-3	X			
8-063	C05.051	2MS-04	2MS07AA-28"	C05	X	X		
8-064	C05.051	2MS-04	2MS07AA-28"	C10		X		HEL B Augmented
8-065	C05.081	2MS-04	2MS07AA-28"	C12A/B	X			HEL B Augmented, I2R-09
8-066	C05.081	2MS-04	2MS07AA-28"	C13A/B	X			HEL B Augmented, I2R-09
8-067	C05.081	2MS-04	2MS07AA-28"	C14A/B	X			HEL B Augmented, I2R-09
8-068	C05.081	2MS-04	2MS07AA-28"	C15A/B	X			HEL B Augmented, I2R-09
8-069	C05.081	2MS-04	2MS07AA-28"	C16A/B	X			HEL B Augmented, I2R-09
8-070	C05.051	2MS-04	2MS07AA-28"	C18	X	X		
8-048	C05.051	2MS-02	2MS07AD-28"	C01		X		HEL B Augmented
8-057	C05.051	2MS-04	2MS13AA-8"	C01		X		HEL B Augmented
8-058	C05.051	2MS-04	2MS13AA-8"	C02		X		HEL B Augmented
8-059	C05.051	2MS-04	2MS13AA-8"	C03		X		HEL B Augmented
8-060	C05.051	2MS-04	2MS13AA-8"	C04		X		HEL B Augmented
8-061	C05.051	2MS-04	2MS13AA-8"	C05	X	X		
8-051	C05.051	2MS-02	2MS143AD-12"	C01		X		HEL B Augmented
8-052	C05.051	2MS-02	2MS143AD-12"	C02		X		HEL B Augmented

**OUTAGE INSPECTION SUMMARY**

SYSTEM: <b>Pressurizer (PZR)</b>				INTERVAL:	PERIOD: <b>Second      First</b>			
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			NOTES
					SURFACE	VOLUME	VISUAL	
8-071	B3.110	2PZR-1	2RY-01-S	PN-01			X	12R-03
8-072	B3.120	2PZR-1	2RY-01-S	PN-01IR			X	12R-03





**OUTAGE INSPECTION SUMMARY**

SYSTEM: <b>Steam Generator (SG)</b>					INTERVAL: <b>Second</b>		PERIOD: <b>First</b>		NOTES
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE				
					SURFACE	VOLUME	VISUAL		
8-114	B2.40	2SG-01	2RC-01-BA	SGC-01		X			
8-115	C1.30	2SG-01	2RC-01-BA	SGC-02		X			
8-113	B7.30	2SG-01	2RC-01-BA	BLT 1-32			X		
8-176	C1.10	2SG-03	2RC-01-BB	SGC-03		X			



**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:			PERIOD:			NOTES
Safety Injection (SI)		Second			First			
OBS NUMBER	CODE ITEM	ISOMETRIC	COMPONENT/LINE IDENTIFICATION	COMPONENT / WELD NUMBER	EXAMINATION TYPE			
					SURFACE	VOLUME	VISUAL	
8-188	B9.40	2SI-21	2SI03DA-2"	W-09	X			
8-189	B9.40	2SI-21	2SI03DA-2"	W-10	X			
8-190	B9.40	2SI-21	2SI03DA-2"	W-12	X			
8-191	B9.40	2SI-21	2SI03DA-2"	W-13	X			
8-177	B9.40	2SI-02	2SI03FA-2"	W-06	X			
8-178	B9.40	2SI-02	2SI03FA-2"	W-07	X			
8-181	B9.11	2SI-11	2SI04D-8"	J03	X	X		
8-182	B9.11	2SI-11	2SI04D-8"	J04	X	X		
8-183	B9.11	2SI-11	2SI04D-8"	J05	X	X		
8-127	C5.11	2SI-04	2SI05CA-8"	C03	X	X		
8-128	C5.11	2SI-04	2SI05CA-8"	C04	X	X		
8-129	C5.11	2SI-04	2SI05CA-8"	C06	X	X		
8-130	C5.11	2SI-04	2SI05CA-8"	C07	X	X		
8-131	C5.11	2SI-04	2SI05CA-8"	C10	X	X		
8-132	C5.11	2SI-04	2SI05CA-8"	C11	X	X		
8-157	C5.21	2SI-39	2SI08B-4"	C05	X	X		
8-158	C5.21	2SI-39	2SI08CB-4"	C01	X	X		
8-179	B9.21	2SI-08	2SI08FA-3"	J32	X			
8-180	B9.21	2SI-08	2SI08FA-3"	J33	X			
8-141	B9.40	2SI-19	2SI08GA-1½"	W-04	X			
8-142	B9.40	2SI-19	2SI08HA-2"	W-01	X			
8-143	B9.40	2SI-19	2SI08HA-2"	W-02	X			
8-144	B9.40	2SI-19	2SI08HA-2"	W-05	X			
8-145	B9.40	2SI-19	2SI08HA-2"	W-06	X			
8-184	B7.50	2SI-18	2SI08HB-2"	FLG 1-8			X	
8-185	B7.50	2SI-20	2SI08HC-2"	FLG 1-8			X	
8-186	B7.50	2SI-20	2SI08HD-2"	FLG 1-8			X	
8-152	B9.40	2SI-31	2SI08JA-1½"	W-23	X			
8-153	B9.40	2SI-31	2SI08JA-1½"	W-24	X			
8-154	B9.40	2SI-31	2SI08JA-1½"	W-28	X			
8-155	B9.40	2SI-31	2SI08JA-1½"	W-31	X			
8-156	B9.40	2SI-31	2SI08JA-1½"	W-32	X			
8-146	B9.40	2SI-19	2SI08JA-1½"	W-01	X			
8-147	B9.40	2SI-19	2SI08JA-1½"	W-02	X			
8-148	B9.40	2SI-19	2SI08JA-1½"	W-03	X			
8-149	B9.40	2SI-19	2SI08JA-1½"	W-14	X			
8-150	B9.40	2SI-19	2SI08JA-1½"	W-15	X			
8-151	B9.21	2SI-20	2SI08JD-1½"	J10	X			
8-187	B7.50	2SI-20	2SI08JD-1½"	FLG 1-4			X	
8-192	B9.40	2SI-23	2SI18FA-2"	W-01	X			
8-193	B9.40	2SI-23	2SI18FA-2"	W-02	X			
8-194	B9.40	2SI-23	2SI18FA-2"	W-03	X			
8-195	B9.40	2SI-23	2SI18FA-2"	W-04	X			

OBS #	COMPONENT		CODE ITEM	OBSTRUCTED EXAM TYPE	OBSTRUCTION	% CRV	RELIEF REQUEST	REPORT #	COMMENTS
	LINE/VESSEL#	NUMBER							
9-125	2RC04AA-12"	J07	B9.11	PT/UT	Pipe to Valve Configuration	93.6%	-	UT-037	One-sided examination
9-100	2RH01AA-12"	J01	B9.11	PT/UT	Valve to Pipe Configuration	94.2%	-	UT-030	One-sided examination
9-114	2RC-01-BA	SGC-01	B2.40	UT	Hand Holes and Insulation Attachments	98.5%	-	UT-045 047 043	
9-115	2RC-01-BA	SGC-02	C1.30	UT	Hand Holes and Insulation Attachments	96.4%	-	UT-044 046 042	
9-176	2RC-01-BB	SGC-03	C1.10	UT	Hand Holes and Insulation Attachments	97.5%	-	UT-048 049 062 050 061	
9-123	2RC04AA-12"	J06	B9.11	PT/UT	Adjacent branch connection	98.8%	-	UT-036	Tee to Pipe Configuration









**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:		NOTES
<b>Safety Injection (SI)</b>		<b>Second</b>	<b>First</b>		
OBS NUMBER	COMPONENT IDENTIFICATION	CODE CLASS	EXAMINATION TYPE		
			VT-1	VT-3/4	
12	2RH02018X	1		X	
13	2RH02023X	1		X	
14	2SI01008X	1		X	
15	2SI01013X	1		X	
16	2SI24001X	1		X	
17	2SI24005X	1		X	
18	2SI24006X	1		X	
19	2SI24009X	1		X	
20	2SI24011X	1		X	





**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:		PERIOD:
<b>Snubbers, All Systems</b>		<b>Second</b>		<b>First</b>
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3/4	FUNCTIONAL	
001	2CS03A007S	X		
002	2CS03A012S	X		
003	2CS03B018S	X	X	
004	2CS03B022S	X	X	
005	2CS03B062S	X	X	Expansion sample due to the failure of 2CV25019S
006	2CS08015S	X	X	
007	2CV02002S	X		
008	2CV02006S	X		
009	2CV02009S	X		
010	2CV03002S	X	X	Expansion sample due to the failure of 2CV08021S
011	2CV03009S	X		
012	2CV04002S	X		
013	2CV04012S	X	X	
014	2CV04015S	X		
015	2CV06004S	X		
016	2CV08006S	X	X	
017	2CV08010S	X	X	
018	2CV08011S	X	X	Expansion sample due to the failure of 2CV25019S
019	2CV08013S	X	X	Expansion sample due to the failure of 2CV08021S
020	2CV08021S	X	X	Failed Test, replaced snubber
021	2CV09026S	X		
022	2CV09028S	X		
023	2CV09029S	X		
024	2CV09031S	X		
025	2CV09033S	X		
026	2CV09034S	X		
027	2CV11003S	X		
028	2CV12006S	X		
029	2CV13005S	X	X	Expansion sample due to the failure of 2CV25019S
030	2CV13031S	X		
031	2CV13034S	X		
032	2CV14001S	X		
033	2CV14004S	X		
034	2CV15002S	X		
035	2CV15014S	X		
036	2CV15045S	X		
037	2CV15053S	X		
038	2CV15054S	X		
039	2CV15055S	X		
040	2CV22002S	X		
041	2CV22009S	X		
042	2CV23005S	X		
043	2CV23012S	X		
044	2CV24002S	X		
045	2CV24003S	X	X	Expansion sample due to the failure of 2CV25019S
046	2CV25012S	X		

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:		PERIOD:
<b>Snubbers, All Systems</b>		<b>Second</b>		<b>First</b>
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3/4	FUNCTIONAL	
047	2CV25016S	X	X	Expansion sample due to the failure of 2CV25019S
048	2CV25019S	X	X	Expansion sample due to the failure of 2CV08021S. Failed Test, replaced snubber
049	2CV25020S	X	X	
050	2CV25023S	X		
051	2CV25024S	X	X	
052	2CV25026S	X		
053	2CV27001S	X	X	
054	2CV29002S	X	X	
055	2CV31007S	X		
056	2CV31020S	X		
057	2CV34008S	X		
058	2CV36002S	X		
059	2CV36004S	X		
060	2CV36006S	X		
061	2CV40007S	X		
062	2CV40009S	X		
063	2CV41009S	X	X	Double Snubber
064	2CV41012S	X		
065	2CV50003S	X		
066	2CV61020S	X		
067	2CV64025S	X		
068	2CV65009S	X		
069	2CV66004S	X		
070	2CV66010S	X		
071	2FW02003S	X	X	Expansion sample due to the failure of 2CV08021S
072	2FW02012S	X	X	Expansion sample due to the failure of 2CV08021S
073	2FW02016S	X	X	Expansion sample due to the failure of 2CV08021S
074	2FW03012S	X		
075	2FW03016S	X		
076	2FW03017S	X	X	
77	2FW05022S	X		
78	2FW06002S	X		
79	2FW06005S	X		
80	2FW06008S	X		
81	2FW06013S	X		
82	2FW07004S	X		Double Snubber
83	2FW07005S	X		
84	2FW07006S	X		
85	2FW07014S	X		
86	2FW07019S	X		
87	2FW08005S	X	X	
88	2FW08006S	X	X	
89	2FW08007S	X	X	
90	2FW08018S	X		
91	2FW10001S	X		
92	2FW12001S	X		

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:		PERIOD:
<b>Snubbers, All Systems</b>		<b>Second</b>		<b>First</b>
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3/A	FUNCTIONAL	
93	2FW14002S	X		
94	2MS01074S	X		Double Snubber
95	2MS01079S	X		
96	2MS01083S	X		Double Snubber
97	2MS01088S	X		Double Snubber
98	2MS01092S	X		Double Snubber
99	2MS01097S	X		
100	2MS01101S	X		Double Snubber
101	2MS01106S	X		
102	2MS05007S	X		Double Snubber
103	2MS06007S	X		Double Snubber
104	2MS07006S	X	X	Double Snubber
105	2MS08007S	X		Double Snubber
106	2RC-01-BA-A	X		
107	2RC-01-BA-B	X		
108	2RC-01-BB-A	X		
109	2RC-01-BB-B	X		
110	2RC-01-BC-A	X		
111	2RC-01-BC-B	X		
112	2RC-01-BD-A	X	X	
113	2RC-01-BD-B	X		
114	2RC16001S	X	X	
115	2RC16002S	X		
116	2RC16004S	X		
117	2RC16006S	X		
118	2RC16009S	X	X	
119	2RC16011S	X		
120	2RC16012S	X		
121	2RC16013S	X		
122	2RC17002S	X		
123	2RC17003S	X		
124	2RC17008S	X	X	
125	2RC17015S	X	X	
126	2RC17018S	X	X	
127	2RC18001S	X		
128	2RC18003S	X		
129	2RC18007S	X		
130	2RC18009S	X		
131	2RC18014S	X		
132	2RC90A001S	X		
133	2RC90B008S	X		
134	2RC90C015S	X	X	
135	2RC90D022S	X		
136	2RC91001S	X		
137	2RC92002S	X		
138	2RH02002S	X		

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:		PERIOD:
<b>Snubbers, All Systems</b>		<b>Second</b>		<b>First</b>
OBS NUMBER	COMPONENT/LINE IDENTIFICATION	EXAMINATION TYPE		COMMENTS
		VT-3/4	FUNCTIONAL	
139	2RH02003S	X		
140	2RH02013S	X		
141	2RH02059S	X		
142	2RH02061S	X		
143	2RH02068S	X		
144	2RH02107S	X		
145	2RH02111S	X		
146	2RH02115S	X		
147	2RH02116S	X		
148	2RH02117S	X		
149	2RH02120S	X		
150	2RH02121S	X		
151	2RH07003S	X	X	Expansion sample due to the failure of 2CV25019S
152	2RH07006S	X	X	Expansion sample due to the failure of 2CV08021S
153	2RH07011S	X	X	Expansion sample due to the failure of 2CV08021S
154	2RH07012S	X	X	Expansion sample due to the failure of 2CV08021S
155	2RH07013S	X	X	
156	2RH07017S	X		Double Snubber
157	2RY05003S	X		
158	2RY05010S	X	X	
159	2RY06011S	X		
160	2RY06013S	X	X	
161	2RY06015S	X		
162	2RY06017S	X		
163	2RY06018S	X	X	
164	2RY06020S	X		
165	2RY06025S	X		Double Snubber
166	2RY06076S	X		
167	2RY06114S	X		
168	2RY06116S	X		
169	2RY09001S	X		
170	2RY09005S	X		
171	2RY09012S	X		
172	2RY09060S	X	X	Expansion sample due to the failure of 2CV08021S
173	2RY09067S	X	X	Expansion sample due to the failure of 2CV08021S
174	2RY09077S	X		
175	2RY09078S	X		
176	2RY09100S	X	X	Expansion sample due to the failure of 2CV25019S
177	2RY09101S	X		
178	2RY27016S	X		
179	2SD01003S	X		
180	2SD01005S	X		
181	2SD02004S	X		
182	2SD03001S	X	X	Expansion sample due to the failure of 2CV08021S
183	2SD03002S	X		
184	2SD05002S	X		Double Snubber



**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	First			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
<b>CLASS 1 COMPONENTS</b>						
B15.10	Reactor Vessel Pressure Retaining Boundary 2RC01R	X				1, 4
B15.20	Pressurizer Pressure Retaining Boundary 2RY01S	X				1, 4
B15.30	Steam Generator Press. Retaining Boundary					
	2RC01BA	X				1, 4
	2RC01BB	X				1, 4
	2RC01BC	X				1, 4
	2RC01BD	X				1, 4
B15.50	Class 1 Piping Pressure Retaining Boundary	X				1
B15.60	Class 1 Pumps Pressure Retaining Boundary					
	2RC01PA	X				1
	2RC01PB	X				1
	2RC01PC	X				1
	2RC01PD	X				1
B15.70	Class 1 Valves Pressure Retaining Boundary	X				1, 4
<b>CLASS 2 COMPONENTS</b>						
C2.33	Nozzle-to-Shell (or Head) When Inside of					
	2RH02AA RH-2-1		X			
	2RH02AB RH-2-2		X			
C7.10	Pressure Vessels Pressure Retaining					
	Chemical & Volume Control:					
	2CV02F CV-2-4			X		
	2CV02A CV-2-4			X		
	2CV01FA CV-2-5			X		
	2CV01FB CV-2-5			X		
	2CV04AA CV-2-5			X		
	2CV04AB CV-2-5			X		
	2CV01T CV-2-5			X		
	2CV05A CV-2-5			X		
	2CV01AA CV-2-8		X	X		
	2CV01AB CV-2-8		X	X		
	Residual Heat Removal:					
	2RH02AA RH-2-1		X			
	2RH02AB RH-2-2		X			

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	First			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				NOTE
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	
C7.30	Piping, Pressure Retaining Boundary:					
	Containment Spray:					
	CS-2-1		X			
	CS-2-2		X			
	Chemical & Volume Control:					
	CV-2-1				X	
	CV-2-2				X	
	CV-2-3				X	3
	CV-2-4				X	
	CV-2-5				X	
	CV-2-6					4
	CV-2-7			X		
	CV-2-8			X	X	4
	CV-2-9			X		
	CV-2-10				X	
	Fuel Pool Cooling:					
	FC-2-1			X		
	Fire Protection:					
	FP-2-1				X	
	Instrument Air:					
	IA-2-1				X	X
	Process Rad. Monitoring:					
	PR-2-2					X
	Process Sampling:					
	PS-2-3			X		
	PS-2-4			X		
	PS-2-5			X		
	PS-2-6			X		
	Reactor System:					
	RC-2-1				X	4
Reactor Building Equip. Drains:						
RE-2-1					X	
RE-2-2					X	
RE-2-3					X	
Reactor Building Floor Drains:						
RF-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			

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	First			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
C7.30 (cont'd)	Pressurizer:					
	RY-2-1			X		
	RY-2-2			X		
	RY-2-3			X		
	RY-2-4			X		
	Service Air:					
	SA-2-1		X		X	
	Safety Injection:					
	SI-2-1			X		
	SI-2-2			X		
	SI-2-3			X		
	SI-2-6			X		
	SI-2-7			X		
	SI-2-8			X		
	SI-2-9				X	X
	Containment Purge:					
	VQ-2-1			X		
	VQ-2-2			X		
	VQ-2-3			X		
	VQ-2-4			X		
	VQ-2-5			X		
	VQ-2-6			X		
	Make-Up Demin:					
WM-2-1			X			
Chilled Water:						
WO-2-1				X		
WO-2-2				X		
C7.50	Pumps, Pressure Retaining Boundary					
	Containment Spray:					
	2CS01PA CS-2-1		X			
	2CS01PB CS-2-2		X			
	Chemical & Volume Control:					
	2CV01PA CV-2-1			X		
	2CV01PB CV-2-2			X		
	2CV02P CV-2-3			X	3	
	Residual Heat Removal:					
	2RH01PA RH-2-1		X			
	2RH01PB RH-2-2		X			
	Safety Injection:					
	2SI01PA SI-2-1		X			
	2SI01PB SI-2-2		X			



**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	First			
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			
	Chemical & Volume Control:					
	CV-2-1			X		
	CV-2-2			X		
	CV-2-3			X		3
	CV-2-4			X		
	CV-2-5			X		
	CV-2-6					4
	CV-2-7		X			
	CV-2-8		X	X		4
	CV-2-9		X			
	CV-2-10			X		
	Fuel Pool Cooling:					
	FC-2-1		X			
	Fire Protection:					
	FP-2-1			X		
	Instrument Air:					
	IA-2-1			X		
	Process Rad. Monitoring:					
	PR-2-2				X	
	Process Sampling:					
	PS-2-3		X			
	PS-2-4		X			
	PS-2-5		X			
	PS-2-6		X			
	Reactor System:					
	RC-2-1			X		4
	Reactor Building Equip. Drains:					
	RE-2-1				X	
	RE-2-2				X	
	RE-2-3				X	
	Reactor Building Floor Drains:					
	RF-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			

**OUTAGE INSPECTION SUMMARY**

SYSTEM:		INTERVAL:	PERIOD:			
Pressure Tests, All Systems		Second	First			
CODE ITEM NUMBER	EXAMINATION ITEM/AREA (NOTE 2)	EXAMINATION TYPE				
		LEAK	FUNCTIONAL	INSERVICE	PNEUMATIC	NOTE
C7.70 (cont'd)	Pressurizer:					
	RY-2-1			X		
	RY-2-2			X		
	RY-2-3			X		
	RY-2-4			X		
	Service Air:					
	SA-2-1				X	
	Safety Injection:					
	SI-2-1		X			
	SI-2-2		X			
	SI-2-3		X			
	SI-2-6		X			
	SI-2-7		X			
	SI-2-8		X			
	SI-2-9				X	
	Containment Purge:					
	VQ-2-1		X			
	VQ-2-2		X			
	VQ-2-3		X			
	VQ-2-4		X			
VQ-2-5		X				
VQ-2-6		X				
Make-Up Demin:						
WM-2-1			X			
Chilled Water:						
WO-2-1				X		
WO-2-2				X		

NOTE 1 The ASME Class 1 Pressure Boundry Leakage Test (VT-2) was performed on 10/23/99 and 11/13/99 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 subsequent revised On-Site review 93-006.

NOTE 4 Insulation was removed from bolted connections on ssysytems that are borated for the purpose of controlling reactivity in accordance with IWA-5242 and in a depressurized condition allowed by relief request I2R-11, Rev. 2.



# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C5.51 2FW03DA-16"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C5.51 2FW81AA-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2FW81AA-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2FW81AD-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2FW81BD-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C3.20 2FW87CA-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable
C5.51 2FW87CA-6"	Hunter Corporation	2-FW-1-N5	Not Applicable	Not Applicable

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C5.51 2MS01BA-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2MS01BD-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.81(AUG) 2MS01BD-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
HELB 2MS01CA-30¼"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C3.20 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.81 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.81(AUG) 2MS07AA-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2MS07AD-28"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51 2MS13AA-8"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2MS13AA-8"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable
C5.51(AUG) 2MS143AD-12"	Hunter Corporation	2-MS-1-N5	Not Applicable	Not Applicable

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

- 1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690  
(Name and Address of Owner)
- 2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010  
(Name and Address of Plant)
- 3. Plant Unit: Two (2)
- 4. Owner Certificate of Authorization: N/A
- 5. Commercial Service Date: 08/21/87
- 6. National Board Number of Unit: N-200
- 7. Components Inspected: Pressurizer Vessel (PZR)

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

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Reactor Coolant System Piping and Pumps (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B9.11 2RC04AA-12"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable
B9.21 2RC37A-3"	Hunter Corporation	2-RC-1-N5	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

7. Components Inspected: Residual Heat Removal System Piping (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B9.11 2RH01AA-12"	Hunter Corporation	2-RH-1-N5	Not Applicable	Not Applicable



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(Name and Address of Owner)

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(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Safety Injection System Piping and Valves (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B9.40 2SI03DA-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.40 2SI03FA-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.11 2SI04D-8"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
C5.11 2SI05CA-8"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
C5.21 2SI08B-4"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
C5.21 2SI08CB-4"	Hunter Corporation	2-SI-2-N5	Not Applicable	Not Applicable
B9.21 2SI08FA-3"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.40 2SI08GA-1½"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.40 2SI08HA-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B7.50 2SI08HB-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B7.50 2SI08HC-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B7.50 2SI08HD-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.40 2SI08JA-1½"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B7.50 2SI08JD-1½"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.21 2SI08JD-1½"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable
B9.40 2SI18FA-2"	Hunter Corporation	2-SI-1-N5	Not Applicable	Not Applicable

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(Name and Address of Plant)
  
- 3. Plant Unit: Two (2)
  
- 4. Owner Certificate of Authorization: N/A
  
- 5. Comercial Service Date: 08/21/87
  
- 6. National Board Number of Unit: N-200
  
- 7. Components Inspected: Steam Generators (SG)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B2.40 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
B7.30 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
C1.30 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
C1.10 2RC-01-BB	Westinghouse Corporation	2096	U-201436	16

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Component Supports 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
Support	Hunter Corporation	2CV11004X	Not Applicable	Not Applicable
Support	Hunter Corporation	2CV11005X	Not Applicable	Not Applicable
Support	Hunter Corporation	2CV25011X	Not Applicable	Not Applicable
Support	Hunter Corporation	2CV25013X	Not Applicable	Not Applicable
Support	Hunter Corporation	2CV25014X	Not Applicable	Not Applicable





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(Name and Address of Owner)
  
- 2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010  
(Name and Address of Plant)
  
- 3. Plant Unit: Two (2) 4. Owner Certificate of Authorization: N/A
  
- 5. Commercial Service Date: 08/21/87 6. National Board Number of Unit: N-200
  
- 7. Components Inspected: Component Supports for the Pressurizer Spray System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Support	Hunter Corporation	2RY06021V	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Comercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

7. Components Inspected: 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
Support	Hunter Corporation	2RH02018X	Not Applicable	Not Applicable
Support	Hunter Corporation	2RH02023X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI01008X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI01013X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI24001X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI24005X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI24006X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI24009X	Not Applicable	Not Applicable
Support	Hunter Corporation	2SI24011X	Not Applicable	Not Applicable





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(Name and Address of Owner)
2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010  
(Name and Address of Plant)
3. Plant Unit: Two (2)                                      4. Owner Certificate of Authorization: N/A
5. Comercial Service Date: 08/21/87                                      6. National Board Number of Unit: N-200
7. Components Inspected: Snubbers for the Containment Spray System (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2CS03A007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CS03A012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CS03B018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CS03B022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CS03B062S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CS08015S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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	2CV02002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV02006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV02009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV03002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV03009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV04002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV04012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV04015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV06004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV08006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV08010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV08011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV08013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV08021S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV09026S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV13034S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV15054S	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: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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	2CV40009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV41009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV41012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV50003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV61020S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV64025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV65009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV66004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV66010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06116S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

7. Components Inspected: Snubbers for the Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2FW02003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW02012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW02016S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW03012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW03016S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW03017S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW05022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW06002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW06005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW06008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW06013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW07004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW07005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW07006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW07014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW07014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW08005S	Not Applicable	Not Applicable

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(Name and Address of Owner)
  
- 2. Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010  
(Name and Address of Plant)
  
- 3. Plant Unit:** Two (2)    **4. Owner Certificate of Authorization:**    N/A
  
- 5. Commercial Service Date:** 08/21/87    **6. National Board Number of Unit:**    N-200
  
- 7. Components Inspected:** Snubbers for the Feedwater System (FW) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2FW08006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW08007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW08018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW10001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW12001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2FW14002S	Not Applicable	Not Applicable

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(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

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	2MS01074S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01079S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01083S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01088S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01092S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01097S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01101S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS01106S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS05007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS06007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS07006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2MS08007S	Not Applicable	Not Applicable





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(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Snubbers for the Reactor Coolant System (RC) con't

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2CV25023S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2CV25024S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BA-A	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BA-B	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BB-A	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BB-B	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BB-B	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BC-B	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BD-A	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC01BD-B	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC16013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC17002S	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: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Snubbers for the Reactor Coolant System (RC) con't

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2RC17003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC17008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC17015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC17018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC18001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC18003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC18007S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC18009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC18014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC90A001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC90B008S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC90C015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC90D022S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RC92002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06015S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06017S	Not Applicable	Not Applicable

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3. Plant Unit: Two (2)
4. Owner Certificate of Authorization: N/A
5. Comercial Service Date: 08/21/87
6. National Board Number of Unit: N-200
7. Components Inspected: 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	2RH02002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02059S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02068S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02107S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02115S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02116S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02117S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02120S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02121S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07006S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07011S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH07017S	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: Two (2)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: 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	2RC91001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY05003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY05010S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06011S	Not Applicable	Not Applicable
Support	Hunter Corporation	2RY06013S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06020S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06025S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06076S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY06114S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09012S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09060S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09067S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09077S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RY09078S	Not Applicable	Not Applicable



# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

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	2SD01003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD01005S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD02004S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD03001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD03002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD05002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD05003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD06001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD11002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD21034S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD21036S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD22019S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SD24026S	Not Applicable	Not Applicable

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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	2RH02061S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2RH02111S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI01023S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI03001S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI03003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI03009S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI03014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI03018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI06240S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI06266S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI09002S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI09014S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI13026S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI13027S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI16037S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI18A049S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI20001S	Not Applicable	Not Applicable

**B2R08**

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS**

As Required by the Provisions of the ASME Code Rules

- 1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690  
(Name and Address of Owner)
  
- 2. Plant: Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010  
(Name and Address of Plant)
  
- 3. Plant Unit: Two (2)
- 4. Owner Certificate of Authorization: N/A
  
- 5. Comercial Service Date: 08/21/87
- 6. National Board Number of Unit: N-200
  
- 7. Components Inspected: Snubbers for the Safety Injection System (SI) cont'd

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Snubber	Hunter Corporation	2SI20003S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI22018S	Not Applicable	Not Applicable
Snubber	Hunter Corporation	2SI22020S	Not Applicable	Not Applicable



# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Class 1 System Pressure Tests

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
B15.10 2RC-01-R	Westinghouse Corporation	640-0004-51	B-09062	N-200
B15.20 2RY-01-S	Westinghouse Corporation	1741	U-201441	W13582
B15.30 2RC-01-BA	Westinghouse Corporation	2095	U-201435	15
B15.30 2RC-01-BB	Westinghouse Corporation	2096	U-201436	16
B15.30 2RC-01-BC	Westinghouse Corporation	2097	U-201437	17
B15.30 2RC-01-BD	Westinghouse Corporation	2098	U-201438	18
B15.50 Class 1 Piping	Hunter Corporation	N/A	N/A	N/A
B15.60 2RC-01-PA	Westinghouse Corporation	14-115E121-G01	N/A	15
B15.60 2RC-01-PB	Westinghouse Corporation	10-115E121-G01	N/A	12
B15.60 2RC-01-PC	Westinghouse Corporation	11-115E121-G01	N/A	13
B15.60 2RC-01-PD	Westinghouse Corporation	13-115E121-G01	N/A	14
B15.70 Class 1 Valves	Hunter Corporation	N/A	N/A	N/A

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

7. Components Inspected: Class 2 System Pressure Tests

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C2.33 2RH-02-AA	Joseph Oat Corporation	2267-1C	U-201439	838
C2.33 2RH-02-AB	Joseph Oat Corporation	2267-1D	U-201440	839
C7.10 2CV01AA	ATLAS Manufacturing	3199	U-201403	2577
C7.10 2CV01AB	ATLAS Manufacturing	3200	U-201404	2578
C7.10 2CV01FA	Pall Trinity Micro	38306	N/A	21088
C7.10 2CV01FB	Pall Trinity Micro	38308	N/A	21090
C7.10 2CV01T	Westinghouse Corporation	N/A	U-201407	186
C7.10 2CV02A	ATLAS Manufacturing	3454	U-201408	2828
C7.10 2CV02F	Pall Trinity Micro	24728	N/A	12281
C7.10 2RH-02-AA	Joseph Oat Corporation	2267-1C	U-201439	838
C7.10 2RH-02-AB	Joseph Oat Corporation	2267-1D	U-201440	839
C7.10 2CV04AA	Westinghouse Corporation	J-2268-1C	U-201412	907
C7.10 2CV04AB	Westinghouse Corporation	J-2268-1D	U-201413	908
C7.10 2CV05A	ATLAS Manufacturing	3230	U-201414	2608
C7.30 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 CV-2-1	Hunter Corporation	N/A	N/A	N/A

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 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 IA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 PR-2-2	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

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 RC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 RE-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 RE-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 RE-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 RF-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 RY-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 RY-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 RY-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 RY-2-4	Hunter Corporation	N/A	N/A	N/A
C7.30 SA-2-1	Hunter Corporation	N/A	N/A	N/A

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.30 SI-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 SI-2-3	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 VQ-2-1	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-2	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-3	Hunter Corporation	N/A	N/A	N/A
C7.30 VQ-2-4	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

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Comercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.50 2CS-01-PA	Ingersoll Rand Corporation	1076124	N/A	341
C7.50 2CS-01-PB	Ingersoll Rand Corporation	1076125	N/A	342
C7.50 2CV-01-PA	Pacific Pump	49772	N/A	204
C7.50 2CV-01-PB	Pacific Pump	49773	N/A	207
C7.50 2CV-02-P	Gaulin Corporation	641345-1	N/A	354
C7.50 2RH-01-PA	Ingersoll Rand Corporation	127430	N/A	161
C7.50 2RH-01-PB	Ingersoll Rand Corporation	127431	N/A	156
C7.50 2SI-01-PA	Pacific Pump	49760	N/A	236
C7.50 2SI-01-PB	Pacific Pump	49761	N/A	237
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 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

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.70 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 IA-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 PR-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 PS-2-2	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
C7.70 RC-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 RE-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 RE-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 RE-2-3	Hunter Corporation	N/A	N/A	N/A

# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization:

N/A

5. Comercial Service Date: 08/21/87

6. National Board Number of Unit:

N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.70 RF-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 RY-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 RY-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 RY-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 RY-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 SA-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-2-6	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-7	Hunter Corporation	N/A	N/A	N/A



# B2R08

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner: ComEd, P.O. Box 767, Chicago, Illinois 60690

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit: Two (2)

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 08/21/87

6. National Board Number of Unit: N-200

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
C7.70 SI-2-8	Hunter Corporation	N/A	N/A	N/A
C7.70 SI-2-9	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-2	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-3	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-4	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-5	Hunter Corporation	N/A	N/A	N/A
C7.70 VQ-2-6	Hunter Corporation	N/A	N/A	N/A
C7.70 WM-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 WO-2-1	Hunter Corporation	N/A	N/A	N/A
C7.70 WO-2-2	Hunter Corporation	N/A	N/A	N/A

# B2R08

## FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

8. Examination Dates: May 18, 1998 to November 15, 1999  
9. Inspection Interval: August 16, 1998 to August 21, 2007

10. Abstract of Examination.

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

11. Abstract of Conditions Noted.

Refer to the Outage Summary Report.

12. Abstract of Corrective Measures Recommended and Taken.

Refer to the Outage Summary Report.

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

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

Date: 2/10/2000 Signed For: Commonwealth Edison Company

By: *Mary D. Strickland*

### 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 05/18/98 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 this Owners Report in accordance with the requirements of the ASME Code, Section XI.

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

*Gregory S. Paulsen*  
Inspectors Signature

Commissions: ILL-1254 Date: 2/10 20 00  
National Board, State, Province, and Endorsements

file 3.11.1110

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

1. Owner Commonwealth Edison Company Date 10/29/99  
 Name One First National Plaza, Chicago, Il.  
 Address
2. Plant Byron Nuclear Power Station Unit 02  
 Name 4450 N. German Church Road, Byron, Il.  
 Address Work Request No. 980043226-01
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.  
 Name 4450 N. German Church Road, Byron, Il. Type Code Symbol Stamp Not Applicable  
 Address 4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable  
 Expiration Date Not Applicable
4. Identification of System AUX FEEDWATER
5. (a) Applicable Construction Code Section III 19 74 Edition, W75 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)
VALVE	VELAN -	J1776		2AF013A			
DISC	<u>East British Forge</u>		N/A		1978	REPLACED	<del>NA</del> NO
VALVE	VELAN	4484 - <u>SN</u>		2AF013A			
DISC		HT No. <u>C-9443</u>	N/A		1998	REPLACEMENT	<del>NA</del> NO

7. Description of Work OVERHAUL VALVE, REPLACE 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 980043226

Applicable Manufacturer's Data Reports to be attached

Blank lines for remarks.

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 11/11, 1999

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 11/3/99 to 11/11/99, 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

Date Nov. 11, 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 11/5/99  
Name  
One First National Plaza, Chicago, IL. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, IL. Work Request No. 980050990  
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 Auxillary Feedwater (AF)
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 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" Globe Valve Plug	Control Components	Plug s/n: M8222520-02	n/a	epn: 2AF005A s/n: N-00189-6-9	1996	Replaced	No
3" Globe Valve Pilot Plug	Control Components	Pilot Plug s/n: M8222520-02	n/a	epn: 2AF005A s/n: N-00189-6-9	1996	Replaced	No
3" Globe Valve Trim Package	Control Components	Trim Package s/n: M251920-1	n/a	epn: 2AF005A s/n: N-00189-6-9 <i>v/r.</i>	1998	Replacement	Yes

7. Description of Work Replaced valve trim package per DCP # 9700559
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F  
*VSUC*

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 # 980050990

Applicable Manufacturer's Data Reports to be attached

Blank lines for manufacturer's data reports.

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 Dec 9, 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, Connecticut have inspected the components described in this Owner's Report during the period 6/25/99 to 12/13/99, 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 126-1254

Date Dec 13, 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 12/5/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980050991  
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 Auxillary Feedwater (AF)
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 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" Globe Valve Plug	Control Components	Plug s/n: 2	n/a	e/n: 2AF005B s/n: N-00189-6-10	1988	Replaced	No
3" Globe Valve Pilot Plug	Control Components	Pilot Plug s/n: 2	n/a	e/n: 2AF005B s/n: N-00189-6-10	1988	Replaced	No
3" Globe Valve Trim Package	Control Components	Trim Package s/n: M251920-2	n/a	e/n: 2AF005B s/n: N-00189-6-10 <i>✓/✓</i>	1998	Replacement	Yes

7. Description of Work Replaced valve trim package per DCP # 9700559
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F  
*VISLAC*

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 # 980050991

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks or data reports.

**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 Dec 9, 19 99  
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 6/15/99 to 12/13/99, 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 December 14, 19 99



970061222-01

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 9-2-99  
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. 970061222-01  
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 CV [ CHEM & VOL CONTROL ] & SI [ SAFETY INJECTION ]
5. (a) Applicable Construction Code Section III 19 74 Edition, W74 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)
SUPPORT FOOT	AMERICAN STANDARD	<del>7-20011-01-2</del> N/A	<del>29002</del> N/A	SPARE OIL COOLER	1975	REPLACED	NO
SUPPORT FOOT	CONSOLIDATED POWER SUPPLY	HT203732	N/A	STORES ITEM # 803B77	1998	REPLACEMENT	NO

7. Description of Work FABRICATE NEW SUPPORT FOOT FROM 2-1/2 INCH ANGLE IRON AND INSTALL ON SPARE OIL COOLER
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# 97061222

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] ISI Eng. Date Oct 18 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, CN. have inspected the components described in this Owner's Report during the period 9/2/98 to 10/23/99 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 ILL-1754  
Inspector's Signature National Board, State Province, and Endorsements

Date October 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 10/31/99  
Name  
One-First National Plaza, Chicago, Il. Sheet 1 of 21 <sup>JRS</sup> 11/19/99  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980045687-01  
Address
3. Work Performed by Byron Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.  
Name Type Code Symbol Stamp Not Applicable  
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable  
Address Expiration Date Not Applicable
4. Identification of System CHEMICAL VOLUME AND CONTROL
5. (a) Applicable Construction Code Section III 19 71 Edition, S72 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)
VALVE PLUG - <u>Cartech</u>	COPEES VULCAN	2951	N/A	2CV8147	1977	REPLACED	<del>NO</del> <u>Yes</u>
VALVE PLUG	COPEES VULCAN	9821-96766-1-1 (99-3)	N/A	2CV8147	1999	REPLACEMENT	<del>NO</del> <u>Yes</u>

<sup>JRS</sup> 11/19/99  
<sup>JRS</sup> 11/19/99

7. Description of Work REPLACE VALVE TRIM
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 980045687

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

J. R. Smith ISI ENGR  
Owner or Owner's Designee, Title

Date Nov 19, 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 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 11/4/98 to 11/14/99, 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.

J. R. Smith  
Inspector's Signature

Commissions 141-1254

National Board, State Province, and Endorsements

Date Nov. 19, 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 11/3/99  
Name  
One First National Plaza, Chicago, IL. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, IL. Work Request No. 980117371  
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 Volume and Feed Control (CV)
5. (a) Applicable Construction Code Section III 19 71 Edition, S'72 Addenda, n/a Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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	N56903-00-0008	n/a	EPN: 2CV8117	1975	Replaced	Yes
2" x 3" Relief Valve	Crosby Valve	N56903-00-0009	n/a	EPN: 2CV8117	1975	Replacement	Yes

7. Description of Work Replace Relief Valve per PM program
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 360 psi Test Temp. 260 °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 # 980117371

Applicable Manufacturer's Data Reports to be attached

Horizontal lines for additional remarks.

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 Corp Date Nov. 29, 19 99  
Owner or Owner's Designer, Etc.

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 6/30/99 to 12/3/99, 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. L. Dondulich Commissions 122-1254  
Inspector's Signature National Board, State Province, and Endorsements

Date Dec. 3, 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 11/2/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980117374-01  
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 Chemical Volume and Feed Control (CV)
5. (a) Applicable Construction Code Section III 19 71 Edition, S'72 Addenda, na Code Case  
*1649 In 11/2/99*
- (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	N56900-00-0016	N/A	EPN: 2CV8121	1975	Replaced	Yes
2" x 3" Relief Valve	Crosby Valve	N56900-00-0077	N/A	EPN: 2CV8121	1999	Replacement	Yes

7. Description of Work Replace Relief Valve per PM program
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 45 psi Test Temp. 160 °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) informational 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 # 980117374

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks or data reports.

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 Designer, Title [Signature] Date 11/24, 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 5/22/99 to 11/29/99, 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 111-1254 National Board, State Province, and Endorsements

Date Nov. 29, 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 11/2/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990013708  
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 Volume and Feed 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" x 3" Relief Valve	Crosby Valve	N56900-00-0075	n/a	epn: 2CVS123	1998	Replaced	Yes
2" x 3" Relief Valve	Crosby Valve	N56900-00-0018	n/a	epn: 2CVS123	1975	Replacement	Yes

7. Description of Work Replaced Releif Valve per PM program
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 45 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 # 990013708

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks or data reports.

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 ASME's Designee Title ISI Eng'l. Date 11-29, 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, Connecticut have inspected the components described in this Owner's Report during the period 8/23/99 to 11/29/99, 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 12L-1254 National Board, State Province, and Endorsements

Date Nov. 29, 19 99

file 3.11.1110

Doc #13

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 11/04/99
One-First National Plaza, Chicago, Il. Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 2
4450 N. German Church Road, Byron, Il. Work Request No. 990111017-01
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System CV - Chemical Feed and Volume Control
5. (a) Applicable Construction Code Section III 19 74 Edition, S74 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

Table with 8 columns: 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). Rows include Snubber PSA 9936 and Snubber PSA 3105.

- 7. Description of Work Replace Snubber per WR 990111017-01
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]
Other [X] 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 ComEd Red Tag, Stores Item Number 781G09, Catalog Number 30594

WR 99011017-01

Applicable Manufacturer's Data Reports to be attached

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

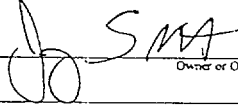
**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed  SMA ISI Engr.

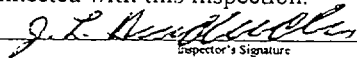
Owner or Owner's Designer, Title

Date 11/12, 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, Ct. have inspected the components described in this Owner's Report during the period 11/2/99 to 11/12/99, 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.



Inspector's Signature

Commissions ILL-1254

National Board, State, Province, and Endorsements

Date November 12, 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 10/5/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990101146  
Address
3. Work Performed by WM. A. Pope Co.-J.V. Repair Organization, P.O. No., Job No., etc.  
Name Type Code Symbol Stamp Not Applicable  
1024 Lunt Ave., Schaumburg IL 60193 Authorization No. Not Applicable  
Address Expiration Date Not Applicable
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  
 (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)
Snubber	ITT Grinnell	10048	n/a	e pn: 2CV08021S	1990	Replaced	Yes
Snubber	ITT Grinnell	247	n/a	e pn: 2CV08021S	1978	Replacement	Yes

7. Description of Work Replace functional failed snubber,
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 # 990101146

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 Designer Title

ISI Engr.

Date

Jan 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 10/5/99 to 1/10/00, 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.

J. R. Scudwick  
Inspector's Signature

Commissions 122-1254

National Board, State Province, and Endorsements

Date January 10, 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 11/10/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980075976-01  
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 S/G Feed Water (FW)
5. (a) Applicable Construction Code Section III 19 75 Edition, S'75 Addenda, None Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Check Valve Assembly	Borg-Warner/Formflow	79221	N/A	2FW079D	1983	Repaired	Yes

7. Description of Work Repair Canopy Seal weld by rewelding to valve body assembly.
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# 980075976

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this verified 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 Corp. Date 12 22, 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, CT. have inspected the components described in this Owner's Report during the period 10/18/99 to 11/4/00, 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 January 4, 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 10/31/99  
Name  
One First National Plaza, Chicago, IL Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, IL Work Request No. 970102942  
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable  
Name Authorization No. Not Applicable  
4450 N. German Church Road, Byron, IL Expiration Date Not Applicable  
Address
4. Identification of System Process Radiation Monitoring (PR) / Primary Containment (PC)
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 92 '92 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	line # 2PR23A-2"	1985	Replaced	Yes
2" pipe	Hunter Corp	n/a	n/a	line # 2PR23B-2"	1985	Replaced	Yes
2" pipe	Hunter Corp	n/a	n/a	line # 2PR22A-2"	1985	Replaced	Yes
2" valve	Borg Warner Valve	72099	n/a	va. 2PR002E	1981	Replaced	Yes
2" valve	Borg Warner Valve	65167	n/a	va. 2PR002G	1980	Replaced	Yes
2" valve	Borg Warner Valve	68143	n/a	va. 2PR033A	1981	Replaced	Yes
2" valve	Borg Warner Valve	68144	n/a	va. 2PR033B	1981	Replaced	Yes
2" s.w. cap	Alloy Stainless Supply Co.	Ht # JDG	n/a	EPN: 2PC103M	1998	Replacement	No

7. Description of Work Per DCP 9700569, remove deleted piping and valves and install s.w. caps to pipe stubs
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 49.1 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 WR # 970102942-01

Applicable Manufacturer's Data Reports to be attached

Empty lines for additional remarks or data reports.

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 of Owner's Design/Title Date 11-18, 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 11/5/99 to 11/18/99, 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 121-1254 National Board, State Province, and Endorsements

Date November 18, 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 10/31/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 970102943  
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 Process Radiation Monitoring (PR) / Primary Containment (PC)
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 92 '92 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	line # 2PR25A-2"	1985	Replaced	Yes
2" pipe	Hunter Corp	n/a	n/a	line # 2PR25B-2"	1985	Replaced	Yes
2" pipe	Hunter Corp	n/a	n/a	line # 2PR24A-2"	1985	Replaced	Yes
2" valve	Borg Warner Valve	72101	n/a	va. 2PR002F	1981	Replaced	Yes
2" valve	Borg Warner Valve	65166	n/a	va. 2PR002H	1980	Replaced	Yes
2" valve	Borg Warner Valve	68145	n/a	va. 2PR033C	1981	Replaced	Yes
2" valve	Borg Warner Valve	68146	n/a	va. 2PR033D	1981	Replaced	Yes
2" s.w. cap	Alloy Stainless Supply Co.	Ht # JDG	n/a	EPN: 2PC104M	1998	Replacement	No

7. Description of Work Per DCP 9700569, remove deleted piping and valves and install s.w. caps to pipe stubs
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 49.1 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 WR # 970102943  
-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 *TSI Eng* Date 11-18, 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, Connecticut have inspected the components described in this Owner's Report during the period 11/5/98 to 11/18/99, 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 121-1254 National Board, State Province, and Endorsements

Date November 18, 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 11/5/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980082220  
Address
3. Work Performed by Westinghouse Elect. Corp. Repair Organization, P.O. No., Job No., etc.  
Name Type Code Symbol Stamp Not Applicable  
P.O. Box 355, Pittsburgh, PA 15230. Authorization No. Not Applicable  
Address Expiration Date Not Applicable
4. Identification of System RC - Reactor Coolant
5. (a) Applicable Construction Code Section III 19 71 Edition, S'72 Addenda, n/a Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89 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" inspection cover - MJ#169A	Westinghouse	n/a	n/a	epn: 2RC01BB s/n 2096	1980	Replaced	No
2" insp. cover bolting - MJ#169A	Westinghouse	Ht Codes TO6267, TO6268	n/a	epn: 2RC01BB s/n 2096	1980	Replaced	No
2" inspection cover - MJ#169A	Westinghouse	Ht Code B6472/1	n/a	epn: 2RC01BB s/n 2096	1999	Replacement	No
2" insp. cover bolting - MJ#169A	Westinghouse	Ht Code S2799 s/n's 001, 011	n/a	epn: 2RC01BB s/n 2096	1999	Replacement	No
2" insp. cover bolting - MJ#169A	Westinghouse	Ht Code S2799 s/n's 015, 017	n/a	epn: 2RC01BB s/n 2096	1999	Replacement	No

7. Description of Work Replaced damaged 2" inspection cover and bolting material
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 922 psi Test Temp. 537 °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 # 980082220

Applicable Manufacturer's Data Reports to be attached

Five horizontal lines for handwritten remarks.

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] TISI Engineer Date Feb 8, 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 1/1/00 to 2/8/00, 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 122-1254

Date February 8, 20 00

*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 11/02/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990012418-01  
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 71 Edition, S/72 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
2" PLUG	CARTECH	2599	N/A	EPN:2RC8037A	1975	REPLACED	YES
2" PLUG	COPEX-VULCAN	83-1	N/A	P/N:166210 C.A.T.#0000004665	1983	REPLACEMENT	YES

7. Description of Work REPLACE VALVE PLUG.
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 990012418  
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 Nov 19 .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, CT. have inspected the components described in this Owner's Report during the period 5/3/99 to 11/14/99, 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 ILL-1054  
Inspector's Signature National Board, State Province, and Endorsements

Date Nov. 19 .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 11/4/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980082218  
Address
3. Work Performed by Westinghouse Elect. Corp. Repair Organization, P.O. No., Job No., etc.  
Name Type Code Symbol Stamp Not Applicable  
P.O. Box 355, Pittsburgh, PA 15230. Authorization No. Not Applicable  
Address Expiration Date Not Applicable
4. Identification of System RC - Reactor Coolant
5. (a) Applicable Construction Code Section III 19 71 Edition, S'72 Addenda, N496-1 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)
Heli-coil Prim HL Bolt #15	Westinghouse	n/a	n/a	epn: 2RC01BB s/n 2098	1980	Replaced	No
Heli-coil Prim HL Bolt #15	Westinghouse	heli-coil Control # 47438-1	n/a	epn: 2RC01BB s/n 2098	1989	Replacement	No

7. Description of Work Replaced damaged heli-coil on 2B Steam Generator primary manway, bolt hole # 15
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 # 980082218

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks or data reports.

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.

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed [Signature] Date Jan 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, Connecticut have inspected the components described in this Owner's Report during the period 11/3/99 to 11/7/00...

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.

[Signature] Commissions 122-1254

Date January 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 11/1/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990108034  
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by PCI Services Type Code Symbol Stamp Not Applicable  
Name Authorization No. Not Applicable  
One Energy Drive, Lake Bluff, IL 60044. Expiration Date Not Applicable  
Address
4. Identification of System RC, REACTOR COOLANT
5. (a) Applicable Construction Code Section III 19 74 Edition, S/74 Addenda, N416-1 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)
CRDM ASSEMBLY	NISCO/ WESTINGHOUSE	S/N; 01-1169E52 GO1-MM377	W-18204	2RC01R;CRDM (F-14)	1978	REPLACED	YES
CRDM ASSEMBLY	WESTINGHOUSE ELECT. CORP.	S/N; 01-1169E52 GO1-X137	W-23171	2RC01R;CRDM (F-14) CAT ID# 0000000452	1981	REPLACEMENT	YES

7. Description of Work REPLACE CRDM ASSEMBLY
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 2232 psi Test Temp. 547 °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 # 990108034

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/REPLACE 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 Jan 31, 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 12/22/99 to 2/1/00, 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 121-1254  
Inspector's Signature National Board, State Province, and Endorsement

Date February 1, 20 00

File 311110

**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 11/8/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990112511-01  
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 Reactor Coolant (RC)
5. (a) Applicable Construction Code Section III 19 71 Edition, W72 Addenda, N/A Code Case  
74 575 11/10/99 575 125 11/10/99
- (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)
Pipe Soc-O-Let	Hunter Corp	Existing	N/A	RC001-315 SPOOL 2RC23AA-3/4"	1985	Repaired	Yes

7. Description of Work Blended saw cut.
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

WR 990112511-01

Applicable Manufacturer's Data Reports to be attached

Five horizontal lines for handwritten remarks.

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 11/10 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 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 11/4/99 to 11/17/99, 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 ILL-1254  
Inspector's Signature National Board, State Province, and Endorsements

Date Nov. 11, 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 10-29-99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990087657-01  
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-RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code Section III 19 71 Edition, S72 Addenda, NONE Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89/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	N56904-00-0015	N/A	EPN NUMBER 2RH8708A	1975	REPLACED	YES
RELIEF VALVE	CROSBY	N56904-00-0013	N/A	CAT. NUMBER 0000027642	1975	REPLACEMENT	YES

7. Description of Work REPLACE RELIEF VALVE PER THE "PM" PROGRAM
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 150 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# 990057657

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] ISI Engr. Date Dec 8, 1999  
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 on 1/4/03 have inspected the components described in this Owner's Report during the period 8/3/04 to 12/8/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report, in accordance with the requirements of the ASME Code, Section XI.

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

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

Date Dec. 9, 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 10-31-99  
Name  
One First National Plaza, Chicago, IL Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, IL Work Request No. 980039805-02  
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 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 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)
PRESSURIZER SAFETY VALVE	CROSBY	N56964-00-0089	N/A	2RY8010C CAT. ID:0000024176	1977	REPLACED	YES
PRESSURIZER SAFETY VALVE	CROSBY	N56964-00-0049	N/A	2RY8010C 6RV88MSB	1976	REPLACEMENT	YES

7. Description of Work REPLACE VALVE PER PM PROGRAM.
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 2032 psi Test Temp. 577 °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 # 980039805

Applicable Manufacturer's Data Reports to be attached

Blank lines for additional remarks or data reports.

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 Jan 11, 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, Connecticut have inspected the components described in this Owner's Report during the period 9/27/99 to 1/11/00, 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] Commissions 121-1254  
Inspector's Signature National Board, State Province, and Endorsements

Date January 11, 2000

FORM NIS-2 (Back)

9. Remarks WR # 980042203

Applicable Manufacturer's Data Reports to be attached

\* 71/W72 for v/v.

74/575 for pipe

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 Jan 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&I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 8/17/99 to 1/12/00, 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] Commissions 122-1254

Date January 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 11/3/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 980042203-01  
Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable  
Name Repair Organization, P.O. No., Job No., etc.  
4450 N. German Church Road, Byron, Il. Authorization No. Not Applicable  
Address Expiration Date Not Applicable
4. Identification of System Safety Injection (SI)
5. (a) Applicable Construction Code Section III <sup>\*</sup>19 71 Edition, W'72 Addenda, N416-1 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" Globe Valve	Kerotest Mfg.	FW-7-5	5797	e pn: 2SI8955D	1971	Replaced	Yes
2" Pipe	Hunter Corp.	Ht # 462147	n/a	e pn: 2SI47AD-2"	1985	Replaced	No
2" Globe Valve w/pipe stubs	FlowServe Corp.	E-364P-1-1	n/a	e pn: 2SI8955D	1999	Replacement	Yes

7. Description of Work Replaced 2" valve and piping with valve subassembly (included pipe stubs)
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 640 psi Test Temp. 98 °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 NR-1 REPORT OF REPAIR  MODIFICATION  OR INSTALLATION OF REPLACEMENT(S)   
TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Flowserve Corp. P.O. #822257; S.O. #R-649P-1  
(name of organization) (P.O. no., job no., etc.)  
701 First Street, Williamsport, PA 17701  
(address)

2. Owner Commonwealth Edison Company  
(name)  
P. O. Box 767, Chicago, IL 60690  
(address)

3. Name, address and identification of nuclear power plant Byron Nuclear Station  
4450 N. German Church Road, Byron, IL 61010

4. System \_\_\_\_\_

5. a: Component repaired, modified or replaced 2" - 1500# Y-Globe Check Valve

b: Name of manufacturer Flowserve Corporation

c: Identifying nos. E-364P-1-1 N/A N/A N/A 1999  
(mfr's serial no.) (Nat'l Bd. No.) (jurisdictional no.) (other) (year built)

d: Construction Code ASME III 1971 Winter 1972 N/A 2  
(name/section/division) (edition) (addenda) (Code Case(s)) (Code Case)

6. ASME Code Section XI applicable for inservice inspection: N/A N/A N/A  
(edition) (addenda) (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1971 Winter 1972 N/A  
(edition) (addenda) (Code Case(s))

8. Construction Code used for repairs, modifications, or replacements: N/A N/A N/A  
(edition) (addenda) (Code Case(s))

9. Design responsibilities Flowserve Corp.

10. Tests conducted: hydrostatic  pneumatic  design pressure  pressure 800 psi Code Case(s) N/A

11. Description of work Weld pipe stubs on valves, LP body to pipe stub weld,  
(use of properly identified additional sheets or sketches is acceptable)  
Hydrotest and seat leakage test valve

12. Remarks: Pipe stubs Ht #438418 supplied by Commonwealth Edison; Schedule 40  
Pipe stubs were hydrotested at 800 psi per CECO P. O. 822257 with  
change dated 9/17/99.

89 Edit no.  
No Add.  
2/10/97  
7/1/92  
7/1/95

38496

CERTIFICATE OF COMPLIANCE

I, James P. Dwver, certify that the statements made in this report are correct and the repair, modification or replacement of the items described above conforms to Section XI of the ASME Code and to the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No. NR44 to use the "NR stamp expires 7/10 ~~NR~~ 2001

Date 10/22 19 99 Signed Flowserve Corp. [Signature] Q.A. Engineer  
(name of repair organization) (authorized representative) (title)

CERTIFICATE OF INSPECTION

I, Charles Young, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Commercial Union Insurance Co. of Boston, MA have inspected the repair, modification or replacement described in this report on 10-22 19 99 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 "NR" rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date 10-22 19 99 Signed Charles Young Commissions Pennsylvania 2392  
(inspector) (National Board (incl endorsements) and jurisdiction, and 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 11/6/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990112359  
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 Primary Containment Purge Vent (VQ)
5. (a) Applicable Construction Code Section III 19 71 Edition, W'73 Addenda, n/a Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 92 '92 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" Ball Valve	CBI/Jamesbury	NC17016-02P	N/A	epr: 2VQ5001A	1975	Replaced	Yes
3" Ball Valve	CBI/Jamesbury	NC17016-02AL	N/A	epr: 2VQ5001A	1975	Replacement	Yes

7. Description of Work Replaced Emergency Airlock to Containment Equalization Valve
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 48 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 WR # 990112359

Applicable Manufacturer's Data Reports to be attached

Multiple horizontal lines for handwritten notes or additional remarks.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed [Signature] Owner's Designee Title ISI Eng. Date Feb 2, 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 11/5/00 to 2/3/00, 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 121-1254 National Board, State Province, and Endorsements

Date 2/3, 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 11/6/99  
Name  
One First National Plaza, Chicago, Il. Sheet 1 of 1  
Address
2. Plant Byron Nuclear Power Station Unit 02  
Name  
4450 N. German Church Road, Byron, Il. Work Request No. 990112358  
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable  
Name Authorization No. Not Applicable  
4450 N. German Church Road, Byron, Il. Expiration Date Not Applicable  
Address
4. Identification of System Primary Containment Purge Vent (VQ)
5. (a) Applicable Construction Code Section III 19 71 Edition, W'73 Addenda, n/a Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 92 '92 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" Ball Valve	CBI/ Jamesbury	NC17016-02S	N/A	epr: 2VQ5001B	1975	Replaced	Yes
3" Ball Valve	CBI/ Jamesbury	NC17016-02AD	N/A	epr: 2VQ5001B	1975	Replacement	Yes

7. Description of Work Replaced Emergency Airlock to Containment Equalization Valve
8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 48 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 WR # 990112358

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 Feb 3, 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 11/2/00 to 1/2/01, 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 112-1254

Date 1/3, 20 00