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June 28, 2000
BW000072

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555 - 0001

Braidwood Station, Unit 1
Facility Operating License Nos. NPF-72
NRC Docket No. STN 50-456

Subject: Braidwood Station, Unit 1 Inservice Inspection Summary Report

Enclosed please find the Post-Outage (90 day) Summary Report for Inservice Inspection examinations conducted during the eight refueling outage of Braidwood Station Unit 1 (i.e., A1R08). This report is submitted in accordance with the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for the Inservice Inspection of Nuclear Power Plant Components."

Based on a Braidwood Unit 1 return to service date of April 5, 2000 and the submittal requirements of ASME Section XI Subarticle IWA-6230, "Summary Report Submittal," this report is to be provided to the U. S. NRC and the State of Illinois, Department of Nuclear Safety by July 4, 2000.

Please direct any questions you may have regarding this submittal to Mr. Terry Simpkin, Regulatory Assurance Manager, at (815) 458-2801, x2980.

Respectfully,

A handwritten signature in black ink that reads "G. Keith Schwartz". The signature is fluid and cursive, with a large loop at the end of the last name.

G. Keith Schwartz
Station Manager
Braidwood Station

G. Keith Schwartz
Station Manager
Braidwood Station

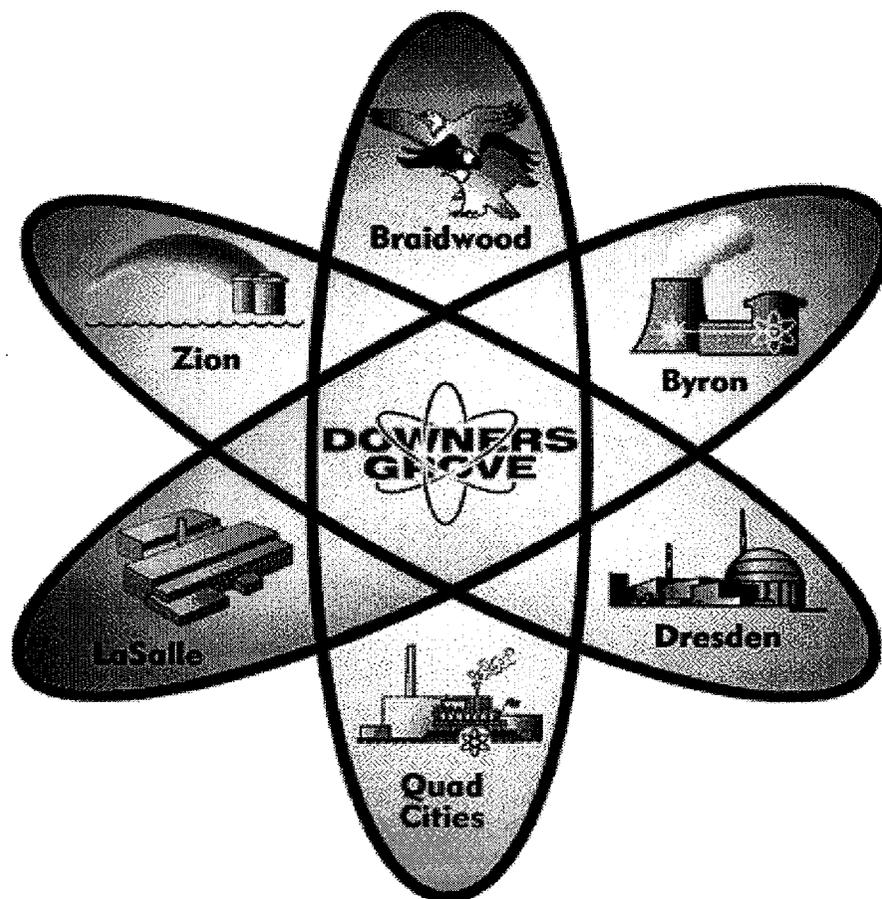
Enclosure: Braidwood Station ISI Outage Report for A1R08

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cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Braidwood Station (w/o enclosure)
Office of Nuclear Facility Safety - Illinois Department of Nuclear Safety

ComEd

Braidwood Station ISI Outage Report for A1R08



BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 INSERVICE INSPECTION SUMMARY REPORT FOR:

Interval 2, Period 1, Outage 2

STATION ADDRESS:

**Braidwood Station
35100 S. Rt. 53 Suite 84
Braceville, Illinois 60407**

UNIT 1 COMMERCIAL SERVICE DATE:

July 29, 1988

OWNER'S ADDRESS:

**Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690**

TABLE OF CONTENTS

<u>DESCRIPTION:</u>	<u>PAGE:</u>
COVER PAGE	i
TITLE PAGE	ii
TABLE OF CONTENTS	iii
1.0 - INSPECTION INFORMATION	1-1 to 1-2
2.0 - INSERVICE EXAMINATION SUMMARY	2-1 to 2-3
3.0 - INSERVICE COMPONENT DETAILED EXAMINATION TABLES	3-1 to 3-59
4.0 - NIS-1 FORM (OWNER'S REPORT FOR INSERVICE INSPECTION)	4-1 to 4-5
5.0 - REPORT OF CONTAINMENT DEGRADATION (IWE/IWL)	5-1 to 5-8
6.0 - NIS-2 FORMS, Cover page plus 83 pages of Attachments (OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS)	6-1 to END

1.0 INSPECTION INFORMATION

1.1 Summary

Second Interval Inservice Inspections (ISI) of ASME Class 1, 2, and 3 components were conducted at Braidwood Station Unit 1 from November 15, 1998 through April 5, 2000. This outage is reflected in the Braidwood ISI schedule by the code 212 (Interval 2, Period 1, Outage 2), with a majority of these inspections being performed during Braidwood Station's Unit 1 eight refueling outage (A1R08). The Unit 1, Period 1 ISI Program is scheduled to end on July 28, 2001 but will be extended to include the Unit 1 ninth refueling outage (A1R09) in Fall 2001 as allowed by IWB-2412(c).

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 (10CFR50.55a). The Containment Inspection Program was developed and implemented in accordance with the requirements and intent of Subsections IWE and IWL of ASME Section XI, 1992 Edition through the 1992 Addenda, pursuant to the requirements of Title 10, Part 50.55a of the Code of Federal Regulations (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.

In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission augmented ISI inspections were required during A1R08. The Braidwood Unit 1 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 0737.
- c) NRC Regulatory Guide 1.14, "Reactor Coolant Pump Flywheel Integrity".
- d) NRC Bulletin 88-08, "Thermal Stresses in Piping Connected to Reactor Coolant Systems".
- e) NRC commitment to examine 7.5% sampling of Class 2 ECCS circumferential welds on >4" diameter pipe not currently subject to code volumetric exams which contain stagnant borated water.
- f) NRC commitment to volumetrically examine welds in High Energy Line Break areas.
- g) Augmented examinations to satisfy NRC commitments contained in Relief Requests I2R-01, I2R-02, I2R-07, and I2R-08.

1.2 Identification of Examination Requirements

The Second Interval ISI Program contains the Component Selection 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 population 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 basis column.

1.3 Exempted Components

ASME Class 1, 2, and 3 components (or parts of components) that are not included in the Component inspection tables and that are exempt from examination, as specified in Section XI Subsection IWB, IWC, IWD, and IWF are identified in the Braidwood Station Boundary Basis document, along with reference to the justification(s) for exempting the component/system.

1.4 ISI Program Implementation

ComEd, or their designee, visually examined (VT-1, VT-2, VT-3/4, VT-1C, and VT-3C) and/or NDE examined (UT, PT, MT) ASME components. The components examined comply with the ISI Program Schedule, Braidwood Technical Specifications, and/or compliance with the ASME Section XI Repair/Replacement Program. All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Sub-article IWA-2200: "Examination Methods".

Certified personnel performed and evaluated all NDE. 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 the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition and/or ASME Section XI 1989, as applicable.

Certified personnel performed and evaluated visual examinations (VT-1, VT-3/4, VT-1C and VT-3C) of Containment Structures. Personnel were certified to the requirements of the ANSI/ANST CP-189, 1991 revision, and/or ASME Section XI 1992 through 1992 Addenda, as applicable.

1.5 Witness and Verification of Examination

The inservice inspections were witnessed and/or verified by the Authorized Nuclear Inservice Inspectors (ANII), L. Malabanan and R. Spuhl. The 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 INSERVICE EXAMINATION SUMMARY

The following is a summary of the examinations performed during the Braidwood Unit 1 Eight refueling outage (A1R08). Refer to the component detailed examination tabulations of Section 3.0 for additional information on specific welds, components, supports, snubbers and pressure test examinations and their respective results.

2.1 Inservice Weld/Component Summary

SYSTEM EXAMINED	Number of Welds or Components	COMMENTS
Containment Spray	3	
Feedwater	3	
Main Steam	3	
Reactor Coolant	26	Count includes eddy current exams of 4 steam generators.
Reactor Coolant (RY)	8	
Safety Injection	20	6 baseline exams
TOTALS	63	

2.2 Inservice Component Support Summary

SYSTEM EXAMINED	Number of Component Supports	COMMENTS
Chemical & Volume Control	2	
Feedwater	1	
Main Steam	1	
Reactor Coolant	19	
Residual Heat Removal	3	
Safety Injection	46	
Essential Service Water	12	
TOTALS	84	

2.3 Inservice Snubber Summary

SYSTEM EXAMINED	Number of Snubbers VT-3/4	Number of Snubbers Functionally Tested	COMMENTS
Containment Spray	3	2	
Chemical & Volume Control	8	4	
Feedwater	3	3	
Main Steam	5	3	
Reactor Coolant	14	7	
Residual Heat Removal	5	4	
Reactor Coolant (RY)	5	3	
Steam Generator Blowdown	2	1	
Safety Injection	27	6	
TOTALS	72	33	

2.4 Inservice Pressure Test Summary

2.4.1 Pressure Test Test-Block Inspection Summary

Summary of components contained in this Table are those Pressure Test Test-Blocks which were examined for Section XI Inservice Inspection credit.

System	Class	Number of Test Blocks
Component Cooling	2	1
Containment Spray	2	3
Chemical & Volume Control	2	2
Fuel Pool Cooling	2	2
Nitrogen System	2	1
Process Sampling	2	5
Residual Heat Removal	2	4
Reactor Coolant (RY)	2	4
Safety Injection	2	12
Essential Service Water	2	4
Containment Chilled Water	2	2
Plant Systems Pressurized During Mode 3 (ZZ)	1,2	2
TOTALS		42

2.4.2 Borated Bolting Inservice Inspection Summary

Summary of components contained in this Table are those Insulated Borated Bolted connections which were examined for Section XI Inservice Inspection credit. Inspections on these connections are performed per the commitments in Relief Request I2R-12, I2R-13, and I2R-30, as applicable, of the ISI Program Plan.

SYSTEM EXAMINED	Number of Connections VT-2	Number of Connections VT-1	COMMENTS
Chemical & Volume Control	40	10	
Pressurizer	1	0	
Reactor Coolant	25	5	
Residual Heat Removal	22	4	
Reactor Coolant (RY)	4	2	
Safety Injection	2	0	
TOTALS	94	21	

2.5 Inservice Steam Generator Eddy Current Testing Summary

During A1R08 refueling outage, which began March 18, 2000, eddy current inspection of the Steam Generator tubes was conducted. Scope of the inspection included 100% full length bobbin coil inspection of all 4 Steam Generators. Plus Point inspection was conducted on any bobbin coil indications classified as requiring additional diagnostic testing.

The Steam Generator tube inspections were completed on March 28, 2000. One tube was plugged in Steam Generator A. The table below summarizes the tube plugging results from A1R08 and preservice inspection of the steam generators. No Steam Generator tubes were repaired by sleeving during the A1R08 Refueling outage.

2.5.1 Braidwood Unit 1 Replacement Steam Generator Tube Plugging Summary

Steam Generator Tubes Plugged	Steam Generator 1RC01BA "A"	Steam Generator 1RC01BB "B"	Steam Generator 1RC01BC "C"	Steam Generator 1RC01BD "D"	Total
Steam Generator Tubes Plugged Prior to Service	1	2	0	0	3
Steam Generator Tubes Plugged During A1R08	1	0	0	0	1
Steam Generator Tubes Plugged to Date	2	2	0	0	4

3.0 COMPONENT DETAILED EXAMINATION TABLES

3.1 Detailed Inservice Weld/Component Table(s):

The table (Pages 3-4 to 3-) for this section list the examinations performed for Section XI Inservice Inspection requirements for welds and components. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.6.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(J)	(K)							

3.2 Detailed Inservice Component Support Table:

The table (Pages 3- to 3-) for this section list the examinations performed for Section XI Inservice Inspection requirements for component supports. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.6.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B)	(C)	(D)	(E)	(G)	(I)
(J)	(K)					

3.3 Detailed Inservice Snubber Table:

The table (Pages 6-29 to 6-51) for this section list the examinations performed for Section XI Inservice Inspection requirements for snubbers. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.6.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B)	(C)	(D)	(E)	(G)	(I)
(J)	(K)					

3.4 Detailed Inservice Pressure Test Table(s):

3.4.1 System Pressure Tests

The table (Page 6-52) for this section list the examinations performed for Section XI Inservice Inspection requirements for pressure testing. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.6.

3.4.2 Borated Bolted Connection Inspections

The table (Pages 6-53 to 6-60) for this section list the examinations performed for Inservice Inspection pressure testing requirements of borated bolted connections. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.6.

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
(A)	(B) (K)	(D)	(E)	(G)	(I)
Inspection Comments					
(J)					

3.5 Detailed Inservice Steam Generator Inspection Table:

The detailed report for the Steam Generator Eddy Current examination is provided in a 12 month summary report submitted in accordance with Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports."

3.6 General Inservice Report Information

3.6.1 Report Column Descriptions

- (A) This column contains the Section XI Category and Item identifiers for the specified component. There are special cases, like snubbers, where an "S" has been added to the end of the Section XI Item identifier. This was done to allow easy sorting of the snubber population by the ISI database.
- (B) This column contains the ISI Identifier that the ISI Program uses to distinguish components.
- (C) This column contains the line number or equipment piece number (EPN) that the component is associated with.
- (D) This column identifies the ISI Program Plan relief request(s) that is associated with that component. A complete copy of the relief request can be found in the ISI Program Plan.
- (E) This column identifies the ISI Program Plan note(s) that is associated with that component. A complete copy of the Program note can be found in the ISI Program Plan.

- (F) This column identifies the percentage of code coverage achieved for the associated exam for that component.
- (G) This column summarizes the exams performed during this outage for the associated component.
- (H) This column identifies actual exams performed during this outage for the associated component.
- (I) This column summarizes the results for exams performed during this outage for the associated component.
- (J) This row states inspection comments, when applicable, for the associated component.
- (K) This column specifies the description of the associated component.

3.6.2 Report Abbreviations

FUNCT.	-	Snubber Functional Test
GEOM.	-	Geometry
GE/IND	-	Geometry/Indication
IND.	-	Indication
NRI	-	No Recordable Indications
MT	-	Magnetic Particle Inspection
PT	-	Liquid Penetrant Inspection
SUR	-	Surface Exam
TBD	-	To Be Developed
UT	-	Ultrasonic Inspection
VOL	-	Volumetric Exam
VT	-	Visual Inspection

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 1 of 8)

SYSTEM: Containment Spray System (CS)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
C-C	C03.30	1CSP-01-CSP04 1CS01PB PUMP LUG	1CS01PB	I2R-02 NOTE 4 I2R-15		VT-1 SUR	VT-1 PT	NRI NRI
NOTE: PT has heavy background contrast due to weld configuration. Refer to 00BR1-VT-006 for examination of remaining weld length. OBSTRUCTION: VT has areas of inaccessibility. See Relief Request I2R-02.								
C-C	C03.30	1CSP-01-CSP05 1CS01PB PUMP LUG	1CS01PB	I2R-02 NOTE 4 I2R-15		VT-1 SUR	VT-1 PT	NRI NRI
NOTE: PT has heavy background contrast due to weld configuration. Refer to 00BR1-VT-007 for examination of remaining weld length. OBSTRUCTION: VT has areas of inaccessibility. See Relief Request I2R-02.								
C-C	C03.30	1CSP-01-CSP06 1CS01PB PUMP LUG	1CS01PB	I2R-02 NOTE 4 I2R-15		VT-1 SUR	VT-1 PT	NRI NRI
NOTE: PT has heavy background contrast due to weld configuration. Refer to 00BR1-VT-008 for examination of remaining weld length. OBSTRUCTION: VT has areas of inaccessibility. See Relief Request I2R-02.								

Section 3.1 Detailed Inservice Inspection Weld / Component Listing
(Page 2 of 8)

SYSTEM: Feedwater System (FW)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
C-F-2 C05.51	1FW-02-04 VALVE 1FW009A - PIPE	1FW03DA-16"		NOTE 4 NOTE 5 NOTE 7	100% 100%	SUR VOL	MT UT-45 UT-60	NRI GEOM GEOM
OBSTRUCTION: One sided exam due to configuration (valve to pipe).								
C-F-2 C05.51	1FW-02-05A PIPE - PENETRATION (1PC-079)	1FW03DA-16"		NOTE 4 NOTE 5 NOTE 7	100% 100%	SUR VOL	MT UT-45	NRI GEOM
C-F-2 C05.51	1FW-11-16 VALVE 1FW039A - PIPE	1FW81BA-6"		NOTE 4 NOTE 5 NOTE 7	100% 100%	SUR VOL	MT UT-45	NRI GEOM
OBSTRUCTION: One sided exam due to valve to pipe configuration.								

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 3 of 8)

SYSTEM: Main Steam System (MS)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
C-F-2 C05.51	1MS-04-04 PIPE - TEE	1MS01BA-30.25"		NOTE 4 NOTE 5 NOTE 7	100% 100%	SUR VOL	MT UT-45	NRI NRI
NOTE: MT examined in as-ground condition. UT witnessed by Tom Green ComEd L/III. OBSTRUCTION: UT is a single sided exam.								
C-F-2 C05.51	1MS-04-13 WELDOLET - PIPE	1MS143AA-12"		NOTE 4 NOTE 5 NOTE 7	100% 100%	SUR VOL	MT UT-45	NRI NRI
C-C C03.20	1MS-07-SW08 (4) LUG ATTACH. FOR 1MS07002C	1MS01AC-32.75"	I2R-15	NOTE 4	97.74%	SUR	MT	IND.
NOTE: See 00BR1-INR-001 for disposition of linear indications. Indications were determined to be acceptable. See also 00BR1-UT-118 for UT verification of MT indication.								

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 4 of 8)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
B-J	B09.32	1RC-01-13 2" SWEEPOLET - 31" PIPE	1RC16AA-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.32	1RC-01-14 3" NOZZLE BRANCH CONNECTION	1RC09FA-3"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.32	1RC-01-15 31" PIPE - 2" SWEEEPOLET	1RC14AA-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.11	1RC-01-16 PIPE - ELBOW	1RC02AA-31"	NOTE 4	100% 100%	SUR VOL	PT UT-45L	NRI GEOM
NOTE: Pipe side stainless / elbow side cast stainless. Root geometry elbow side only.								
B-J	B09.11	1RC-01-17 ELBOW - PUMP 1RC01PA NOZZLE	1RC02AA-31"	NOTE 4		SUR VOL		
NOTE: Exam was deferred to the next outage. Scaffold was not arranged.								
B-J	B09.11	1RC-06-08 PIPE - PIPE	1RC21AA-8"	NOTE 4	100% 100%	SUR VOL	PT UT-45	NRI GEOM
B-J	B09.11	1RC-06-09 PIPE - ELBOW	1RC21AA-8"	NOTE 4	100% 100%	SUR VOL	PT UT-45	NRI GEOM
B-J	B09.11	1RC-06-10 ELBOW - PIPE	1RC21AA-8"	NOTE 4	100% 100%	SUR VOL	PT UT-45	NRI GEOM
B-J	B09.11	1RC-06-11 PIPE - ELBOW	1RC21AA-8"	NOTE 4	100% 100%	SUR VOL	PT UT-45	NRI GEOM
B-J	B09.11	1RC-06-12 ELBOW - PIPE	1RC21AA-8"	NOTE 4	100% 100%	SUR VOL	PT UT-45	NRI GEOM
NOTE: Beam redirection noted on elbow side.								
B-G-2	B07.50	1RC-19-B3 FLANGED CONNECTION (4 STUDS)	1RC22AB-1.5"			VT-1	VT-1	NRI
NOTE: Examined during disassembly.								
B-G-2	B07.50	1RC-20-B1 FLANGED CONNECTION (4 STUDS)	1RC22AD-1.5"			VT-1	VT-1	NRI
NOTE: Examined during disassembly.								
B-G-2	B07.50	1RC-23-B1 FLANGED CONNECTION (4 STUDS)	1RC22AA-1.5"			VT-1	VT-1	NRI
NOTE: Examined during disassembly.								
B-G-2	B07.50	1RC-27-B1 FLANGED CONNECTION (4 STUDS)	1RC22AC-1.5"			VT-1	VT-1	NRI
NOTE: Examined during disassembly.								
B-J	B09.40	1RC-36-01 BRANCH CONNECTION - PIPE	1RC14AA-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1RC-41-01AA PIPE - BRANCH CONNECTION	1RC16AA-2"	NOTE 4	100%	SUR	PT	NRI

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 5 of 8)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
B-G-2 B07.60	1RCP-01-PSB-PA-B1 PUMP SHAFT SEALS (36 BOLTS)	1RC01PA		NOTE 3		VT-1	VT-1	NRI
NOTE: Examination was performed with bolting in place.								
B-G-1 B06.40	1RV-02-038-01 TO 54 THREADS IN RX FLANGE (54 TL)	1RC01R			100%	VOL	UT-0	NRI
NOTE: A1R08 exam include area around all 54 stud holes.								
B-G-1 B06.10	1RV-03-NUTS (01 TO 54) CLOSURE HEAD NUTS (54 TOTAL)	1RC01R	I2R-19			VT-1	VT-1	NRI
NOTE: Nuts examined in A1R08 were 89-1-4014-51-02, 03, 04, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54 and 89-1-4012-51-01.								
B-G-1 B06.20 B06.30	1RV-03-STUDS(01 TO 54) CLOSURE HEAD STUDS (54 TOTAL)	1RC01R			100%	SUR VOL	MT	NRI
NOTE: Studs examined in A1R08 were: 89-1-4014-51-(1, 2, 3, 4, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, and 56).								
B-G-1 B06.50	1RV-03-WASHERS CLOSURE WASHERS (01 TO 54)	1RC01R				VT-1	VT-1	NRI
NOTE: Washers examined in A1R08 were: 89-1-4014-51-03, 04, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, and 56.								
B-Q B16.20	1SG-05-1RC01BA TUBING STEAM GENERATOR TUBING	1RC01BA				VOL	VOL	N/A
NOTE: One tube plugged during A1R08.								
B-G-1 B06.90 B06.100 B06.110	1SG-05-SGB-01 PRIMARY MANWAY (20 STUDS and NUTS)	1RC01BA			100%	VT-1 VOL	VT-1 UT-60 UT-80L	NRI NRI NRI
NOTE: Exam was performed in A1R08 after 1RC01BA primary manways were removed with primary head diaphragms in place. Exam included flange face and a 1" annular surface around each of the 40 manway stud holes.								
B-G-1 B06.90 B06.100 B06.110	1SG-05-SGB-02 PRIMARY MANWAY (20 STUDS and NUTS)	1RC01BA			100%	VT-1 VOL	VT-1 UT-60 UT-80L	NRI NRI NRI
NOTE: Exam was performed in A1R08 after 1RC01BA primary manways were removed with primary head diaphragms in place. Exam included flange face and a 1" annular surface around each of the 40 manway stud holes.								
B-Q B16.20	1SG-06-1RC01BB TUBING STEAM GENERATOR TUBING	1RC01BB				VOL	VOL	N/A
B-Q B16.20	1SG-07-1RC01BC TUBING STEAM GENERATOR TUBING	1RC01BC				VOL	VOL	N/A
B-Q B16.20	1SG-08-1RC01BC TUBING STEAM GENERATOR TUBING	1RC01BD				VOL	VOL	N/A

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

(Page 6 of 8)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
B-J	B09.40	1CV-02-13 VALVE 1CV8377 - PIPE	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-14 PIPE - ELBOW	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-15 ELBOW - PIPE	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-16 PIPE - ELBOW	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-17 ELBOW - PIPE	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-18 PIPE - ELBOW	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-J	B09.40	1CV-02-19 ELBOW - PIPE	1RY18A-2"	NOTE 4	100%	SUR	PT	NRI
B-M-2	B12.50	1RC-32-1RY8010C (INT) 1RY8010C SAFETY RELIEF INTERNALS	1RY03BC-6"	NOTE 3		VT-3/4	VT-3/4	NRI

NOTE: This exam was not scheduled for A1R08 but because it was disassembled for replacement a VT-3/4 was performed on the valve internal surface. This examination satisfies the Interval 2 requirements for code item B12.50 for the Unit 1 RY8010 valve group (see ISI Program Plan, Note 3).

Section 3.1 Detailed Inservice Inspection Weld / Component Listing
(Page 7 of 8)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
C-F-1 C05.11	1SI-04-15 PIPE - ELBOW	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: PT examined in as-ground condition.								
C-F-1 C05.11	1SI-04-16 ELBOW - PIPE	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: Pt examined in as-ground condition.								
C-F-1 C05.11	1SI-04-17 PIPE - ELBOW	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: PT examined in as-ground condition.								
C-F-1 C05.11	1SI-04-18 ELBOW - PIPE	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: PT examined in as-ground condition.								
C-F-1 C05.11	1SI-04-19 PIPE - ELBOW	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: PT examined in as-ground condition.								
C-F-1 C05.11	1SI-04-20 ELBOW - PIPE	1SI05CA-8"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45 UT-45L	NRI GEOM GEOM
NOTE: PT examined in as-ground condition.								
B-J B09.40	1SI-10-26.01 ELBOW - PIPE	1SI18FC-2"		NOTE 4	100	SUR	PT	NRI
B-J B09.40	1SI-10-27.01 PIPE - ELBOW	1SI18FC-2"		NOTE 4	100	SUR	PT	NRI
B-J B09.40	1SI-10-28.01 VALVE 1SI8819C - PIPE	1SI18FC-2"		NOTE 4	100	SUR	PT	NRI
B-G-2 B07.70	1SI-13-1SI8948D (BLT) 1SI8948D CHECK VALVE (18 BLT)	1SI09BD-10"		NOTE 3		VT-1	VT-1	NRI
NOTE: This exam was not scheduled for A1R08 but because it was disassembled for maintenance a VT-1 was performed on the bolting.								
B-M-2 B12.50	1SI-13-1SI8948D (INT) 1SI8948D CHECK VALVE INTERNALS	1SI09BD-10"		NOTE 3		VT-3/4	VT-3/4	NRI
NOTE: This exam was not scheduled for A1R08 but because it was disassembled for maintenance a VT-3/4 was performed on the valve internal surface. This examination satisfies the Interval 2 requirements for code item B12.50 for the Unit 1 SI8948 valve group (see ISI Program Plan, Note 3).								
B-G-2 B07.70	1SI-14-1SI8818D (BLT) 1SI8818D CHECK VALVE (16 BLT)	1SI05DD-6"		NOTE 3		VT-1	VT-1	NRI
NOTE: Exam performed in conjunction with disassembly for NWR.								

Section 3.1 Detailed Inservice Inspection Weld / Component Listing
(Page 8 of 8)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
B-M-2 B12.50	1SI-14-1SI8818D (INT) 1SI8818D CHECK VALVE INTERNALS	1SI05DD-6"		NOTE 3		VT-3/4	VT-3/4	NRI
NOTE: This exam was not scheduled for A1R08 but because it was disassembled for maintenance a VT-3/4 was performed on the valve internal surface. This examination satisfies the Interval 2 requirements for code item B12.50 for the Unit 1 SI8818 valve group (see ISI Program Plan, Note 3).								
B-J B09.40	1SI-23-02-FA.01 ELBOW - PIPE	1SI18FA-2"		NOTE 4	100	SUR	PT	NRI
B-J B09.40	1SI-23-03-FA.01 PIPE - ELBOW	1SI18FA-2"		NOTE 4	100	SUR	PT	NRI
B-J B09.40	1SI-23-04-FA.01 VALVE 1SI8819A - PIPE	1SI18FA-2"		NOTE 4	100	SUR	PT	NRI
C-F-1 C05.11	1SI-34-07 PIPE - ELBOW	1SI01B-24"		NOTE 4 NOTE 7	100% 100%	SUR VOL	PT UT-45	NRI GEOM
NOTES: Pt examined in as-ground condition. UT Indication No. 2 identified by RT as probable seam weld intersection on pipe side.								
C-F-1 C05.41	1SI-35-08 24" PIPE - 12" WELDOLET	1SI01B-24"		NOTE 4 NOTE 7	100%	SUR	PT	NRI
NOTE: PT examined in as-ground condition.								
C-F-1 C05.11	1SI-35-18 TEE - PIPE	1SI53AA-14"		NOTE 4 NOTE 7	100% 100% 100%	SUR SUR VOL	PT PT UT-45	NRI NRI NRI
NOTE: PT re-examined on 3/26/00 (A1R08) after further weld crown reduction.								
C-F-1 C05.11	1SI-35-43 WELDOLET - PIPE	1SI82AA-12"		NOTE 4 NOTE 7	100% 92%	SUR VOL	PT UT-45 UT-45L UT-70 UT-70L	NRI NRI NRI NRI NRI
OBSTRUCTION: One sided exam due to weld-o-let pipe configuration. No circ scan on weld-o-let base metal due to configuration.								

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 1 of 11)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1CV02010X (1) Strut	1CV10DB-3"		NOTE 8	VT-3/4	NRI
Supplemental Due To Recordable Indication Identified On Component Support 1CV06014X (Minor Boron accumulationon strut. No Metal Wastage)						
F-A F01.10	1CV06006X (1) Strut	1CVB7A-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1CV06014X						

Section 3.2 Detailed Inservice Inspection Component Support Listing
(Page 2 of 11)**SYSTEM:** Feedwater System (FW)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.20	1FW05024C (1) Constant Spring Can	1FW03DD-16"		NOTE 8	VT-3/4	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 3 of 11)

SYSTEM: Main Steam System (MS)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
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Inspection Comments

F-A F01.20 1MS07002C 1MS01AC-32.75" NOTE 8 VT-3/4 NRI
(2) Constant Spring Cans, IWA to pipe

2 Constant Supports. Constant Support travel settings are at the hot position as specified on the component support drawing. Travel indicator is at the mid point range (approx. 2") . Remote exam performed approx. 4' away.

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 4 of 11)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.10 1CV03003X (1) Strut	1RC28A-3"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1CV06001V (1) Variable Spring Can	1RC36A-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1CV06014X (This Support 1CV06001V is adjacent to 1CV06014X. Variable spring can setting 166# in tolerance. System filled and cold.).						
F-A	F01.10 1CV06003X (1) Strut	1RC36A-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1CV06014X (This Support is adjacent to 1CV06014X.). (Minor rust on bolting , no metal wastage.)						
F-A	F01.10 1CV06014X (1) Strut	1RC36A-3"		NOTE 8	VT-3/4 VT-3/4	IND. NRI
Spherical bearing slightly dislodged. Note this exam was performed as a result of an RI identified on this support during the previous inspection period. Additional RI identified. Spherical bearing dislodged slightly. Ref. PIF A-2000-01383.						
F-A	F01.10 1CV06015R (1) Strut	1RC36A-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1CV06014X (This Support is adjacent to 1CV06014X.(Minor rust on bolting ,no metal wastage).						
F-A	F01.10 1CV06020C (1) Constant Spring Can	1RC36A-3"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1CV24034R (1) Strut	1RC16AB-2"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC16104X Box	1RC22AA-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC16116R Box	1RC22AA-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC17053R (1) Strut	1RC22AB-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC17057X (1) Strut	1RC22AB-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC18031G Box	1RC22AC-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC18032X Box	1RC22AC-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC19041X (1) Strut	1RC22AD-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC19044G U-Bolt	1RC22AD-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RC19056R Box	1RC22AD-1.5"		NOTE 8	VT-3/4	NRI
F-A	F01.10 1RY06006X (1) Strut	1RC24AB-4"		NOTE 8	VT-3/4	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 5 of 11)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1RY06013V (1) Variable Spring Can	1RC24AA-4"		NOTE 8	VT-3/4	NRI
F-A F01.10	1RY06056X (1) Strut	1RC24AA-4"		NOTE 8	VT-3/4	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 6 of 11)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.20	1CV47044A Anchor, integrally attached to pipe	1RH12A-8"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI18007R Slide Plate Remote Exam 3' Away (Minor Surface Rust On Lower Component, No Metal Wastage)	1RH03AB-8"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI18009R (1) Strut	1RH03AB-8"		NOTE 8	VT-3/4	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 7 of 11)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1RB-064A Anchor, integrally attached to pipe	1SI03FB-2"		NOTE 8	VT-3/4	NRI
F-A F01.10	1RH02037R (1) Strut	1SIA4B-8"		NOTE 8	VT-3/4	NRI
F-A F01.10	1RH02040R (2) Struts	1SIA4B-8"		NOTE 8	VT-3/4	NRI
F-A F01.10	1RH02064V (1) Variable Spring Can	1SIA4B-8"		NOTE 8	VT-3/4	NRI
F-A F01.10	1SI01023R Box	1SI05DA-6"		NOTE 8	VT-3/4	NRI
F-A F01.10	1SI04014V (1) Variable Spring Can	1SI05DB-6"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI06105X (1) Strut	1SI01B-24"		NOTE 8	VT-3/4	NRI
Exam performed due to Recordable Indication identified during previous inspection period.						
F-A F01.20	1SI18013X Box	1SI05AB-8"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI18039R (1) Rod	1SI05AB-8"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI18082R (2) Struts	1SI05AA-8"		NOTE 8	VT-3/4	NRI
F-A F01.20	1SI18083A Anchor, integrally attached to pipe	1SI05AB-8"		NOTE 8	VT-3/4	NRI
F-A F01.10	1SI19002R (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X.						
F-A F01.10	1SI19013X (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI19014R (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI19020X (1) Strut	1SI08JB-1.5"		NOTE 8	VT-2	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI19021R (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI19022R (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 8 of 11)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.10 1SI19026X (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI20016X (1) Strut	1SI08JC-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI20020X (1) Strut	1SI08JC-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI20046R (1) Strut	1SI08JC-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X (This support is adjacent to support 1SI20045X. There are no other supports adjacent to 1SI20045X.)						
F-A	F01.10 1SI20049R (1) Strut	1SI08JC-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI21016X (1) Strut	1SI08JC-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI21019X (1) Strut	1SI08FA-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI21022X (1) Strut	1SI08E-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI21043R (1) Strut	1SI08E-3"		NOTE 8	VT-3/4	
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI21045X (1) Strut	1SI08GC-1.5"		NOTE 8	VT-2	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI22030R (1) Strut	1SI08JD-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI23002X (1) Strut	1SI08FA-3"		NOTE 8		NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI23004X (1) Strut	1SI08FA-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A	F01.10 1SI23007R Box	1SI08FA-3"		NOTE 8	VT-3/4	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing
(Page 9 of 11)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1SI23009X (1) Strut	1SI08FA-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI23011R (2) Struts	1SI08FA-3"		NOTE 8	VT-2	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI24003R (1) Strut	1SI08JA-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI24008X (1) Strut	1SI08JA-1.5"		NOTE 8	VT-2	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI24011X (1) Strut	1SI08JA-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25009R (1) Strut	1SI08GB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25014R (1) Strut	1SI08JD-1.5"		NOTE 8	VT-2	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25015R (1) Strut	1SI08HA-2"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25016X (1) Strut	1SI08HA-2"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25052X (1) Strut	1SI08JB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25054X (1) Strut	1SI08HB-2"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25055G (2) Struts	1SI08GB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25056R (1) Strut	1SI08GB-1.5"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						
F-A F01.10	1SI25059X (1) Strut	1SI08FA-3"		NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						

Section 3.2 Detailed Inservice Inspection Component Support Listing
(Page 10 of 11)**SYSTEM:** Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.10	1SI25060X (1) Strut	1SI08FA-3"	NOTE 8	VT-3/4	NRI
Supplemental Exam Due To Recordable Indication Identified On Component Support 1SI20045X						

Section 3.2 Detailed Inservice Inspection Component Support Listing

(Page 11 of 11)

SYSTEM: Essential Service Water System (SX)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.20	1PC-015A Anchor, integrally attached to pipe	1SX06BA-16"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX06002G Box	1SX06BA-16"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX06007R Box	1SX06CA-14"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX06022X (1) Strut	1SX06DC-10"		NOTE 8 VT-2	NRI
F-A	F01.20	1SX07007G (1) Strut	1SX06CB-14"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX07012R Box	1SX06EB-10"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX07034X (1) Strut	1SX06CB-14"		NOTE 8 VT-2	NRI
F-A	F01.20	1SX08001R (1) Strut	1SX07FA-16"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX08010G Strut and U-Bolt	1SX07EA-14"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX08097X (1) Strut	1SX09CA-10"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX09001R (1) Strut	1SX07FB-16"		NOTE 8 VT-3/4	NRI
F-A	F01.20	1SX09046R (1) Strut	1SX07FB-16"		NOTE 8 VT-3/4	NRI

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 1 of 12)

SYSTEM: Containment Spray System (CS)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.20	1CS03012S Snubber	1CS02AA-10"	12R-14	VT-3/4 Functional VT-2	NRI NRI NRI
S.N. 24407						
NA	NA	1CS04002S Snubber	1CS02AA-10"	12R-14	VT-3/4	NRI
S.N. 5180						
NA	NA	1CS04010S Snubber	1CS02AA-10"	12R-14	VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 27680						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 2 of 12)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.20 1CV01006S Snubber S.N. 16668	1CV08BA-4"	I2R-14		VT-3/4	NRI
NA	NA 1CV01040S Snubber S.N. 10673	1CV12AB-3"	I2R-14		VT-3/4	NRI
NA	NA 1CV13054S Snubber S.N. 14985	1CV43BC-2"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI
NA	NA 1CV31007S Snubber S.N. 20116	1CV15DA-.75"	I2R-14		VT-3/4	N/A
NA	NA 1CV31020S Snubber S.N. 14668	1CV15E-.75"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
NA	NA 1CV34008S Snubber	1CV14EA-2"	I2R-14		VT-3/4 Functional Functional VT-3/4	NRI NRI NRI NRI
SNUBBER S.N. 14440 WAS MARGINAL, REPLACED WITH S.N. 21593,TEST INFO. IS FOR REPLACEMENT						
NA	NA 1CV41025S Snubber S.N. 10353	1CV14ED-2"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
NA	NA 1CV41026S Snubber S.N. 10353	1CV14ED-2"	I2R-14		VT-3/4	NRI

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 3 of 12)

SYSTEM: Feedwater System (FW)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
NA NA	1FW10001S Snubber	1FW87BC-3"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 12428						
NA NA	1FW12025S Snubber	1FW87BB-3"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI N/A
S.N. 2394						
NA NA	1FW14002S Snubber	1FW87BA-3"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 12220						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 4 of 12)

SYSTEM: Main Steam System (MS)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.20	1MS01079S Snubber, integrally attached to pipe	1MS07AA-28"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 16148						
F-A F01.20	1MS06007AS Snubber, integrally attached to pipe	1MS01AB-32.75"	I2R-14		VT-2 Functional VT-3/4	NRI NRI NRI
S.N. 11093						
F-A F01.20	1MS06007BS Snubber, integrally attached to pipe	1MS01AB-32.75"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 11094						
F-A F01.20	1MS07006AS Snubber, integrally attached to pipe	1MS01AC-32.75"	I2R-14		VT-3/4	NRI
S.N. 11153						
F-A F01.20	1MS07006BS Snubber, integrally attached to pipe	1MS01AC-32.75"	I2R-14		VT-3/4	NRI
S.N. 11154						

Section 3.3 Detailed Inservice Inspection Snubber Listing
(Page 5 of 12)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1CV11023S Snubber	1RC14AA-2"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 14783						
F-A F01.40	1RC01BA-A Snubber	S.G A	I2R-14		VT-3/4	NRI
S. N. 13						
F-A F01.40	1RC01BA-B Snubber	S.G A	I2R-14		VT-3/4	NRI
S. N. 18						
F-A F01.40	1RC01BB-A Snubber	S.G B	I2R-14		VT-3/4	NRI
S.N. 23						
F-A F01.40	1RC01BB-B Snubber	S.G B	I2R-14		VT-3/4	NRI
S. N. 14						
F-A F01.40	1RC01BC-A Snubber	S.G C	I2R-14		VT-3/4	NRI
S.N. 12						
F-A F01.40	1RC01BC-B Snubber	S.G C	I2R-14		VT-3/4	NRI
S.N. 21						
F-A F01.40	1RC01BD-A Snubber	S.G D	I2R-14		VT-3/4	NRI
S.N. 25						
F-A F01.40	1RC01BD-B Snubber	S.G D	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 32						
F-A F01.10	1RC03006S Snubber	1RC21AC-8"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 11886						
NA NA	1RC16115S Snubber	1RC20AA-.75"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 3135						
F-A F01.10	1RY06017S Snubber	1RC24AA-4"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 20882						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 6 of 12)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1RY06096S Snubber	1RC24AA-4"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 15332						
F-A F01.10	1RY06154S Snubber	1RC24AA-4"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 9720						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 7 of 12)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1RH02012S Snubber	1RH01AB-12"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 8774						
F-A F01.10	1RH02205AS Snubber	1RH01AA-12"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 6290						
F-A F01.10	1RH02205BS Snubber	1RH01AA-12"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 4672						
F-A F01.20	1RH04012S Snubber	1RH03AB-8"	I2R-14		VT-3/4	NRI
S.N. 1327						
F-A F01.20	1RH08015S Snubber	1RH02AB-8"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 9863						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 8 of 12)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
NA NA	1RC93AS01S Snubber	1RY34BB-5"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 22590						
F-A F01.10	1RY06121S Snubber	1RY01AA-4"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 25610						
F-A F01.10	1RY06124S Snubber	1RY18A-2"	I2R-14		VT-3/4	NRI
S.N. 5646						
F-A F01.10	1RY09012S Snubber	1RY06A-3"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
S.N. 25435						
F-A F01.10	1RY09100S Snubber	1RY02B-3"	I2R-14		VT-3/4	N/A
S.N. 25405						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 9 of 12)

SYSTEM: Steam Generator Blowdown System (SD)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
NA NA	1SD23093S Snubber	1SD01CG-2"	I2R-14		VT-3/4	NRI
S.N. 12511						
NA NA	1SD23095S Snubber	1SD01CH-2"	I2R-14		VT-3/4 Functional	NRI NRI
SN 12283						

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 10 of 12)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.10 1RH02067S Snubber S.N. 10571	1SI04D-8"	I2R-14		VT-3/4	NRI
F-A	F01.10 1RH02069S Snubber S.N. 11555	1SI04D-8"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
F-A	F01.10 1RH02081S Snubber S.N. 29330	1SI04B-8"	I2R-14		VT-3/4	NRI
	F01.10 1SI01003S Snubber S.N. 2543. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S.	1SI09BA-10"	I2R-14		VT-3/4	NRI
F-A	F01.10 1SI01018S Snubber S.N. 16621	1SI05DA-6"	I2R-14		VT-3/4	NRI
F-A	F01.10 1SI01020S Snubber S.N. 16656	1SI05DA-6"	I2R-14		VT-3/4	NRI
F-A	F01.20 1SI01025S Snubber SERIAL NUMBER 20095. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S.	1SI05CA-8"	I2R-14		VT-3/4	NRI
F-A	F01.10 1SI01029S Snubber S.N. 16729	1SI05DA-6"	I2R-14		VT-3/4	NRI
NA	NA 1SI01031S Snubber SERIAL NUMBER 16654. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S.	1SI09BA-10"	I2R-14		VT-3/4	NRI
F-A	F01.20 1SI02003S Snubber SERIAL NUMBER 20665. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S.	1SI05CA-8"	I2R-14		VT-3/4	NRI
F-A	F01.20 1SI03003S Snubber S.N. 7391. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S.	1SI05CA-8"	I2R-14		VT-3/4	NRI
F-A	F01.10 1SI03016S Snubber SERIAL NUMBER 30168.	1SI05DD-6"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
F-A	F01.10 1SI03020S Snubber SERIAL NUMBER 9728. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S. Snubber was also scheduled for functional testing.	1SI05DD-6"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI

Section 3.3 Detailed Inservice Inspection Snubber Listing

(Page 11 of 12)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A	F01.10 1SI03023S Snubber	1SI09BD-10"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
SERIAL NUMBER 8809. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SI09013S. Snubber was also scheduled for functional testing.						
F-A	F01.10 1SI04003S Snubber	1SI09BB-10"	I2R-14		VT-3/4	NRI
S. N. 20020						
F-A	F01.10 1SI04016S Snubber	1SI05DB-6"	I2R-14		VT-3/4	N/A
S. N. 16732						
F-A	F01.10 1SI04020S Snubber	1SI05DB-6"	I2R-14		VT-3/4	NRI
S. N. 16582						
F-A	F01.10 1SI04022S Snubber	1SI05DB-6"	I2R-14		VT-3/4	NRI
S. N. 10235						
F-A	F01.20 1SI04024S Snubber	1SI05CB-8"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
SN 11988						
F-A	F01.20 1SI04026S Snubber	1SI05CB-8"	I2R-14		VT-3/4 Functional VT-3/4	NRI NRI NRI
SN 6416						
F-A	F01.20 1SI09006S Snubber	1SI05CB-8"	I2R-14		VT-3/4	NRI
S. N. 2088. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SIO9013S.						
F-A	F01.10 1SI09013S Snubber	1SI05DC-6"	I2R-14		VT-3/4 VT-3/4	IND. NRI
S. N.. 4014. R.I. Identified. Load pin assy installed at clamp end instead of load stud assy. Snubber assembly was operable / functional with pin installed. No functional test required. Load stud installed / acceptable. Ref. PIF A-2000-01385. Supplemental exams on other snubbers performed.						
F-A	F01.10 1SI09015AS Snubber	1SI05DC-6"	I2R-14		VT-2	NRI
S. N. 15511. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SIO9013S.						
F-A	F01.10 1SI09015BS Snubber	1SI05DC-6"	I2R-14		VT-3/4	N/A
S. N. 15517. Supplemental Section XI Exam performed due to Recordable Indication Identified On Snubber 1SIO9013S.						
F-A	F01.10 1SI09021S Snubber	1SI09BC-10"	I2R-14		VT-3/4	NRI
S. N. 8781						

Section 3.3 Detailed Inservice Inspection Snubber Listing
(Page 12 of 12)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
F-A F01.10	1SI16029S Snubber	1SI18FC-2"	I2R-14		VT-3/4	NRI
S. N. 14789						
F-A F01.10	1SI24012S Snubber	1SI08JA-1.5"	I2R-14		VT-3/4	N/A
S. N. 14827						

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

(Page 1 of 12)

SYSTEM: Component Cooling System (CC)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01CC-000002-M04-01A	I2R-05		VT-2	
	C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-13			

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 2 of 12)

SYSTEM: Containment Spray System (CS)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.10 A01CS-000003-M04-01A C07.30 40 Month Period ASME Section XI pressure Test. C07.50 C07.70	I2R-05 I2R-13	NOTE13	VT-2	
C-H	C07.10 A01CS-000003-M04-01B C07.30 40 Month Period ASME Section XI pressure Test. C07.50 C07.70	I2R-05 I2R-13		VT-2	
C-H	C07.10 A01CS-000003-M04-01C C07.30 40 Month Period ASME Section XI Pressure Test. The Test Pressure shall be those pressures developed when the Spray Additive Tank is pressurized with the nitrogen blanket. Use SNOOP or Ultraprobe to inspect nitrogen filled piping, valves and upper portion of Spray Additive Tank containing nitrogen blanket. C07.70	I2R-05 I2R-13		VT-2	

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 3 of 12)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.10 A01CV-000004-M04-01A	I2R-05	NOTE12	VT-2	
	C07.30 40 Month Period ASME Section XI Pressure Test.	I2R-12	NOTE15		
	C07.50	I2R-13	NOTE17		
	C07.70				
C-H	C07.30 A01CV-000004-M04-01B	I2R-05	NOTE12	VT-2	
	C07.50 40 Month Period ASME Section XI Pressure Test.	I2R-12	NOTE15		
	C07.70	I2R-13	NOTE17		

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 4 of 12)

SYSTEM: Fuel Pool Cooling System (AF)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01FC-000001-M04-01C C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13		
C-H	C07.30 A01FC-000001-M04-01D C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 5 of 12)

SYSTEM: Nitrogen System (NT)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01NT-000004-M04-01A	I2R-05		VT-2	
	C07.70 40 Month Period ASME Section XI Pressure Test. Perform SNOOP or Ultraprobe examination after electrical penetrations have been pressurized with nitrogen for at least four hours.	I2R-13			

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 6 of 12)

SYSTEM: Process Sampling System (PS)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H C07.30 C07.70	A01PS-000009-M04-01A 40 Month Period ASME Section XI Pressure Test. OPEN valve 1PS9356A and one of the following valves: 1PS9358A,B,C,D or 1PS9351A,B.	I2R-05 I2R-13	NOTE13	VT-2	
C-H C07.30 C07.70	A01PS-000009-M04-01B 40 Month Period ASME Section XI Pressure Test. OPEN valves 1PS9350A and 1PS9354A.	I2R-05 I2R-13	NOTE13	VT-2	
C-H C07.30 C07.70	A01PS-000009-M04-01C 40 Month Period ASME Section XI Pressure Test. OPEN valves 1PS9350B and 1PS9355A.	I2R-05 I2R-13	NOTE13	VT-2	
C-H C07.30 C07.70	A01PS-000009-M04-01D 40 Month Period ASME Section XI Pressure Test. OPEN valve 1PS9357A and one of the following valves: 1PS9352A,B,C,D.	I2R-05 I2R-13	NOTE13	VT-2	
C-H C07.30 C07.70	A01PS-000009-M04-01E 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-13	NOTE13	VT-2	

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 7 of 12)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.10 A01RH-000003-M04-01A	I2R-05	NOTE13	VT-2	
	C07.30 40 Month Period ASME Section XI Pressure Test. VERIFY loop "A" in	I2R-12			
	C07.50 service.	I2R-13			
	C07.70				
C-H	C07.10 A01RH-000003-M04-01B	I2R-05	NOTE13	VT-2	
	C07.30 40 Month Period ASME Section XI Pressure Test. VERIFY loop "B" in	I2R-12			
	C07.50 service.	I2R-13			
	C07.70				
C-H	C07.30 A01RH-000003-M04-01D	I2R-05	NOTE13	VT-2	
	C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-12			
		I2R-13			
C-H	C07.30 A01RH-000003-M04-01E	I2R-05	NOTE13	VT-2	
	C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-12			
		I2R-13			

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

(Page 8 of 12)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01RY-000004-M04-01A C07.70 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	N/A
C-H	C07.30 A01RY-000004-M04-01B C07.70 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	N/A
C-H	C07.30 A01RY-000004-M04-01C C07.70 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	N/A
C-H	C07.30 A01RY-000004-M04-01E C07.70 40 Month Period ASME Section XI Pressure Test. SNOOP or Ultraprobe piping during performance of Local Leak Rate Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	N/A

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

(Page 9 of 12)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01SI-000010-M04-01A C07.50 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01B C07.50 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01C C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01D C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01F C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01G C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.10 A01SI-000010-M04-01J C07.30 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.10 A01SI-000010-M04-01K C07.30 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.10 A01SI-000010-M04-01L C07.30 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.10 A01SI-000010-M04-01M C07.30 40 Month Period ASME Section XI Pressure Test. C07.70	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01N C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	
C-H	C07.30 A01SI-000010-M04-01P C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13	VT-2	

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 10 of 12)

SYSTEM: Essential Service Water System (SX)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 A01SX-000011-M04-01N C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-13		VT-2	
C-H	C07.30 A01SX-000011-M04-01P C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-13		VT-2	
C-H	C07.30 A01SX-000011-M04-01T C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-13		VT-2	
C-H	C07.30 A01SX-000011-M04-01U C07.70 40 Month Period ASME Section XI Pressure Test.	I2R-05 I2R-13		VT-2	

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing
(Page 11 of 12)

SYSTEM: Containment Chilled Water System (WO)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H C07.30	A00WO-000001-M04-01C	I2R-05		VT-2	
C07.70	40 Month Period ASME Section XI Pressure Test. Verify applicable Train operability prior to performing VT-2 Visual Examination of test boundary.	I2R-13			
C-H C07.30	A00WO-000001-M04-01D	I2R-05		VT-2	
C07.70	40 Month Period ASME Section XI Pressure Test. Verify applicable Train operability prior to performing VT-2 Visual Examination of test boundary.	I2R-13			

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

(Page 12 of 12)

SYSTEM: Plant Systems Pressurized During Mode 3 (ZZ)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.10 A01ZZ-000005-M04-01A	I2R-05	NOTE13	VT-2	NRI
	B15.20 Periodic (each refueling outage) ASME Section XI Pressure Test.	I2R-12	NOTE14		
	B15.30	I2R-13	NOTE17		
	B15.50	I2R-30			
	B15.60/70	I2R-31			
	VT- 2 exam performed during mode 3 (NOP/NOT) A1R08. Reference WR# 990132907-01. Systems inservice for 4 hours prior to performing VT-2 exam.				
C-H	C07.10 A01ZZ-000078-M04-03A	I2R-05	NOTE13	VT-2	NRI
	C07.30 40 Month Period ASME Section XI Pressure Test. All Code Class 2	I2R-12			
	C07.70 components inside containment. VT-2 Visual Inspection of components outside Missile Barrier may be performed during Mode 1 if conditions permit.	I2R-13			
	VT- 2 exam performed during mode 3 (NOP/NOT) A1R08. Reference WR# 990132032-01. Systems inservice for 4 hours prior to performing VT-2 exam.				

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 1 of 13)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.50 1CV-06-B1 (B-P)	I2R-12		VT-2	NRI
	B15.51 FLANGE BOLTING (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV123 (C-H)	I2R-12			
	C07.80 1CV123 VLV (6 STUDS)	I2R-13			
Insulation not removed for inspection. (A1R08)					
B-P	B15.70 1CV459 (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV459 GLOBE VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV460 (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV460 GLOBE VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable. Component was examined by using a ladder.					
C-H	C07.70 1CV8112 (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8112 VLV (8 STUDS)	I2R-13		VT-2	NRI
VT-1 NRI					
Boric acid residue on body to bonnet bolting, caused by packing leak. Component was deconned, bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by the boric acid leakage. AR 990090144 generated to adjust packing.					
C-H	C07.70 1CV8117 (C-H)	I2R-12			
	C07.80 1CV8117 VLV (6 STUDS)	I2R-13			
Component not insulated in the area of interest.					
C-H	C07.70 1CV8121 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8121 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8142 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8142 VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8143 (C-H)	I2R-12			
	C07.80 1CV8143 VLV (4 STUDS)	I2R-13			
Not insulated in the area of interest, body to bonnet interface, bonnet bolting. (A1R08)					
B-P	B15.70 1CV8145 (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8145 GLOBE VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8146 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8146 VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8147 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8147 VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8149A (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8149A VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 2 of 13)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.70 1CV8149B (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8149B VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8149C (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8149C VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8153A (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8153A VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8153B (B-P)	I2R-12		VT-2	IND.
	B15.71 1CV8153B VLV (6 STUDS)	I2R-13		VT-2	NRI
				VT-1	NRI
Body to Bonnet dry boric acid residue around valve 1CV8153B. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts or components affected by boric acid leakage. AR 990080720 generated to check bolt torque.					
C-H	C07.70 1CV8160 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8160 VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8320A (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8320A VLV (16 STUDS)	I2R-13		VT-1	NRI
Minor evidence of boric acid leakage noted. Component was deconned. (VT-1) Bolting material not affected by leakage.					
C-H	C07.70 1CV8320B (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8320B VLV (16 STUDS)	I2R-13		VT-1	NRI
Minor evidence of boric acid leakage noted. Component was deconned. (VT-1) Bolting material not affected by leakage.					
C-H	C07.70 1CV8321A (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8321A VLV (10 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8321B (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8321B VLV (10 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8322A (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8322A VLV (10 STUDS)	I2R-13		VT-2	NRI
				VT-1	NRI
Dry boron nonactive packing leak found on 1CV8322A. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs,nuts,or components affected by the boric acid leakage. AR 990081584 generated to replace gasket during A1R09.					
C-H	C07.70 1CV8322B (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8322B VLV (10 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 3 of 13)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.70 1CV8323A (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8323A VLV (16 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Boric acid residue found around flange area. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs,nuts,or components affected by the boric acid leakage. AR 990081584 generated to replace gasket during A1R09.					
C-H	C07.70 1CV8323B (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8323B VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8374 (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8374 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8378A (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8378A CHECK VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8378B (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8378B CHECK VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8379A (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8379A CHECK VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1CV8379B (B-P)	I2R-12		VT-2	NRI
	B15.71 1CV8379B CHECK VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8389A (C-H)	I2R-12		VT-2	NRI
	C07.80 1CV8389A VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1CV8389B (C-H)	I2R-12		VT-2	IND.
	C07.80 1CV8389B VLV (6 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Packing leak (dry boron) found on 1CV8389B. Component was deconned. Bolting material not affected by packing leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts,or components affected by boric acid leak.					
B-P	B15.50 PG-2546C-014 F-2-2 (B-P)	I2R-12		VT-2	NRI
	B15.51 FLANGED CONNECTION (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 PG-2546C-018 F-1-5 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 PG-2546C-020 F-1-1 (C-H)	I2R-12		VT-2	IND.
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Boric acid residue found around flange area. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs,nuts,or components affected by the boric acid leakage. AR 990079961 generated to retorquing bolting.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 4 of 13)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 PG-2546C-041 F-1-1 (C-H)	I2R-12		VT-2	IND.
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Boric acid residue found around flange area. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs,nuts,or components affected by the boric acid leakage. AR 990081339 generated to retorque bolting.					
C-H	C07.30 PG-2546C-063 F-1-1 (C-H)	I2R-12		VT-2	IND.
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Boric acid residue found around flange area. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs,nuts,or components affected by the boric acid leakage. AR 990081332 generated to retorque bolting.					
C-H	C07.30 PG-2546C-066 F-1-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
Component not insulated. Located in the excess letdown HX pit.					
C-H	C07.30 PG-2546C-068 F-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Insulation not removed for inspection. (A1R08)					
B-P	B15.50 PG-2546C-071 F-2-3 (B-P)	I2R-12			
	B15.51 FLANGED CONNECTION (4 STUDS)	I2R-13			
Component not insulated in the area of interest.					
C-H	C07.30 PG-2546C-073 F-1-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-076 F-1-3 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
Component not insulated in the area of interest.					
C-H	C07.30 PG-2546C-081 FL-1-2 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-083 FL-1-2 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 PG-2546C-089 FL-1-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 PG-2546C-090 F-1-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.50 PG-2546C-091 F-2-3 (B-P)	I2R-12		VT-2	NRI
	B15.51 FLANGED CONNECTION (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing
(Page 5 of 13)

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 PG-2546C-093 F-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Insulation not removed for inspection. (A1R08)					
B-P	B15.50 PG-2546C-101 F-2-3 (B-P)	I2R-12		VT-2	NRI
	B15.51 FLANGED CONNECTION (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 PG-2546C-108 F-1-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-119 F-1-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-119 F-2-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-122 F-1-1 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					
C-H	C07.30 PG-2546C-122 F-2 (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (4 STUDS)	I2R-13			
Component un-insulated and examined during A1R07. Insulation permanently removed during A1R07 reference ER 9900979.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing
(Page 6 of 13)**SYSTEM:** Pressurizer (PZR)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.20 1PZR-01-B1 (B-P)	I2R-12		VT-2	NRI
	B15.21 MANWAY BOLTING (16 TOTAL)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 7 of 13)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P B15.50 B15.51	1RC-19-B3 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2	IND.
Heavy boron accumulation around flange noted. Bolting material and gasket being replaced during A1R08, reference WR 980118188.					
B-P B15.50 B15.51	1RC-20-B1 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2	IND.
Heavy boron accumulation around flange noted. Bolting material and gasket being replaced during A1R08, reference WR 980120215.					
B-P B15.50 B15.51	1RC-23-B1 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2	IND.
Heavy boron accumulation around flange noted. Gasket, studs, and nuts are being replaced during A1R08, reference WR 980120187.					
B-P B15.50 B15.51	1RC-27-B1 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2	IND.
Heavy boron accumulation around flange noted. Bolting material and gasket being replaced during A1R08, reference WR 980120201.					
B-P B15.70 B15.71	1RC8001A (B-P) 1RC8001A VALVE BOLTING (24 TL)	I2R-13 I2R-30		VT-2	NRI
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P B15.70 B15.71	1RC8002A (B-P) 1RC8002A VALVE BOLTING (24 TL)	I2R-13 I2R-30		VT-2	IND.
Minor evidence of boric acid leakage noted. Component was deconned. Bolting material not affected by leakage.					
B-P B15.70 B15.71	1RC8003A (B-P) 1RC8003A ANGLE GLOBE(12 STUDS)	I2R-13 I2R-30		VT-2	NRI
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P B15.70 B15.71	1RC8036A (B-P) 1RC8036A GLOBE VLV (6 STUDS)	I2R-12 I2R-13		VT-2 VT-2 VT-1	IND. NRI NRI
Packing leak (dry boron) found on 1RC8036A. Component was deconned. Bolting material not affected by packing leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by boric acid leak.					
B-P B15.70 B15.71	1RC8036B (B-P) 1RC8036B GLOBE VLV (6 STUDS)	I2R-12 I2R-13		VT-2	NRI
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P B15.70 B15.71	1RC8036C (B-P) 1RC8036C GLOBE VLV (6 STUDS)	I2R-12 I2R-13		VT-2 VT-2 VT-1	IND. NRI NRI
Packing leak (dry boron) found on 1RC8036C. Component was deconned. Bolting material not affected by packing leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by boric acid leak. AR 990081752 generated to adjust packing.					
B-P B15.70 B15.71	1RC8036D (B-P) 1RC8036D GLOBE VLV (6 STUDS)	I2R-12 I2R-13		VT-2 VT-2 VT-1	IND. NRI NRI
Dry boron non-active seeping up through component bolting. Component was deconned. Bolting material not affected by the boron leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by the boric acid leakage. AR 990081583 generated to replace gasket during A1R09.					
B-P B15.70 B15.71	1RC8037A (B-P) 1RC8037A GLOBE VLV (6 STUDS)	I2R-12 I2R-13		VT-2	NRI
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 8 of 13)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.70 1RC8037B (B-P)	I2R-12		VT-2	IND.
	B15.71 1RC8037B GLOBE VLV (6 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Packing leak (dry boron) found on 1RC8037B. Component was deconned. Bolting material not affected by packing leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by boric acid leak. AR 990081813 generated to adjust packing.					
B-P	B15.70 1RC8037C (B-P)	I2R-12		VT-2	IND.
	B15.71 1RC8037C GLOBE VLV (6 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Packing leak (dry boron) found on 1RC8037C. Component was deconned. Bolting material not affected by packing leak. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs, nuts, or components affected by boric acid leak. AR 990081759 generated to adjust packing.					
B-P	B15.70 1RC8037D (B-P)	I2R-12		VT-2	NRI
	B15.71 1RC8037D GLOBE VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1RC8085 (B-P)	I2R-12		VT-2	NRI
	B15.71 1RC8085 GATE VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.10 1RV-03-STUDS (01 TO 54, B-P)	I2R-13		VT-2	NRI
	B15.11 CLOSURE HEAD STUDS (54 TOTAL)	I2R-31			
No evidence of boric acid leakage. Insulation removed for inspection.					
B-P	B15.30 1SG-05-SGB-01 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-05-SGB-02 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-06-SGB-01 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-06-SGB-02 (B-P)	I2R-13		VT-2	N/A
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-07-SGB-01 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-07-SGB-02 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.30 1SG-08-SGB-01 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing
(Page 9 of 13)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.30 1SG-08-SGB-02 (B-P)	I2R-13		VT-2	NRI
	B15.31 PRIMARY MANWAY (20 STUDS)	I2R-31			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 10 of 13)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.30 1RH-02 F-1-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (20 STUDS)	I2R-13		VT-1	NRI
No evidence of leakage (boric acid residue) noted, VT-2 acceptable. Signs of past leakage noted, minor corrosion on bolting. VT-1 exam performed on bolting, no degradation noted on bolting material.					
C-H	C07.30 1RH-02 F-2-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (20 STUDS)	I2R-13		VT-1	NRI
No evidence of leakage (boric acid residue) noted, VT-2 acceptable. Signs of past leakage noted, minor corrosion on bolting. VT-1 exam performed on bolting, no degradation noted on bolting material.					
C-H	C07.30 1RH-02 F-4 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH-03 F-2 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (24 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH-05 F-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (24 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH-05 F-2 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (24 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH-05 F-3-1 (C-H)	I2R-12		VT-2	IND.
	C07.40 FLANGED CONNECTION (12 STUDS)	I2R-13		VT-1	IND.
Boron accumulation around entire flange connection (gasket leak), component was deconned and re-examined. (VT-1) results, thread wastage observed on bolting material. AR 990080608 generated to replace flange gasket and bolting. PIF #A2000-01149 Component 1FE-0619					
C-H	C07.30 1RH-06 F-1-1 (C-H)	I2R-12		VT-2	IND.
	C07.40 FLANGED CONNECTION (12 STUDS)	I2R-13		VT-2 VT-1	NRI NRI
Boron accumulation around entire flange connection. Component was deconned. Bolting material not affected. (Post VT-2) no active leakage NRI. (VT-1) no degradation of studs or nuts affected by the boric acid leakage. AR 990080395 generated to change flange gasket. Component 1FE-0611					
C-H	C07.30 1RH-07 F-2-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (20 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH-07 F-3-1 (C-H)	I2R-12		VT-2	NRI
	C07.40 FLANGED CONNECTION (20 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.30 1RH01MB (C-H)	I2R-12			
	C07.40 FLANGED CONNECTION (12 STUDS)	I2R-13			
Component no longer exists, strainer replaced with spool piece.					
C-H	C07.70 1RH606 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH606 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 11 of 13)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
C-H	C07.70 1RH607 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH607 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH610 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH610 VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH611 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH611 VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH618 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH618 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH619 (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH619 VLV (4 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1RH8701B (B-P)	I2R-13		VT-2	NRI
	B15.71 1RH8701B GATE VALVE (18 STUDS)	I2R-30			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH8708B (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH8708B VLV (6 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH8724A (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH8724A VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH8724B (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH8724B VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH8730A (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH8730A VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
C-H	C07.70 1RH8730B (C-H)	I2R-12		VT-2	NRI
	C07.80 1RH8730B VLV (16 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 12 of 13)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.70 1RY455B (B-P)	I2R-12		VT-2	NRI
	B15.71 1RY455B GLOBE VALVE (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1RY455C (B-P)	I2R-12		VT-2	NRI
	B15.71 1RY455C GLOBE VALVE (8 STUDS)	I2R-13			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1RY8000A (B-P)	I2R-12		VT-2	NRI
	B15.71 1RY8000A GATE VALVE (16 STUDS)	I2R-13		VT-1	NRI
Minor boron residue around body to bonnet connection. Component deconned and re-examined, VT-2 NRI. VT-1 performed on bolting NRI.					
B-P	B15.70 1RY8000B (B-P)	I2R-12		VT-2	NRI
	B15.71 1RY8000B GATE VALVE (16 STUDS)	I2R-13		VT-1	NRI
Minor boron residue around body to bonnet connection. Component deconned and re-examined, VT-2 NRI. VT-1 performed on bolting NRI.					

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 13 of 13)

SYSTEM: Safety Injection System (SI)

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
B-P	B15.70 1SI8948A (B-P)	I2R-13		VT-2	NRI
	B15.71 1SI8948A CHECK VALVE (18 STUDS)	I2R-30			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable.					
B-P	B15.70 1SI8949A (B-P)	I2R-13		VT-2	NRI
	B15.71 1SI8949A VLV (16 STUDS)	I2R-30			
No evidence of leakage (boric acid residue) noted. VT-2 acceptable. Component not insulated in the area of interest.					

4.0 NIS-1 FORM (OWNER'S REPORT FOR INSERVICE INSPECTION)

As required by IWA-6000 of Section XI, this section contains the Owner's Report for Inservice Inspections, Form NIS-1, for the preservice and inservice examination of Class 1 and Class 2 pressure retaining components and their supports.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules
(Page 1 of 4)

1. Owner ComEd, P.O. Box 767, Chicago, Illinois 60690
(Name and Address of Owner)
2. Plant Braidwood Nuclear Power Station, 35100 S. Rt 53 Suite 84, Braceville, Illinois 60407
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195
7. Components Inspected See Section 3 of this report.

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Component Cooling System (CC)	N/A	N/A	N/A	N/A
Containment Spray System (CS)	N/A	N/A	N/A	N/A
Chemical & Volume Control System (CV)	N/A	N/A	N/A	N/A
Fuel Pool Cooling System (AF)	N/A	N/A	N/A	N/A
Feedwater System (FW)	N/A	N/A	N/A	N/A
Main Steam System (MS)	N/A	N/A	N/A	N/A
Nitrogen System (NT)	N/A	N/A	N/A	N/A
Process Sampling System (PS)	N/A	N/A	N/A	N/A

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

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules
(Page 2 of 4)

1. Owner ComEd, P.O. Box 767, Chicago, Illinois 60690
(Name and Address of Owner)
2. Plant Braidwood Nuclear Power Station, 35100 S. Rt 53 Suite 84, Braceville, Illinois 60407
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate Of Autherization (if required) N/A
5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195
7. Components Inspected See Section 3 of this report.

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Pressurizer (PZR)	N/A	N/A	N/A	N/A
Reactor Coolant System (RC)	N/A	N/A	N/A	N/A
Residual Heat Removal System (RH)	N/A	N/A	N/A	N/A
Reactor Coolant System (RY)	N/A	N/A	N/A	N/A
Steam Generator Blowdown System (SD)	N/A	N/A	N/A	N/A
Safety Injection System (SI)	N/A	N/A	N/A	N/A
Essential Service Water System (SX)	N/A	N/A	N/A	N/A
Containment Chilled Water System (WO)	N/A	N/A	N/A	N/A

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

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules
(Page 3 of 4)

1. Owner ComEd, P.O. Box 767, Chicago, Illinois 60690
(Name and Address of Owner)
2. Plant Braidwood Nuclear Power Station, 35100 S. Rt 53 Suite 84, Braceville, Illinois 60407
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate Of Authorization (if required) N/A
5. Commercial Service Date 7/29/88 6. National Board Number for Unit N-195
7. Components Inspected See Section 3 of this report.

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Plant Systems Pressurized During Mode 3 (ZZ)	N/A	N/A	N/A	N/A

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

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules
(Page 4 of 4)

(BACK)

- 8. Examination Dates November 15, 1998 to April 5, 2000
- 9. Inspection Period Identification: First Inspection Period
- 10. Inspection Interval Identification: Second Inspection Interval
- 11. Applicable Edition of Section XI 1989 Addenda No Addenda
- 12. Date/Revision of Inspection Plan: Second Interval ISI Program Plan, Revision 2, submitted on September 2, 1998

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

A summary of examinations is discussed in Section 2, with a detailed listing of examinations contained in Section 3.

14. Abstract of Results of Examination and Tests.

A summary and discussion of examination results are contained with the detailed listing of examinations provided in Section 3.

15. Abstract of Corrective Measures.

A summary of corrective measures are contained with the detailed listing of examinations provided in Section 3.

We certify that a) the statements made in this report are correct, b) the examination and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) 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 27 June 20 00 Signed ComEd By Michael J Smith
Owner

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 HSBIS I CO. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 11-15-98 to 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

L. M...

Inspector's Signature

Commissions NB # 8756 - "I" N IL # 1085
National Board, State, Province, and Endorsements

Date 6-27- 20 00

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

5.0 REPORT OF CONTAINMENT DEGRADATION

The Nuclear Regulatory Commission (NRC) has amended its Code of Federal Regulations (10CFR 50.55a) to incorporate by reference the 1992 Edition with the 1992 Addenda of Subsection IWE (Requirements for Class MC and Metallic Liners of Class CC Components of Light-Water Cooled Power Plants) and Subsection IWL (Requirements for Class CC Components of Light-Water Cooled Power Plants) of ASME Section XI, Division 1, with specified modifications and a limitation noted. This segment is included in the Inservice Inspection Summary report required by IWA-6000 of ASME Section XI to meet the reporting conditions specified in 10CFR 50.55a(b)(2)(viii)(A)-(E) and 10CFR 50.55a(b)(2)(ix)(A)-(E).

5.1 Containment Tendon Water Surveillance

Braidwood Station performs an annual surveillance of a random sample of the containment anchorage components that are located below grade. Grade elevation at Braidwood is 401'. The purpose of the surveillance is to monitor the post tensioning systems for evidence of free water and identify any adverse affects the free water may have on the tendon anchorage components. The Surveillance Procedure employed to perform this inspection is ComEd Procedure BwVSR 5.5.6-2 "Containment Tendon Water Inspection Surveillance". A summary of the required Unit 1 data is attached (Pages 5-2 to 5-3). The NRC Code Of Federal Regulations, 10CFR 50.55a Codes and Standards (ix) Examination of Concrete Containments (D) requires that the licensee report the following conditions, if they occur, in the ISI Summary Report required by ASME Section XI, IWA-6000:

- The sampled sheathing filler grease contains chemically combined water exceeding 10 percent by weight or the presence of free water.
- The absolute difference between the amount of sheathing filler grease removed and that replaced exceeds 10 percent of the tendon net duct volume.

Leakage is detected during general visual examination of the containment surface.

In accordance with the Braidwood Technical Requirements Manual (TRM) and ASME Section XI, IWL -3300, items which do not meet the acceptance standards shall be evaluated. An Engineering Evaluation Report stating the following shall be prepared:

- Description of the condition of the tendon.
- The condition of the concrete (especially at tendon anchorage locations).
- The tolerance on concrete cracking.
- The cause of the condition that does not meet the acceptance standards.
- The acceptability of the concrete containment without repair of the item.
- Whether or not repair or replacement is required and if required, the extent, method, and completion date for the repair or replacement.
- The corrective actions taken.
- The extent, nature, and frequency of additional examinations.

References: NRC Code of Federal Regulations, 10CFR 50.55a Codes and Standards
ASME Section XI Boiler and Pressure Vessel Code, Subsection 1WL,
1992 Edition with the 1992 Addenda.
Braidwood Station Technical Requirements Manual (TRM)

Description of Surveillance:

Braidwood Station performs an annual surveillance of a random sample of containment tendon anchorage components located below grade. Grade elevation at Braidwood is 401'. The purpose of the surveillance is to monitor the post tensioning systems for evidence of free water and identify any adverse affects the free water may have on the post tensioning system and concrete. The procedure employed to perform this inspection is ComEd Procedure BwVSR 5.6.6-2 "Containment Tendon Water Inspection Surveillance". Braidwood has the 170 wire "INRYCO" 0.25" diameter wire tendon system installed in both units.

Description Of Conditions Which Exceeded Acceptance Standards:

A small quantity of free water was collected from five anchorage locations. The acceptance standard for the quantity of free water collected from any location is zero. Free water was not collected in sufficient quantities to perform a chemical analysis.

The following tables provide a summation of the free water that was collected and the results of the chemical analysis that was performed on the grease samples. No free water was included in the grease samples. All grease samples were obtained from areas immediately adjacent to the tendon anchorage components. Tendons with an "H" prefix are in a horizontal configuration. Tendons with a "V" prefix are in a vertical configuration. Conditions where the acceptance criteria was exceeded are in bold print.

TABLE 1**Braidwood Unit 1 1999 Surveillance Free Water
Quantification and Chemical Analysis Results**

Tendon EPN	Anchorage End	Elevation Of Anchorage	Quantity Of Free Water Collected	pH Level Laboratory	Comments
H1AC-A	Shop	378'-8"	zero	N/A	No Free Water Collected.
H1AC-C	Field	378'-8"	1 ounce	N/A	Free water not collected in sufficient quantity for laboratory analysis.
H1BA-A	Field	378'-8"	1 ounce	N/A	Free water not collected in sufficient quantity for laboratory analysis.
H1BA-B	Shop	378'-8"	1 ounce	N/A	Free water not collected in sufficient quantity for laboratory analysis.
H1CB-C	Shop	378'-8"	zero	N/A	No Free Water Collected.
H1CB-B	Field	378'-8"	2 ounces	N/A	Free water not collected in sufficient quantity for laboratory analysis.
H2AC-A	Shop	381'-3"	zero	N/A	No Free Water Collected.
H2CA-C	Field	381'-3"	3 ounces	N/A	Free water not collected in sufficient quantity for laboratory analysis.
V41-B	Field	362'-0"	zero	N/A	No Free Water Collected.
V42-B	Field	362'-0"	zero	N/A	No Free Water Collected.

TABLE 2

Braidwood Unit 1 1999 Surveillance Free Water Sheathing Filler Grease Chemical Analysis Results

Tendon EPN	Anchorage End	Quantity Of Free Water Collected	Moisture Content (% by wt.)	Water Soluble Chlorides (ppm)	Water Soluble Nitrate (ppm)	Water Soluble Sulfide (ppm)	Neutralization No. Reserve Alkalinity (Base No.) mg/KOH/g
		Note 1	Note 2	Note 3	Note 4	Note 5	Note 6
H1AC-A	Shop	zero	<0.10%	<.0.50 ppm	1.25 ppm	<.0.50 ppm	61.7 mg KOH/g
H1AC-C	Field	1 ounce	<0.10%	<.0.50 ppm	0.62 ppm	<.0.50 ppm	53.1 mg KOH/g
H1BA-A	Field	1 ounce	<0.10%	<.0.50 ppm	<.0.50 ppm	<.0.50 ppm	35.9 mg KOH/g
H1BA-B	Shop	1 ounce	<0.10%	<.0.50 ppm	1.25 ppm	<.0.50 ppm	53.4 mg KOH/g
H1CB-C	Shop	zero	0.88%	<.0.50 ppm	1.87 ppm	<.0.50 ppm	49.4 mg KOH/g
H1CB-B	Field	2 ounces	0.56%	<.0.50 ppm	<.0.50 ppm	<.0.50 ppm	51.8 mg KOH/g
H2AC-A	Shop	zero	<0.10%	<.0.50 ppm	0.94 ppm	<.0.50 ppm	27.3 mg KOH/g
H2CA-C	Field	3 ounces	<0.10%	<.0.50 ppm	2.18 ppm	<.0.50 ppm	55.7 mg KOH/g
V41-B	Field	zero	0.13%	<.0.50 ppm	<.0.50 ppm	<.0.50 ppm	30.1mg KOH/g
V42-B	Field	zero	<0.10%	<.0.50 ppm	<.0.50 ppm	<.0.50 ppm	45.6 mg KOH/g

Note 1: Acceptance Standard for Free Water is zero.

Note 2: Acceptance Standard for Moisture Content: Moisture Content shall not exceed 10% by wt.

Note 3: Acceptance Standard for Water Soluble Chlorides: 10 ppm max.

Note 4: Acceptance Standard for Water Soluble Nitrates: 10 ppm max.

Note 5: Acceptance Standard for Water Soluble Sulfides: 10 ppm max.

Note 6: Acceptance Standard for Reserve Alkalinity (Base No.): The base no. shall be at least 50% of the installed value, unless the value is 5 or less, in which case the as installed value shall be no less than zero. If the tendon duct is filled with a mixture of materials having various installed numbers, the lowest numbers shall govern acceptance. The containment tendon ducts at Braidwood are filled with "Visconrust 2090P-4" Casing Filler For Tendon Sheathing. The neutralization base no. as published by the manufacturer is a minimum of 35. Therefore the acceptance criteria as applied to the tendon surveillance inspections at Braidwood is a minimum of 50% of the installed value or a minimum of 17.5 mg KOH/g.

Evaluation Of Conditions and Corrective Actions

Description Of The Condition Of The Tendons:

The tendon anchorage components including the anchor heads, shims, bearing plates, button heads, bushings, and button heads were cleaned of all grease using approved solvents. A visual examination (VT-1) was performed on all tendon anchorage components. The exams resulted in the identification of no condition where significant degradation was identified. No active corrosion exists on the anchor heads, shims, button heads, or bushings. No active corrosion exists on the portion of the bearing plates that is covered by the grease can. Some minor active corrosion (surface rust) exists on the portion of the bearing plates that is outside the sealing surface of the grease can and gasket. This corrosion is minor and does not adversely affect the structural integrity of the bearing plate.

Description Of The Condition Of The Concrete (Tendon Anchorage Locations):

The concrete extending 24" beyond each bearing plate was visually examined using the VT-1C method. The tolerance for cracking is "no crack width shall exceed a width of 0.010". No crack widths exceeded the acceptance standards. The concrete surrounding all bearing plates is sound and not structurally degraded. Some discoloration and moist areas were identified in small areas around tendons V41-B and V42-B. The grease cans were removed from these locations. No free water was collected. The grease and anchorage components are in good condition.

Root Cause of The Condition That Did Not Meet The Acceptance Standards:

The source of the free water is indeterminate. The free water may be a result of condensation forming in the grease can or the intrusion of very small quantities of free water from external sources.

Acceptability Of The Containment Without Repair:

The containment is acceptable as is without repair. The existence of the free water in the tendon grease can does not affect the structural integrity of the containment. The following provides justification for this conclusion:

- The chemical analysis results for the grease samples indicated no conditions where the acceptance standards were exceeded.
- A visual examination (VT-1) was performed on the tendon anchorage components.

No conditions that indicate structural degradation were identified. The anchorage components are in good condition. With the exception of that identified on the outer portions of the bearing plates, no active corrosion was identified. No cracks were identified. The quantity of effective wires (not unseated or protruding) matched that recorded during previous inspections.

- A visual examination (VT-1C) was performed on the concrete extending 24" out from each tendon anchorage location. The acceptance standard on cracking is no crack width shall exceed 0.010" in width. No cracks exceeded 0.010" in width. The concrete is in good condition. No conditions indicative of structural degradation were identified.
- The quantity of sheathing filler grease that was replaced versus that removed was within 10% of the tendon net duct volume in all cases.
- The grease cans for all tendon locations located below grade were examined. 162 vertical tendon grease cans and 66 horizontal tendon grease cans were examined. Each can was examined for corrosion, grease leakage, and deformation. One tendon location (V146) was identified to have minor grease leakage from the gasket connection. The grease can was removed and the gasket was replaced. V146 was not scheduled to be included in the free water surveillance exam scope. No free water was collected when the grease can was removed. The grease condition is normal. No actions beyond replacement of the gasket were performed. Minor surface rust was identified on the grease cans and bolting. No corrosion that challenges the structural integrity or leak tightness of the grease cans was identified. No deformation or additional grease leakage was identified.
- The issue of the effect free water has on the corrosion protection properties of the grease has been previously discussed with the manufacturer of the sheathing filler grease. The corrosion protection medium "Viscosity 2090P-4 Casing Filler" will continue to provide protection provided the components are coated, regardless of the presence of moisture. All anchorage components were verified as completely coated with sheathing filler grease in the as found condition.
- The quantity of free water collected from the Unit 1 Tendon locations is insignificant.

Corrective Actions Taken:

The grease was removed from the tendon anchorage locations and replaced. Grease sample chemical analysis was completed in accordance with ASME Section XI, IWL -2525.2. No deficiencies were identified as a result of the corrective actions.

Extent, Nature, and Frequency Of Additional Examinations:

The Unit 1 containment is acceptable as is and repair or replacement of the tendon components is not required as a result of the identification of the small quantity of water collected during the 1999 surveillance. The Unit 1 post tensioning system will continue to be monitored on an annual basis. Free water has not been collected from the vertical tendon locations. No free water was collected from the vertical tendons that were disturbed during the steam generator replacement project in 1998. Although the vertical tendons will continue to be monitored, more focus will be placed on the horizontal tendons during the 2000 surveillance. The inspection scope will include a minimum of 15% of the horizontal tendons located below grade or 20 anchorage locations.

5.2 IWE General Visual Exam and VT-3

A Section XI IWE general visual examination was performed on the Unit 1 containment liner plate area directly below the Moisture Barrier (MB) and adjacent to the 3" thick Cerablanket during A1R08. The entire length of MB (approximately 400' in length), between the containment liner and the basemat floor, located inside containment at elevation 377'-0", was removed to perform this examination.

A Section XI IWE general visual examination of the Class CC liner was performed on Unit 1 prior to the containment integrated leak rate test (CILRT) conducted during refueling outage A1R07 in October of 1998. The liner area below the MB was not accessible during A1R07. The Unit 1 examination was expanded into this inaccessible area below MB as a result of localized areas of corrosion found beneath the MB sealing surface observed on the Unit 2 liner plate surface during A2R07. Also, in order to complete corrective action #5 from Braidwood, Unit 2 Engineering Evaluation No. 99-IWE-01, the entire unit 1 MB, including the Cerablanket, was removed. ComEd Procedure SPP GV-2 was used to perform this general visual examination. Exam Data Form No. GV-2-1 was generated to characterize the extent of corrosion on the Class CC liner.

The IWE examination beneath the MB found approximately thirty small indications on the Class CC liner (total length < 1% of length examined), which were determined to be recordable per the General Visual acceptance criteria.

The worst case corrosion caused a reduction of 32% of the liner's nominal thickness. The degraded areas of the Class CC liner were accepted by analysis. The degraded surface area was hand scraped and cleaned to sound surface per the instructions of a level III coatings specialist. After surface preparation, the liner was solvent wiped to prepare the surface for recoating with service level I qualified coatings. Informational Ultrasonic Tests (UT's) were performed in the vicinity of liner degradations prior to the recoating of the liner to obtain nominal linear thicknesses. These UTs indicate, in areas in the vicinity of the degradation the liner plate thickness varies from .23" to .27". The UTs also show that the degradation appears to be only on the front side of the liner that is being examined. The MB was restored in accordance with the design detail in all areas, and to improve performance, it was enhanced by addition of a sloping profile to drain water away.

The degradation of the liner is suspected to be result of breaches in the moisture barrier resulting from aging and mechanical damage from impact of tools, barrels and scaffolding from maintenance activities. This combined with impingement of water, possibly the result of fan cooler condensate leakage, established the conditions for liner degradation. Water had a path to flow between the MB and the liner. Water was entrapped below the Tremco epoxy sealant and absorbed into the Cerablanket material. The surface of the liner remained wet at the elevation of the Cerablanket, and with the presence of oxygen, the liner began to degrade. The localized maximum loss of material was measured to be 5/64 of an inch, which is 32 % of the liners nominal thickness of 8/32 inch. Much of the degraded areas had reductions of 1/64 - 2/64 of an inch, or a little over 10% reduction.

There was also a VT-3 examination of the newly installed moisture barrier. There were three surface tears found. The apparent cause of these tears was the dragging of air hoses over the still uncured MB. These areas were repaired and reexamined and found acceptable. There is no further action required at this time. The MB will remain on its regular IWE examination frequency.

Engineering Evaluation

Engineering Evaluation No. 00-IWE-01 Rev. 0 was performed and corroded areas were shown by analysis to be acceptable.

Local defects on the Braidwood containment liner plate up to 1/8 inch in depth are acceptable per Calculation 5.2.6-BRW-98-1090 Revision 2. The reduction of plate thickness in all areas of degradation is less than 1/8 inch. The maximum of 1/8 inch reduced thickness of the liner plate has been shown by analysis to satisfy the requirements of the design specifications.

Additional Examinations

Approximately twenty localized areas of the degraded liner surfaces below the MB (<1% of surface area) on the class CC liner will be categorized as an augmented examination area per IWE Table 2500-1. The augmented examination will be scheduled into the IWE Program requiring VT-1 and volumetric examinations of the areas with minimum wall thickness for the next 3 consecutive examination periods.

Corrective Actions

1. The liner area directly below the MB approximately 4" in width, around the entire perimeter of the containment was scraped, cleaned, and solvent wiped.
2. The degradation (rust) was removed from the liner under the direction of the level 3 coatings specialist. This allowed for liner examination, preparation for application of a Service Level 1 coating and MB installation.
3. A Service Level 1 qualified coating was applied to the portion of the liner where the MB and Cerablanket was installed
4. New dry Cerablanket material was installed below the MB.
5. The MB removed was restored per existing design details except for enhanced profile which will facilitate runoff of moisture from the MB and per work order 990058824.
6. Approximately twenty areas of the Class CC liner below the MB will be categorized as Category E-C in the Braidwood Unit 1 IWE Program Plan.
7. An engineering evaluation 00-IWE-01, Rev. 0, was completed on the degraded liner.

6.0 NIS-2 FORM (OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS)**SUMMARY OF NIS-2 FORMS**

<u>SYSTEMS</u>		<u>NIS-2 TOTALS</u>				
		<u>CLASS 1</u>	<u>CLASS 2</u>	<u>CONTAINMENT</u>		
AUXILIARY FEED WATER	(AF)		2			
COMPONENT COOLING	(CC)		2			
CHEMICAL & VOLUME CONTROL	(CV)	1	5			
CONTAINMENT SPRAY	(CS)		1			
MAIN STEAM	(MS)		8			
REACTOR COOLANT	(RC)	6				
REACTOR BUILDING	(RB)			5		
REACTOR EQUIPMENT DRAIN	(RE)		1			
RESIDUAL HEAT REMOVAL	(RH)		1			
REACTOR PRESSURIZER	(RY)	2				
STEAM GENERATOR BLOWDOWN	(SD)		2			
SAFETY INJECTION	(SI)	6	1			
ESSENTIAL SERVICE WATER	(SX)		1			
TOTAL NIS-2 (TOTAL - 44)		15	+	24	+	5

93 TOTAL ATTACHED PAGES

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 Date 10/16/98
Name
One First National Bank Plaza, Chicago, IL 60690 Sheet 1 of 4
Address
2. Plant Braidwood Nuclear Power Station Unit One
Name
RR 1 Box 84, Braceville, IL 60407 WR# 980003860, 980003862, 980003863, 980003864
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by N-P/S&W; Braidwood NPS Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
RR'1 Box 80, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System Unit One Auxiliary Feedwater
5. (a) Applicable Construction Code Section III^{CL2} 1974 Edition, S'74 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989 / No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

20A Name of Component	20B Name of Manufacturer	20C Manufacturer Serial No.	20D National board No.	20E Other Identification	20F Year Built	20G Repaired, Replaced, or Replacement	20H ASME Code: Stamped (Yes or No)
1AF04071R	ITT Grinnell	N/A	N/A	Existing Rod 140N	1986	Replaced	No
1AF04071R	ITT Grinnell	N/A	N/A	Existing Turnbuckle 230	1986	Replaced	No
1AF04071R	ITT Grinnell	N/A	N/A	Existing Hex Nut	1986	Replaced	No
1AF04071R	ITT Grinnell	N/A	N/A	Existing Rod 253N	1986	Replaced	No

- (2) Description of Work Installed, modified and deleted supports per ECN 000847M
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
VT 3/4 Other Pressure _____ psi Test Temp. _____ °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

[847M-1H]

APK

FORM NIS-2 (Back)

9. Remarks See N-5 Code Data Report # 1C-AF-1H
Applicable Manufacturer's Data Reports to be attached

* For Record DCA * 990554 - 1AF04071R CLASSIFICATION ASME CL-2
- 1AF06037R CLASSIFICATION ASME CL-2
G.D. Daniel
6-2-00

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 William D. Dupuis
Owner or Owner's Designee, Title

Date 11-19, 19 98

* G.D. Daniel 6-2-00

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 The HSB I&I Co., Inc. of Hartford, CT have inspected the components described in this Owner's Report during the period 8-20-98 to 11-20-98, 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. Miller
Inspector's Signature

Commissions 11546 D 1085
National Board, State Province, and Endorsements

Date 11-20, 19 98

* J. Miller
6/2/00

(12/82)

(6/23/97)

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company
One First National Plaza
Chicago, Illinois 60690
Sheet 3 of 4
Date 10/16/98
2. Plant Braidwood Nuclear Power Station
R. R. #1, Box 84
Braceville, Illinois 60407
Unit One
WR# 980003860, 980003862, 980003863, 980003864
P.O. No., WR No., etc.
3. Work Performed by: N-P/S&W; Braidwood NPS Type Code Symbol Stamp Not Applicable
Name RR 1, Box 80 Braceville, IL 60407 Authorization No. Not Applicable
Address RR 1, Box 80 Braceville, IL 60407 Expiration Date Not Applicable
4. Identification of System Unit One Auxiliary Feedwater
- 5a. Applicable Construction Code Section III 19 74 Edition S'74 Addenda
Code Cases N/A
- 5.b Applicable Edition of Section XI utilized 19 89 Edition 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)
1AF04071R	ITT Grinnell	N/A	N/A	Existing Eyunut 290	1986	Replaced	No
1AF04071R	ITT Grinnell	N/A	N/A	Existing Beam Lug 66	1986	Replaced	No
* 1AF04071R Strut 640N	ITT Grinnell	N/A	N/A	M97-08975	N/A	Replacement	No
* 1AF04071R Pipe Clamp	ITT Grinnell	N/A	N/A	MRR# 12624 [from 1FW09020S]	N/A	Replacement	No
* 1AF04071R Load Stud	ITT Grinnell	N/A	N/A	M98-00347 [A89-01934]	N/A	Replacement	No
* 1AF04071R 3/4" - Hex Nuts	ITT Grinnell	N/A	N/A	M96-09325 Ht# CKZ	N/A	Replacement	No
1AF04072R	ITT Grinnell	N/A	N/A	Existing Strut 420N	N/A	Replaced	No
1AF04072R Strut 211N	ITT Grinnell	N/A	N/A	M97-00232	N/A	Replacement	No
1AF04033V	ITT Grinnell	N/A	N/A	1AF04033V	1986	Replaced	No
1AF04082R Pipe Clamp	ITT Grinnell	N/A	N/A	M97-08979	N/A	Replacement	No
1AF04082R Strut 211N	ITT Grinnell	N/A	N/A	M97-08027	N/A	Replacement	No
1AF04003V	ITT Grinnell	N/A	N/A	1AF04003V	1986	Replaced	No
1AF04083R Strut 211N	ITT Grinnell	N/A	N/A	M97-00232	N/A	Replacement	No
* 1AF06037R	ITT Grinnell	N/A	N/A	1AF06037R	1986	Replaced	No
* 1AF06037R Strut 211N	ITT Grinnell	N/A	N/A	M97-08034	N/A	Replacement	No
1AF06038R	ITT Grinnell	N/A	N/A	1AF06038R	1986	Replaced	No

AN/ANH REVIEW
11-20-98
[Signature]

(Final)

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company
 One First National Plaza
 Chicago, Illinois 60690
 Sheet 4 of 4
 Date 10/16/98
2. Plant Braidwood Nuclear Power Station
 R. R. #1, Box 84
 Braceville, Illinois 60407
 Unit One
 WR# 980003860, 980003862, 980003863, 980003864
 P.O. No., WR No., etc.
3. Work Performed by: N-P/S&W; Braidwood NPS Type Code Symbol Stamp Not Applicable
RR 1, Box 80 Braceville, IL 60407 Name Authorization No. Not Applicable
 Address Expiration Date Not Applicable
4. Identification of System Unit One Auxiliary Feedwater
- 5a. Applicable Construction Code Section III 19 74 Edition S'74 Addenda
 Code Cases N/A
- 5.b Applicable Edition of Section XI utilized _____ 19 89 Edition 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)
1AF06038R Rod 140N	ITT Grinnell	N/A	N/A	M98-05952	N/A	Replacement	No
1AF06038R Eyebut 290N	ITT Grinnell	N/A	N/A	M98-05951	N/A	Replacement	No
1AF06038R Hex Nut	Nova	N/A	N/A	M96-10991 Ht. BKU	N/A	Replacement	No
1AF06038R Beam Lug 66N	ITT Grinnell	N/A	N/A	M97-08419	N/A	Replacement	No
1AF06038R Clamp 295N	ITT Grinnell	N/A	N/A	M97-08736	N/A	Replacement	No
1AF06044G	ITT Ginnell	N/A	N/A	1AF06044G	1986	Replaced	No
1AF05005X	ITT Ginnell	N/A	N/A	1AF05005X	1986	Replaced	No
1AF05073G	ITT Ginnell	N/A	N/A	1AF05073G	1986	Replaced	No

(Final)

AN/ANII REVIEW
 11/20/98

L h
 6/2/00

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 3-28-00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood Nuclear Power Station Sheet 1 of 2
Name
R.R. 1 Box 84, Braceville, IL 60407
Address Unit 01
WR# 990093691-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System CC - Component Cooling
5. (a) Applicable Construction Code SECT. III / CC-2 1971 Edition, W-72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989
5. 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: Stamp (Yes or No)
Relief Valve	O.E.M.	Not Applicable	Not Applicable	ICC9428B M-66-1A	N/A	Replaced	yes
Relief Valve	Crosby	N57027-00-009	Not Applicable	2055677	2000	Replacement	yes

7. Description of Work Replaced Relief Valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VIZ Performed Other: Pressure 141.3 psi Test Temp. Ambient °F
4-2-00

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

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 G. A. Daniell Date 4/3/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois and employed by HSBI, Inc. of Hartford, CT. have inspected the components described in this Owner's Report during the period 11-8-99 of 4-3-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examination and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IR-1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-3- 2000

(12/82)

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

1. Owner Commonwealth Edison Company Date 3-29-00
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood Nuclear Power Station Sheet 1 of 2
Name
R R. 1 Box 84, Braceville, IL 60407
Address Unit 01
WR# 990093690-01
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address

4. Identification of System CC - Component Cooling

5. (a) Applicable Construction Code SECT. II Div 2 Edition 1989 Addenda W'72 Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamp (Yes or No)
Valve Relief	D.E.M.	NOT Applicable	NOT Applicable	ICC 9428A M-66-1A	N/A	Replaced	Y
Valve Relief	Crosby	N57027-00-0013	NOT Applicable	RELIEF# 32780 #2043128	75	Replacement	Y

7. Description of Work Replaced Relief Valve

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VTZ Performed Other: Pressure 141.3 psi Test Temp. Ambient °F
4-2-00

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

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 G. Daniel Date 4/3/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of ILLINOIS and employed by HSTBI Co. of HANES FORD, LA. have inspected the components described in this Owner's Report during the period 11-8-99 of 4-3-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. [Signature] Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-3- 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 4-1-00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood Nuclear Power Station Sheet 1 of _____
Name
R.R. 1 Box 84, Braceville, IL 60407
Address Unit 01
NWR # 980100011-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System ICS008A CONT. SPRAY HDR 1A INBOARD CONT CHECK
5. (a) Application Construction Code SEC III/UC2 '97 Edition, 575 Addenda, N/A Code Case
 (b) Application Edition of Section XI Utilized for Repairs or Replacement 1999
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)
ICS VALVE 10"	OEM	N/A	N/A	ICS008A	N/A	REPLACED	YES
10" VALVE	TRW MISSION	P-7709	N/A	QRI A89-01669	81	REPLACEMENT	YES

7. Description of Work REPLACED VALVE
8. *Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: Pressure _____ psi Test Temp. _____ °F

* OPEN FLOW PATH Test BwVSR 5.5.B.CS.6 Performed for RV2 Requirements

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

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 G.A. Daniell Date 4/3/00 1900
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 of
Province of Illinois and employed by HSTBI Co. of Hartford, CT.
have inspected the components described in this Owner's Report during the period 8-3-99 of 4-4-2000
and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions DA1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4- 1900

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

1. Owner Commonwealth Edison Company Date 3-28-00
One First National Plaza, Chicago, IL 60690 Sheet 1 of 3
 Address

2. Plant Braidwood Nuclear Power Station Unit 01
R.R. 1 Box 84, Braceville, IL 60407 WR# 990093689-01
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
 Address

4. Identification of System CV - Chem - Volume Control

5. (a) Applicable Construction Code Sec. III/CL2 Edition W'72 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989

5. 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: Stamp (Yes or No)
Relief Valve	O.E.M.	NOT Applicable	NOT Applicable	ICV 8123 M-64-4A	N/A	Replaced	Yes
Relief Valve	Crosby	N6072200-0019	NOT Applicable	#2036610	98	Replacement	Yes
Threaded Rod	O.E.M.	NOT Applicable	NOT Applicable	ICV 8123 M-64-4A	N/A	Replaced	NO
Threaded Rod	NOVA	Part # 67741	NOT Applicable	ICV 8123 M-64-4A	97	Replacement	NO

7. Description of Work Replaced Relief Valve, studs, & Nuts on inlet flange

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VIZ Performed Other: Pressure 21.1 psi Test Temp. Ambient °F
4-2-00

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

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 GADanell Date 4/3/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of Illinois and employed by HSTBI, Inc. of Hartford, CT have inspected the components described in this Owner's Report during the period 10-26-99 of 4-3-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. H. Hester Commissions IA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-3- 192000

(12/82)

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
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood Nuclear Power Station
Name
R.R. 1 Box 84, Braceville, IL 60407
Address
3. Work Performed by Mechanical Maintenance
Braidwood Nuclear Power Station
R.R. 1 Box 84, Braceville, IL 60407
Address

Date 12-6-99
Sheet 1 of 1
Unit 00
NWR 990038316-01
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp Not Applicable
Authorization Number Not Applicable
Expiration Date Not Applicable

4. Identification of System CV PUMP SPARE MECH. SEALS
5. (a) Application Construction Code III / 2 '97 Edition 5/82 Addenda N/A Code Case
(b) Application Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
SEAL HOUSING RADIAL	PACIFIC PUMP	L-386-S-839 G-1-AA	N/A	MECH. SEAL ASSY. (PUMP)	1983	REPAIRED	YES
SEAL HOUSING THRUST	PACIFIC PUMP	L-391-S-823 -H-1-AA	N/A	↓	1983	REPAIRED	YES
SEAL PLATE RADIAL	PACIFIC PUMP	L-381-S-784 G-1-AA	N/A		1983	REPAIRED	YES
SEAL PLATE THRUST	PACIFIC PUMP	L-381-S-784 G-2-AB	N/A		1983	REPAIRED	YES

7. Description of Work ASSEMBLED SPARE SEALS USING EXISTING HOUSINGS & PLATES

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: N/A Pressure N/A psi Test Temp. N/A °F

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
VT-2 TO BE PERFORMED AT TIME OF INSTALLATION REBUILD IN PUMP SYSTEM. THIS NWR IS FOR SPARE SEAL (PUMP) SYSTEM

FORM NIS-2 (Back)

9. Remarks SEE ATTACHED FORM NPV-1 CERTIFICATE HOLDERS DATA
REPORT FOR NUCLEAR PUMPS AND VALVES
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE
Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE

Signed [Signature] Date 12/06/99 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 of
Province of ILLINOIS and employed by HSBI # 1 Co. of HARTFORD, CT.
have inspected the components described in this Owner's Report during the period 10-18-99 of 12-6-99
and state
that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL # 1085
Inspector's Signature National Board, State, Province, and Endorsements
Date 12-6- 19 99

(12/82)

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 12-6-99
One First National Plaza, Chicago, IL 60690
 Address
 2. Plant Braidwood Nuclear Power Station Sheet 1 of 1
R.R. 1 Box 84, Braceville, IL 60407 Unit 00
 Address
NWR 990038316-01
 Repair Organization P.O. No., Job No., etc.
 3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
 Address

4. Identification of System CV PUMP SPARE MECH. SEALS
 5. (a) Application Construction Code III / 2 Edition 71 Addenda N/A Code Case
 (b) Application Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
SEAL HOUSING RADIAL	PACIFIC PUMP	L-386-S-839 G-1-AA	N/A	MECH. SEAL ASSY. (PUMP)	1983	REPAIRED	YES
SEAL HOUSING THRUST	PACIFIC PUMP	L-391-S-833 -H-1-AA	N/A	↓	1983	REPAIRED	YES
SEAL PLATE RADIAL	PACIFIC PUMP	L-381-S-784 G-1-AA	N/A		1983	REPAIRED	YES
SEAL PLATE THRUST	PACIFIC PUMP	L-381-S-784 G-2-AB	N/A		1983	REPAIRED	YES

7. Description of Work ASSEMBLED SPARE SEALS USING EXISTING HOUSINGS & PLATES

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: N/A Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks SEE ATTACHED FORM NPV-1 CERTIFICATE HOLDERS DATA
REPORT FOR NUCLEAR PUMPS AND VALVES

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

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

Date 12/06/99 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 of Province of ILLINOIS and employed by HOBAS CO. of HARTFORD CT. have inspected the components described in this Owner's Report during the period 10-18-99 of 12-6-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions IL 1085
National Board, State, Province, and Endorsements

Date 12-6- 19 99

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

1. Owner Commonwealth Edison Company _____ Date 3/28/00
Name
 One First National Plaza, Chicago, IL 60690 _____
Address
2. Plant Braeewood Nuclear Power Station _____ Sheet 1 of _____
Name
 R R 1 Box 84, Braceville, IL 60407 _____
Address
WR 990062147-01
Repair Organization P O No., Job No., etc.
3. Work Performed by Mechanical Maintenance _____ Type Code Symbol Stamp Not Applicable
 Braeewood Nuclear Power Station _____ Authorization Number Not Applicable
 R R 1 Box 84, Braceville, IL 60407 _____ Expiration Date Not Applicable
Address
4. Identification of System CV - CARM & VOLUME CONTROL
5. (a) Application Construction Code III E 2 1971 Edition. W/72 Addenda. N/A Code Case
 (b) Application Edition of Section XI Utilized for Repairs or Replacement 1999
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)
VAIVE ICV8121	CROSBY	NS6900-00-0032	N/A	ICV8121 M-64-2	N/A	REPLACED	YES
VAIVE ICV8121	CROSBY	NS6900-00-0033	N/A	MRR10195	1976	REPLACEMENT	YES

7. Description of Work INSTALLED RELIEF VALVE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4-4-2000 Other: Pressure 1047 psi Test Temp. 553 °F

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

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

Code Case N416-1 invoked

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 G. A. Daniell III Date 4/5/2000
Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of ILLINOIS and employed by HSTBI, Inc. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 7-20-99 of 4-5-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. [Signature] Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5- 1900

Doc 16

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
Name
One First National Plaza, Chicago, IL 60690
Address

Date 12-7-99
Sheet 1 of 2

2. Plant Braidwood Nuclear Power Station
Name
R.R. 1 Box 84, Braceville, IL 60407
Address

Unit 01
NWR980099996-01
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance
Braidwood Nuclear Power Station
R.R. 1 Box 84, Braceville, IL 60407
Address

Type Code Symbol Stamp Not Applicable
Authorization Number Not Applicable
Expiration Date Not Applicable

4. Identification of System LB CENTRIFUGAL CHARGING PUMP 1CVO1PB

5. (a) Application Construction Code III / 2 Edition 71 Addenda N/A Code Case W72
(b) Application Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
SEAL HOUSING RADIAL	OEM	N/A	N/A	S/N 49775 1CVO1PB	N/A	REPLACED	YES
SEAL HOUSING RADIAL	PACIFIC	L-386-S- 839-G-1-AA	N/A	S/N 49775 1CVO1PB	89	REPLACEMENT	YES
SEAL HOUSING THRUST	OEM	N/A	N/A	S/N 49775 1CVO1PB	N/A	REPLACED	YES
SEAL HOUSING THRUST	PACIFIC	L-391-S- 823-H-1-AA	N/A	S/N 49775 1CVO1PB	89	REPLACEMENT	YES

7. Description of Work REPLACED MECHANICAL SEALS ON 1CVO1PB PUMP

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTZ performed Other: Pressure 2490/50 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.

*2/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks _____
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 _____ G. A. Daniell Date _____ 12/16 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 of
Province of Illinois and employed by HSTBI - I Co. of HARTFORD, CT.
have inspected the components described in this Owner's Report during the period 7-23-99 of 12-16-99
and state
that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature _____ Commissions DB 1085
National Board, State, Province, and Endorsements

Date 12-16-99 19 99

(12/82)

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

1. Owner Commonwealth Edison Company Date 3/31/00
Name
One First National Plaza, Chicago, IL 60690 Sheet 1 of _____
Address

2. Plant Braidwood Nuclear Power Station Unit 01
Name
R R. 1 Box 84, Braceville, IL 60407 WR 990156431-01
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address

4. Identification of System CV

5. (a) Applicable Construction Code III CB Edition 74 Addenda N/A Code Case 574
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1999

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: Stamp: (Yes or No)
PIPE SUPPORT	ITT GRINNELL	14440	N/A	N/A	N/A	REPLACED	NO
PIPE SUPPORT	ITT GRINNELL	21593	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work TEST + INSTALL NEW SNUBBER

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: VT 3/4 Completed Pressure N/A psi Test Temp. N/A °F
ON NEW SNUBBER
AFTER INSTALLATION

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 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

VT 3/4 inspection performed on replacement subber/support after reinstallation

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 Repair or Replacement

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed

G.A. Dancell
Owner or Owner's Designee, Title

Date

3/31/2000

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 Province of ILLINOIS and employed by HSB, Inc. of Hartford, CT. have inspected the components described in this Owner's Report during the period 3-22-2000 of 3-31-2000 and state

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

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

[Signature]

Inspector's Signature

Commissions

IL 1025

National Board, State, Province, and Endorsements

Date

3-31-

2000

(12/82)

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

1. Owner Commonwealth Edison Company Date 4/1/00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 990070985-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS - MAIN STEAM
5. (a) Applicable Construction Code SECTION II 19 74 Edition. N/A Addenda. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
DISC	OEM	N/A	N/A	1MS016B M-35-1	N/A	REPLACED	NO
DISC	DRESSER	SN* ACZ 80	N/A	UTC 2040408 HT* 47824	1999	REPLACEMENT	NO
SPINDLE	OEM	N/A	N/A	1MS016B M-35-1	N/A	REPLACED	NO
SPINDLE	DRESSER	HT* 696512	N/A	UTC 203332 QRE A90-00969	1992	REPLACEMENT	NO

7. Description of Work REBUILT VALVE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4-4-2000 Other: Pressure 1047 psi Test Temp. 553 °F

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER'S FORM N-2 IS ATTACHED FOR REPLACEMENT VALVE DISC
Applicable Manufacturer's Data Reports to be attached
AND MANUFACTURER'S CERTIFICATE OF COMPLIANCE/CONFORMANCE ATTAINED
FOR REPLACEMENT VALVE SPINDLE.

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 G. Danzell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTBI & Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 8-27-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. ... Commissions IL# 1095
Inspector's Signature National Board, State, Province, and Endorsements
Date 4-5-, 192000

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

1. Owner Commonwealth Edison Company Date 4/1/00
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 990070988-01
Repair Organization P.O. No., Job No., etc.

3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address

4. Identification of System MS - MAIN STEAM

5. (a) Applicable Construction Code SECT III E2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 39

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	OEM	N/A	N/A	1MS016C PARO M-35-2	N/A	REPLACED	NO
DISC	DRESSER	ACZ-85	N/A	UTC# 2041130 HT# 47824	1999	REPLACEMENT	NO
SPINDLE	OEM	N/A	N/A	1MS016C PARO M-35-2	N/A	REPLACED	NO
SPINDLE	DRESSER	HT# 696512	N/A	QRE# A90-00969 HT# 696512	1992	REPLACEMENT	NO

7. Description of Work REBUILT VALVE

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTZ Performed
4-4-2000 Other: Pressure 1047 psi Test Temp. 553 °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks ATTACHED ARE MANUFACTURER'S CERTIFICATE OF COMPLIANCE FOR REPLACEMENT
Applicable Manufacturer's Data Reports to be attached
SPINDLE AND MANUFACTURER'S FORM N-2 FOR REPLACEMENT VALVE DISC.

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 G. Daniel Date 4-5-2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by HSTBI Co. of HANFORD CT. have inspected the components described in this Owner's Report during the period 9-2-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements
Date 4-5-, 2000

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

1. Owner Commonwealth Edison Company Date 4/1/00
Name
One First National Plaza, Chicago, IL 60690 Sheet _____ of _____
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 WR# 990070983-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS - MAIN STEAM
5. (a) Applicable Construction Code SECT III & 2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
DISC	OEM	N/A	N/A	1MS01SD M-3S-1	N/A	REPLACED	NO
DISC	DRESSER	ACZ-84	N/A	UTC 2047129 HT# 47824	1999	REPLACEMENT	NO
SPINDLE	OEM	N/A	N/A	1MS01SD M-3S-1	N/A	REPLACED	NO
SPINDLE	DRESSER	HT# 690512	N/A	GRE A90-00909 PIN 51484014	1992	REPLACEMENT	NO

7. Description of Work RESULT VALVE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4-4-00 Other: Pressure 1047 psi Test Temp. 553 °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks ATTACHED ARE MANUFACTURER'S FORMS N-2 FOR REPLACEMENT RELIEF
VALVE DISC AND CERTIFICATE OF COMPLIANCE / CONFORMANCE FOR
REPLACEMENT RELIEF VALVE SPINDLE. REF VALVE IDENTIFICATION NO.
1MS015D.

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 G. Daniell Date 4/5/2000, 1900
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 of Province of Illinois and employed by HSDI - I Co. of Warren, CT. have inspected the components described in this Owner's Report during the period 3-27-00 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IDA 1085
Inspector's Signature National Board, State, Province, and Endorsements
Date 4-5-, 1900

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

1. Owner Commonwealth Edison Company Date 4/1/00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 990070858-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS - MAIN STREAM
5. (a) Applicable Construction Code SECT III E2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	OEM	N/A	N/A	IMS017B M-35-1	N/A	REPLACED	N
DISC	DRESSER	ACZ 89	N/A	UTC# 2047133 HEAT 47824	1999	REPLACEMENT	NO

7. Description of Work REBUILT VALVE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTR Performed
4-4-2000 Other: Pressure 1047 psi Test Temp. 553 °F

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER'S N-2 CERTIFICATE FOR REPLACEMENT VALVE DISC
ATTACHED.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACED 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 G A Daniell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by HSB 1 Co. of HANFORD CT. have inspected the components described in this Owner's Report during the period 2-2-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1025
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5-, 192000

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

1. Owner Commonwealth Edison Company Date 4-1-00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 990070982-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS- MAIN STEAM
5. (a) Applicable Construction Code SECT III E2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC	OEM	N/A	N/A	IMS014D M-35-1	N/A	REPLACED	NO
DISC	DRESSER	SN# ACZ 88	N/A	UTC 2047131 HT# 47824	1999	REPLACEMENT	NO

7. Description of Work REBUILT VALVE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4/4/00 Other: Pressure 1047 psi Test Temp. 553 °F

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER'S FORM N-2 CERTIFICATE FOR REPLACEMENT VALVE DISC
Applicable Manufacturer's Data Reports to be attached
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 G. Daniel Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of ILLINOIS and employed by HSTBI & CO of WARRINGTON, VA have inspected the components described in this Owner's Report during the period 9-2-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. H. H. Commissions IA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5- 19

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

1. Owner Commonwealth Edison Company Date 4-1-00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 990070979-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS- MAIN Steam
5. (a) Applicable Construction Code SECT. III / CL2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Disc	O.E.M.	N/A	N/A	1MS014B M-35-1	N/A	Replaced	NO
Disc	Dresser	HEAT# 47824 ACZ-87	N/A	UTC# 27683	99	Replacement	NO
Spindle	O.E.M.	N/A	N/A	1MS014B M-35-1	N/A	Replaced	NO
Spindle	Dresser	HEAT# 696512	N/A	Rin # A95-00335	95	Replacement	NO

7. Description of Work Valve Inspection / Rebuild
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4/4/00 Other: Pressure 1047 psi Test Temp. 553 °F

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

FORM NIS-2 (Back)

9. Remarks _____
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 G. A. Daniell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of _____ and employed by _____ of _____ have inspected the components described in this Owner's Report during the period 9-3-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5-, 19200-

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

1. Owner Commonwealth Edison Company Date 4-2-00
Name
One First National Plaza, Chicago, IL 60690
Address Sheet 1 of 2
2. Plant Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 980094357-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System MS - MAIN Steam
5. (a) Applicable Construction Code SECT. IV/CL 2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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 Relief	D.E.M.	BRO9631	NOT Applicable	1MS013B M-35-2	N/A	Replaced	yes
Valve Relief	Dresser	BRO9632	NOT Applicable	1MS013B M-35-2	77	Replacement	yes

7. Description of Work Remove Existing 1MS013B And Replace with 1MS013C
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VT2 Performed Other: Pressure 1047 psi Test Temp. 553 °F
4/4/00

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

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

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 G. A. Dancell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H. S. B. & I. Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 11-15-99 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. Hales Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5-2000, 192000

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

1. Owner Commonwealth Edison Company Date 4-1-00
One First National Plaza, Chicago, IL 60690
Name
Address
2. Plant Braidwood ComEd Plant Unit 01
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Name
Address WR# 990155818-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Name Authorization Number N/A
Address Expiration Date N/A
4. Identification of System MS- MAIN STEAM
5. (a) Applicable Construction Code Section III/CL2 19 74 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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 Relief	Q.E.M.	BRO9632	NOT Applicable	IMS013C M-35-2	N/A	Replaced	yes
Valve Relief	Dresser	BRO9631	NOT Applicable	IMS013C M-35-2		Replacement	yes

7. Description of Work Remove existing IMS013C And replace with IMS013B
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VTZ Performed 4/4/00
 Other: Pressure 1047 psi Test Temp. 553.9 °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 ATTACHED IS THE MANUFACTURER'S FORM NY-2 FOR MAIN STEAM
Applicable Manufacturer's Data Reports to be attached
SYSTEM RELIEF VA. S.N. BR09631.
EXISTING PLANT EQUIPMENT M.S. RELIEF VA. S.N. BR09632 WAS REMOVED
AND REPLACED WITH VALVE S.N. BR09631. REF. VALVE IDENTIFIER
IMS013C.

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 G. Daniel Date 4/9/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HOBAS CO. of Hampton, CT. have inspected the components described in this Owner's Report during the period 3-22-2000 of 4-5-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IA 1085
Inspector's Signature National Board, State, Province, and Endorsements
Date 4-5- 2000

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

1. Owner Commonwealth Edison Company Date MARCH 31, 2000
One First National Plaza, Chicago, IL 60690
Name
Address
2. Plant Braidwood Nuclear Power Station Sheet 1 of 1
R.R. 1 Box 84, Braceville, IL 60407
Name
Address Unit ONE (1)
WR# 980124886-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System Reactor COOLANT (RC)
5. (a) Applicable Construction Code Section III 249.86 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Steam Generator	Babcock & Wilcox Canada	7735-03	170	H/L Stud #14 IRC01BB	1998	Replaced	Yes
Primary Manway Stud	NOVA Machine	TS4-1-60 N/A	N/A	HEAT CODE #1100 DV1	N/A	Replacement	No
—	—	S.N 255	—	LOT # 35395014	—	—	—
				HEAT # 162760			

7. Description of Work Remove stud from IRC01BB H/L #14 and install new stud.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: ①② Pressure _____ psi Test Temp. _____ °F

① REPLACEMENT S.C. MANWAY STUD WAS SUBJECTED TO VOLUMETRIC TESTING (VT) PRIOR TO INSTALLATION.

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.

② NO ADDITIONAL TESTING REQUIRED. VT-2 PRESSURE TESTING NO REQUIRED BECAUSE, WITH THE EXCEPTION OF BOLTING, NO EXTERNAL PRESSURE RETAINING CODE PARTS WERE REPLACED. Amjad 4/1/00

FORM NIS-2 (Back)

9. Remarks MANUFACTURER'S CERTIFICATE OF COMPLIANCE AND CERTIFIED
Applicable Manufacturer's Data Reports to be attached
MATERIAL TEST REPORTS ARE ATTACHED

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

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

Date 4-1- 2000
19
8-4-2000

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 of Province of ILLINOIS and employed by HSB 51 Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9-28-99 of 4-2-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-3- 192000

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

1. Owner Commonwealth Edison Company Date 04/01/00
Name
One First National Plaza, Chicago, IL 60690
Address Sheet 1 of 2
2. Plant Braidwood ComEd Plant Unit 02
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR #980120187-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Newberg/Perini/Stone & Webster Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System RC
5. (a) Applicable Construction Code Sec. III ^{CL1} 19 74 Edition, S '75 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
HEX NUT	NOVA	HT.#6019432	N/A	Cat #0000037034	N/A	Replacement	NA
THREADED ROD	NOVA	HT #RAK	N/A	Cat #0000039990	N/A	Replacement	N/A

7. Description of Work Performed REPLACED FLANGE GASKET
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VTI Completed $\frac{3}{16}$ /₁₀₀ Other: Pressure N/A psi Test Temp. N/A °F

VTZ not Required Per Code Interp XI-1-92-65

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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 GADanell Date 4/1/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTBI Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 9-27-99 of 4-2-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. Moore Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-2-, 1900

(12/82)

DO NOT DUPLICATE

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 April 1, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
 Sheet 1 of 2
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
WR#980118188-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
 Authorization Number Not Applicable
 Expiration Date Not Applicable
4. Identification of System REACTOR COOLANT (RC) 1RC22AB-1.5"
5. (a) Applicable Construction Code III ^{CL1} 19 74 Edition, S75 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
HEX NUT	NOVA	HEAT NO. 110 & LCP	NA	CAT ID 0037034	NA	REPLACEMENT	NO
THREADED ROD	NOVA	HEAT NO. RAK	NA	CAT ID 0039990	NA	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE GASKET AND BOLTING MATERIAL
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTI Performed
 Other: Pressure n/a psi Test Temp. n/a °F
3/16/00

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, and N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 GFD Danell Date 4/1/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of ILLINOIS and employed by HSTB 1 1 Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 10-11-99 of 4-2-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-2-, 1900

(12/82)

DO NOT DUPLICATE

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
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood Nuclear Power Station
Name
R.R. 1 Box 84, Braceville, IL 60407
Address

3. Work Performed by Mechanical Maintenance
Braidwood Nuclear Power Station
R.R. 1 Box 84, Braceville, IL 60407
Address

Date 4/01/00

Sheet 1 of 3

Unit 01

1125 99008007R-01
Repair Organization P O No., Job No., etc.

Type Code Symbol Stamp Not Applicable

Authorization Number Not Applicable

Expiration Date Not Applicable

4. Identification of System Reactor Vessel 1RC01R-A
Address

5. (a) Applicable Construction Code Section III ^{CH} 9 21 Edition. S73 Addenda. NA Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
- SEE Attachment -							

7. Description of Work Replace Seal Nozzles and Lower clamp with DC D20-1-99-360
ER9902503 for Reconciliation of Clamps.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other: Pressure 2222 psi Test Temp. 557 °F

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

See Page #3.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacements 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 G. A. Daniell Date 4/13/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTBI - 1 Co. of HANOVER, CT. have inspected the components described in this Owner's Report during the period 3-14-00 of 5-4-00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1025
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-4- 1900

(12/82)

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 April 1, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR#980120215-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Authorization Number Not Applicable
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System REACTOR COOLANT (RC) 1RC22AD-1.5"
5. (a) Applicable Construction Code III ^{CL1} 19 74 Edition, S75 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
HEX NUT	NOVA	HEAT NO. HDF	NA	CAT ID 0037034	NA	REPLACEMENT	NO
THREADED ROD	NOVA	HEAT NO. RAK	NA	CAT ID 0039990	NA	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE GASKET AND BOLTING MATERIAL
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT1 on Bolting Performed 3/6/00
 Other: Pressure N/A psi Test Temp. N/A °F
VT 2 not required per code inter XI-92-65

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

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 G. A. Daniell Date 4/1/2000, 18
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 of Province of Illinois and employed by HSPB-1 Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 9-23-99 of 4-22-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-2-, 19000

(12/82)

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 April 1, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
 Sheet 1 of 2
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
WR#980120201-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
 Authorization Number Not Applicable
 Expiration Date Not Applicable
4. Identification of System REACTOR COOLANT (RC) 1RC22AC-1.5"
5. (a) Applicable Construction Code III ^{CL} 19 74 Edition, S75 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
HEX NUT	NOVA	HEAT NO. HDF	NA	CAT ID 0037034	NA	REPLACEMENT	NO
THREADED ROD	NOVA	HEAT NO. RAK	NA	CAT ID 0039990	NA	REPLACEMENT	NO

7. Description of Work REPLACE FLANGE GASKET AND BOLTING MATERIAL
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
YTI Performed
3/14/00 Other: Pressure N/A psi Test Temp. N/A °F

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

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 G. Daniel Date 4/1/00
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 of Province of Illinois and employed by USBI & Co. of Washington, D.C. have inspected the components described in this Owner's Report during the period 9-23-99 of 4-4-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions DB 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4-, 192000

(12/82)

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 March 30, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
 2. Plant Braidwood ComEd Plant Sheet 1 of 3
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
 Unit 1
 WR#980003831-01
Repair Organization P.O. No., Job No., etc.
 3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
 Authorization Number Not Applicable
 Expiration Date Not Applicable
 4. Identification of System 1RE04C-3" PIPE
 5. (a) Applicable Construction Code III ^{CLZ} 19 74 Edition, S75 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
ELBOW	CONSOLIDATED	HEAT NO. LSUM-2	NA	CAT ID 0038377	NA	REPLACEMENT	NO
WELDROD	WELDSTAR	HEAT NO. PS 980	NA	SI# 611A13	NA	REPLACEMENT	NO
WELDROD	WELDSTAR	HEAT NO. CT 7030	NA	SI# 611A13	NA	REPLACEMENT	NO
RED. CONC.	WFI	HEAT NO. 862ZNA	NA	CAT ID 0015612	NA	REPLACEMENT	NO

7. Description of Work INSTALL RELIEF VALVE ON 1RE04C-3" LINE

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: Pressure 48.0 psi Test Temp. AMBIENT °F
VT-2 PRESSURE TEST CODE CASE N 414-1.

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 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 MANUFACTURER'S CERTIFICATION ATTACHED FOR 3" ELBOW, MANUFACTURER'S CERTIFICATION ATTACHED FOR CONE REDUCER, MANUFACTURER'S CERTIFICATION ATTACHED FOR 3"x3" WELDOLET, AND MANUFACTURER'S COFC ATTACHED FOR WELDING ROVS.
- 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 04/02/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTBI - I Co of Hartford, CT have inspected the components described in this Owner's Report during the period 11-5-99 of 5-4-00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IR-1095
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-4-00, 1900

(12/82)

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: MARCH 27, 2000
Name
One First National Plaza, Chicago, IL 60690 Sheet 1 of
Address
2. Plant: Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 WR 990061508-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp: N/A
Name Authorization Number: N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date: N/A
Address
4. Identification of System RH - RESIDUAL HEAT
5. (a) Applicable Construction Code ASME SECT. III CL2 19 71 Edition, W72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE COMPANY	N-56902-00-0015	N/A	N/A	1976	REMOVED	YES
RELIEF VALVE	CROSBY VALVE COMPANY	N-56902-00-0005	N/A	UTC# 2049085 MRI #288219	1976	REPLACEMENT	YES

7. Description of Work REPLACED EXISTING VALVE WITH THIS ONE.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
~~NEEQSVT-2~~
75 3-27-00 Other: Pressure 210 psi Test Temp. Ambient °F
VTZ Performed
4-1-00

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks MANUFACTURER'S FORM NV-1 ATTACHED FOR REPL VA S.N. N56902-00-0005
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 GADanell Date 4/2/2000, 18
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 of Province of ILLINOIS and employed by HSBI: 1 CO of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 3-16-99 of 4-2-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. HULL Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-2-, 182000

(12/82)

DO NOT DUPLICATE

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 APRIL 1, 2000
Name
One First National Plaza, Chicago, IL 0690 Sheet 1 of 3
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 WR #990008938-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by MECHANICAL MAINTENANCE Type Code Symbol Stamp NOT APPLICABLE
Name Authorization Number NOT APPLICABLE
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date NOT APPLICABLE
Address
4. Identification of System PRESSURE SAFETY RELIEF VALVE #1RY8010A - "RY" PRESSURIZER SYSTEM
5. (a) Applicable Construction Code SECT.III, CL. 1 19 71 Edition, W72 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989 / 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)
SAFETY VALVE	O.E.M.	S/N N56964000053	NA	1RY8010A P&ID M60-5	NA	REPLACED	YES
SAFETY VALVE	CROSBY	S/N N56964000072	NA	CAT #032724 UTC #2045282	NA	REPLACEMENT	YES

7. Description of Work REPLACE VALVE.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTZ Performed
4/4/00 Other: Pressure 2223 psi Test Temp. 557 °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 GADonell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hospital Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 11-29-99 of 4-5-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. L... Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5- 2000

(12/82)

DO NOT DUPLICATE

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

1. Owner Commonwealth Edison Company Date 4-1-06
Name
One First National Plaza, Chicago, IL 60690 Sheet 1 of 1
Address

2. Plant Braidwood Nuclear Power Station Unit D1
Name
R.R. 1 Box 84, Braceville, IL 60407 NWR # 990009324-01
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address

4. Identification of System RY PRESSURIZER NS # 1RY-1

5. (a) Application Construction Code RT / 1 Edition 072 Addenda NA Code Case 1999
 (b) Application Edition of Section XI Utilized for Repairs or Replacement 1999

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	OEM	N/A	N/A	1RY8010C	N/A	REPLACED	YES
RELIEF VALVE	CROSBY	1/2 NS6964-000073	N/A	UTC# 2045283	73	REPLACEMENT	YES

7. Description of Work REPLACED RELIEF VALVE

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4/4/00 Other: Pressure 2223 psi Test Temp. 557 °F

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

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 G. A. Daniell Date 4/3/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of
Province of Illinois and employed by HSTBI - 1 CO. of HARTFORD, CT.
have inspected the components described in this Owner's Report during the period 12-29-99 of AS-2000
and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.

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

I have _____ Commissions IL 1025
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5-2000

(12/82)

**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: MARCH 27, 2000
Name
One First National Plaza, Chicago, IL 60690 Sheet 1 of
Address
2. Plant: Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 **WR 980113386-01**
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp: N/A
Name Authorization Number: N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date: N/A
Address
4. Identification of System SD - STEAM GENERATOR BLOWDOWN EPN: 1SD04030X
5. (a) Applicable Construction Code ASME SECT.III CL2 19 74 Edition, S74 Addenda, N-249 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
STRUT FIG.640N SIZE B	GRINNELL	N/A	N-2802	UTC #2039532 MRI #A-99-01427	1999	REPLACEMNT	YES
WELD ROD	WELDSTAR	N/A	N/A	HT # 107489 QRI# M97-05699	2000	REPLACEMNT	NO

7. Description of Work REPLACED EXISITNG STRUT, ATTACH END BY WELDING.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT 3/4 performed Other: Pressure N/A psi Test Temp. N/A °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached _____

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed GADaniel Date 3/31/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hershey's Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 7-29-99 of 3-31-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. [Signature] Commissions IB# 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-31, 192000

(12/82)

DO NOT DUPLICATE

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 April 1, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR#990155947-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name Authorization Number Not Applicable
35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System STEAM GENERATOR BLOWDOWN (SG) 1SD002G
5. (a) Applicable Construction Code III C² 19 74 Edition, S75 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
WELD ROD	WELDSTAR	HEAT NO. 107489	NA	CAT ID 008491	NA	REPAIR	NO

7. Description of Work DISASSEMBLE/INSPECT/REPAIR VALVE 1SD002G
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4-1-2000 Other: Pressure 1040 psi Test Temp. 552 °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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed GADaniel Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSB LLC of Hanford, CA have inspected the components described in this Owner's Report during the period 3-27-2000 of 4-5-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. Hume Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-5-2000

(12/82)

DO NOT DUPLICATE

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
Name
 One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood Nuclear Power Station
Name
 R.R. 1 Box 84, Braceville, IL 60407
Address

3. Work Performed by Mechanical Maintenance
 Braidwood Nuclear Power Station
 R.R. 1 Box 84, Braceville, IL 60407
Address

Date 1-11-00

Sheet 1 of 2

Unit 01

WR# 980126166-01

Also WR# 980126167-01

Repair Organization P.O. No., Job No., etc. *DC*

Type Code Symbol Stamp Not Applicable *3/10/00*

Authorization Number Not Applicable

Expiration Date Not Applicable

4. Identification of System SI PIPING

5. (a) Applicable Construction Code SECT III CC-2 '97 Edition, S'75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1999

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)

7. Description of Work Change Design Pressure on SI PIPING

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other: Pressure _____ psi Test Temp. _____ °F

No tests required.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not applicable

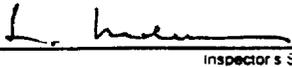
Certificate of Authorization No. Not applicable Expiration Date —

Signed  Date 3/10/00, 19____
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 of Province of Illinois and employed by HSBI, Inc. of Hartford, CT. have inspected the components described in this Owner's Report during the period 1-4-2000 of 3-15-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

 Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-15- 2000

(12/82)

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

1. Owner Commonwealth Edison Company Date 3-31-00
One First National Plaza, Chicago, IL 60690 Sheet 1 of 2
Name Address
2. Plant Braidwood Nuclear Power Station Unit 01
R.R. 1 Box 84, Braceville, IL 60407 Com Ed 980132133-01
Name Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Name Address
4. Identification of System SAFETY INJECTION (SI) N-5 # ISI-2
5. (a) Applicable Construction Code SECT III CL1 19 74 Edition, 5'74 Addenda, 1553-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code: Stamped (Yes or No)
10" SWING Check VLV.	WESTINGHOUSE	0079	W14233	15I8948D	'77	REPAIRED	Y
DISC ARM Assy	ASTRA/Nuclear DYNAMICS	A0159	N/A	HT #23563 LOT# 23563-5A2	'94	Replacement	Y

7. Description of Work REPLACE DISC ARM ASSEMBLY DURING VALVE REPAIR
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 VT 1 Completed $\frac{3}{30/00}$ Other: Pressure N/A psi Test Temp. N/A °F
 VT 3/4 Completed $\frac{3}{24/00}$
 VT 2 not Acquired - Code Interp XI-1-95-48

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 980132133-01
CAT I.D. # 0000008282 Applicable Manufacturer's Data Reports to be attached
UTC # 0002054280
RECEIPT # 32248

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 GAD Donnell Date 4/1/00 18
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 of Province of ILLINOIS and employed by HSBI-1 Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 12-27-99 of 4-4-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. [Signature] Commissions DA 1035
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4-00 1800

(12/82)

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

1. Owner Commonwealth Edison Company Date 4-1-00
One First National Plaza, Chicago, IL 60690 Sheet 1 of 2
Name
Address
2. Plant Braidwood Nuclear Power Station Unit 01
R.R. 1 Box 84, Braceville, IL 60407 CONRO 990157226-01
Name Repair Organization P.O. No., Job No., etc.
Address
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R.R. 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address
4. Identification of System SAFETY INSULATION (SI)
5. (a) Applicable Construction Code SECT III CB 19 74 Edition 5'74 Addenda _____ Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
COMPONENT SUPPORT	ITT GRINNELL	N/A	N/A	15I090135	N/A	REPAIRED	N
LOAD STUD	ITT GRINNELL	N/A	N/A	UTC # 0002036621	N/A	REPLACEMENT	N
HEX NUTS	ITT GRINNELL	N/A	N/A	UTC # 0002051196	N/A	REPLACEMENT	N

7. Description of Work REMOVE / REPLACE LOAD PIN WITH LOAD STUD
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT 3/4 Completed 3/100 Other: Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks WR # 990157226-01
Applicable Manufacturer's Data Reports to be attached

STUD CAT ID # 000032401-1

NOTS CAT ID # 000037031-1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed G.A. Daniell Date 4/1/00
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 of Province of ILLINOIS and employed by HSP31:1 CO. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 3-24-2000 of 4-2-2000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. [Signature] Commissions ILA 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-2-2000

**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 03/28/00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR 990108015-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by NEWBERG/PERINI/STONE & WEBSTER Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System SI
5. (a) Applicable Construction Code SEC.III ^{CL1} 19 71 Edition, W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Check Valve	Flowserve Corp.	E-532P-2-1	N/A	SI# 24010	N/A	Replacement	Yes

7. Description of Work Replaced Check Valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed Other: Pressure 2215 psi Test Temp. 557 °F
4/5/2000

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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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. No Applicable Expiration Date Not Applicable

Signed G. A. Daniel Date 4/5/2000, 1900
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 of Province of Illinois and employed by HSBI #1 Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 12-13-99 of 4-13-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. H. [Signature] Commissions IL-41085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-13-, 1900

(12/82)

DO NOT DUPLICATE

**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 03/28/00
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Sheet 1 of 3
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address Unit 01
WR 990108015-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by NEWBERG/PERINI/STONE & WEBSTER Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System SI
5. (a) Applicable Construction Code SEC.III 211 19 74 Edition, S '75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
45 Degree EI	ASP	RA	N/A	SI #800F38	N/A	Replacement	N/A
Pipe	CPS	HT.#8126J	N/A	SI #786B67	N/A	Replacement	N/A
Weld Electrode	ARCOS	LOT/Alloy #7404	N/A	SI #611A13	N/A	Replacement	N/A
Weld Electrode	ESBA	HT.#PK177	N/A	SI #611A38	N/A	Peplacement	N/A

7. Description of Work Replaced 45 Degree EI. And Pipe
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT 2 Performed
4/5/00 Other: Pressure 2245 psi Test Temp. 557 °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 G. A. Danzell Date 4/5/2000, 18 _____
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 of Province of Illinois and employed by HSTBI & Co. of HANFORD, CA have inspected the components described in this Owner's Report during the period 12-13-99 of 4-13-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. Maden Commissions DA 1085
Inspector's Signature National Board, State, Province, and Endorsements
Date 4-13-, 192000

(12/82)

DO NOT DUPLICATE

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 03/28/00
Name One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood ComEd Plant Unit 01
Name 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR #990108017-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Newberg/Perini/Stone & Webster Type Code Symbol Stamp N/A
Name Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address Authorization Number N/A
Expiration Date N/A
4. Identification of System SI
5. (a) Applicable Construction Code Sec. III CL1 19 71 Edition, W '72 Addenda, n/a Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Check valve	Flowserve corp.	E-532P-2-1	N/A	SI #24010 / <i>201 3/28/00</i>	N/A	<i>REPLACEMENT</i> Replaced <i>3/28/00</i>	YES

7. Description of Work Performed Replaced valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VT2 Performed
4/5/00 Other: Pressure 2215 psi Test Temp. 557 °F

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

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
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 G. J. Donnell Date 4/5/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSBI, Inc. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1-6-00 of 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IL 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-13-, 1900

(12/82)

DO NOT DUPLICATE

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 03/28/00
Name
One First National Plaza, Chicago, IL 60690
Address Sheet 1 of 2
2. Plant Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR #990108017-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Newberg/Perini/Stone & Webster Type Code Symbol Stamp N/A
Name Authorization Number N/A
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407 Expiration Date N/A
Address
4. Identification of System SI
5. (a) Applicable Construction Code Sec. III ^{CL1} 19 74 Edition, S '75 Addenda, n/a Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 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)
90 DEGREE EL	ASP	AJ1	N/A	SI #800B39	N/A	Replacement	N/A
Weld electrode	The ESAB Group	Ht #PK 177	N/A	SI #611A38	N/A	Replacement	N/A
Pipe	CPS	Ht. #8126J	N/A	SI #786B67	N/A	Replacement	N/A
Flange	CPS	Ht #860XNE	N/A	SI #781C37	N/A	Replacement	N/A

7. Description of Work Performed REPLACED 90 DEGREE EL, PIPE, AND FLANGE
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
VTZ Performed
4/5/00 Other: Pressure 2215 psi Test Temp. 357 °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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached _____
Code Case N416-1 involved

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 G. Daniel Date 4/3/2000, 18
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 of Province of Illinois and employed by HSTB 1 Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1-6-00 of 4-13-2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. Hansen Commissions IL# 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-13, 192000

(12/82)

DO NOT DUPLICATE

Doc # 10

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
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant Braidwood Nuclear Power Station
Name
R.R. 1 Box 84, Braceville, IL 60407
Address
3. Work Performed by Mechanical Maintenance
Braidwood Nuclear Power Station
R.R. 1 Box 84, Braceville, IL 60407
Address

Date 09/23/99
Sheet 1 of
Unit 01
WR # 990022235-01
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp Not Applicable
Authorization Number Not Applicable
Expiration Date Not Applicable

4. Identification of System SX - Essential Service Water
5. (a) Applicable Construction Code SECT III E 2 1977 Edition, W/78 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989

6. Identification of Components Repaired or Replaced and Replacement Components 15X2165A

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
BALL	DEM	N/A	N/A	M-42-4	N/A	REPLACED	NO
BALL	ITT ENGINEERED VALVES	HT # 772103-33	N/A	GRI # 899-01352	1994	REPLACEMENT	NO

7. Description of Work OVERTHAULED VALVE AND REPLACED BALL.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Not Required Internal Code Part Replaced
 Other: Pressure _____ psi Test Temp. _____ °F
GD 9/30/99 N/A BB 9/23/99

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 CERTIFICATE OF CONFORMANCE, CERTIFIED
MATERIAL TEST REPORTS.
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 GADaniell Date 9-30, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTBI Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 9-23-99 of 9-30-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions DA 1035
Inspector's Signature National Board, State, Province, and Endorsements
Date 9-30 19 99

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

1. Owner Commonwealth Edison Company Date April 2, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant: Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
3. Work Performed by Mechanical Maintenance
Name
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
4. Identification of System Reactor Building
5. (a) Applicable Construction Code: ASME SECT.III / DIV.2 19* Edition, * Addenda, N/A Code Case.
 * 1973 Proposed Standard Code of Concrete reactor vessels & Containments as addressed in the UFSAR, Appx.B.
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 92, 92 Addenda.
6. Identification of Components Repaired or Replaced and Replacement Components:

WR 980119784-01
 Repair Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

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)
U1 Containment Exterior Wall	Master Builders	Lot #M1665011X9	N/A	UTC # 2045911 RIN 27798	N/A	Repaired	No

7. Description of Work: Repair of 6"x12" area of spalled concrete at the constr. joint between tendon Buttress A & B, ~ 10' above Aux.Bldg roof.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other: Pressure NOT APPLICABLE psi Test Temp. NOT APPLICABLE °F

*** VT-1 EXAM PERFORMED ON EXPOSED REINFORCING STEEL. *Jung* 06/07/00**

*** VT-3C EXAM PERFORMED UPON COMPLETION OF REPAIR**

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.

*** SURFACE VERIFIED TO BE PROPERLY PREPARED PRIOR TO PLACEMENT OF REPAIR MATERIALS *Jung* 06/07/00**

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

FORM NIS-2 (Back)

HWK 980119784-01

9. Remarks CERTIFICATION OF CONFORMANCE, MATERIAL TEST REPORT, AND
MATERIAL CUBE TESTS ATTACHED.
Applicable Manufacturer's Data Reports to be attached

Findings - 6-7-00

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NOT APPLICABLE

Certificate of Authorization No. NOT APPLICABLE

Expiration Date NOT APPLICABLE

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

Date 06/07 TS 6-7-00
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 of Province of ILLINOIS and employed by HSTBI #1 Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 2-23-00 to 6-9-00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions IL # 1035
National Board, State, Province, and Endorsements

Date 6-9- 2000

(12/82)

DO NOT DUPLICATE

85

**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 April 2, 2000
Name
One First National Plaza, Chicago, IL 60690
Address
2. Plant: Braidwood ComEd Plant Unit 01
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
3. Work Performed by Mechanical Maintenance
Name
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address
4. Identification of System Reactor Building
5. (a) Applicable Construction Code: ASME SECT.III / DIV.2 19 * Edition, * Addenda, N/A Code Case.
 * 1973 Proposed Standard Code of Concrete reactor vessels & Containments as addressed in the UFSAR, Appx.B.
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)
U1 Containment Exterior Wall	Master Builders	Lot #M1665011X9	N/A	UTC # 2045911 RIN 27798	N/A	Repaired	No

7. Description of Work: Repair of 6"x12" area of spalled concrete at the constr. joint between tendon Buttress A & B, ~ 10' above Aux.Bldg roof.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other: Pressure NOT APPLICABLE psi Test Temp. NOT APPLICABLE °F
① VT1 EXAM PERFORMED ON EXPOSED REBAR. ② SURFACE VERIFIED TO BE ACCEPTABLE PRIOR TO PLACEMENT OF REPAIR MAT'L. ③ POST REPAIR VT3C EXAM PERFORMED. 6-7-08

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.

(12/82) This Form (e00030) may be obtained from the Order Dept., ASME, 345 E. 47th St. New York, N.Y. 10017

DO NOT DUPLICATE

36 ~~58~~
~~91~~

FORM NIS-2 (Back)

Num 980119784-02

9. Remarks ATTACHED ARE (1) MANUFACTURER'S CERTIFICATE OF CONFORMANCE
AND MATERIAL TEST REPORT FOR REPAIR MATERIALS. (2) REPORT OF TESTS
FOR NON SHRINK GROUT CUBES. *Jen Johnson* 6-7-00

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 *Jen Johnson*
Owner or Owner's Designee, Title

Date 06-07-2000 ⁹⁵⁶⁻⁷⁻⁰⁰

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 of
Province of ILLINOIS and employed by HSTBI Co. of HARTFORD, CT.
have inspected the components described in this Owner's Report during the period 2-23-00 to 6-9-00
and state
that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. H. H.
Inspector's Signature

Commissions Illinois
National Board, State, Province, and Endorsements

Date 6-9-00

(12/82)

DO NOT DUPLICATE

37

82

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

1. Owner Commonwealth Edison Company Date 5/2/00
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood ComEd Plant Unit 1
Name
35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address WR# 980119784-03
Repair Organization P.O. No., Job No., etc.

3. Work Performed by MECHANICAL MAINTENANCE
Name
Braidwood ComEd Plant, 35100 S. Rt. 53 Suite 84, Braceville, IL 60407
Address

4. Identification of System REACTOR BUILDING

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

5. (a) Applicable Construction Code SECT. III DIV. 2 19 * Edition. * Addenda. N/A Code Case
 (b) Applicable Edition or Section XI Utilized for Repairs or Replacement 19 92, 92 ADDENDA
* 1973 PROPOSED STANDARD CODE OF CONCRETE REACTOR VESSELS & CONTAINMENTS AS ADDRESSER IN THE UFSAR, APPX. B.

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)
U-1 CONTAINMENT EXTERIOR WALL	MASTER BUILDERS	LOT # MIU57259V9	N/A	UTC#0002040131	N/A	REPAIRED	NO

7. Description of Work REPAIR SPALLED AREA #3 ON U-1 CONTAINMENT EXTERIOR.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other: Pressure NOT APPLICABLE psi Test Temp NOT APPLICABLE °F
 ① VT-1 EXAM PERFORMED ON EXPOSED REBAR. ② SURFACE VERIFIED TO BE ACCEPTABLE PRIOR TO PLACEMENT OF REPAIR MATERIAL. ③ POST REPAIR VT3-C EXAM PERFORMED ON REPAIR AREA and done 06/07/00

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

FORM NIS-2 (Back)

Num 980119784-03

9. Remarks ① ATTACHED ARE CERTIFICATE OF CONFORMANCE AND MATERIAL TEST REPORT FROM MANUFACTURER FOR REPAIR MATERIALS. ②
ATTACHED ARE MATERIAL (GROUT) CUBE COMPRESSION TESTS.
Lindholm 6-7-00

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 *Lindholm* Date 06/07/00 2000
Owner or Owner's Designee, Title 6-7-00

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 of Province of ILLINOIS and employed by W331 Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2-23-00 to 6-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

L. Mac... Commissions IL # 1085
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-9- 2000

(12/82)

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
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood Nuclear Power Station
Name
R.R. 1 Box 84, Braceville, IL 60407
Address

3. Work Performed by Mechanical Maintenance
Braidwood Nuclear Power Station
R.R. 1 Box 84, Braceville, IL 60407
Address

Date 3-23-00
Sheet 1 of 2
Unit 01
Com Ed 980119784-04
Repair Organization P.O. No., Job No., etc.

Type Code Symbol Stamp Not Applicable
Authorization Number Not Applicable
Expiration Date Not Applicable

4 Identification of System IPC-XXX

5. (a) Applicable Construction Code Sect III/Div 2 19 * Edition, * Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1992

* 1973 PROPOSED STANDARD CODE FOR CONCRETE REACTOR VESSEL AND CONTAINMENT AS ADDRESSED IN THE VESSEL. 2/3 3-23-00

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
CONTAINMENT VESSEL	MASTERBUILDOERS	BATCH # M1665011X9	N/A	DTC # 2045911	N/A	REPAIR	No

7. Description of Work REPAIR SPALLS AREA OF TENDON TUNNEL - CONTAINMENT EXTERIOR

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other: Pressure N/A psi Test Temp. N/A °F

* VT3C EXAM PERFORMED ON REPAIRED AREA PER ASME SECT. XI 1992 EDITION / ADDENDA IWL 2220.1 / IWL 2510. Limitation 06/01/2000

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.

* SURFACE VERIFIED TO BE PROPERLY PREPARED PRIOR TO PLACEMENT OF REPAIR MATERIALS June 7-00

FORM NIS-2 (Back)

9. Remarks REF NR # 980119784-04
REPORT OF TESTS FOR NON SHRINK GROUT CUBES ATTACHED
CERTIFICATE OF CONFORMANCE FOR CONCRETE REPAIR MATERIALS
ATTACHED Jun 7 6-07-00

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] Date 06/07/2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSTB, Inc. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 2-23-00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IR-1025
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-9-2000

(12/82)

91

107

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

1. Owner Commonwealth Edison Company Date 3/20/2000
Name
One First National Plaza, Chicago, IL 60690
Address

2. Plant Braidwood Nuclear Power Station Sheet of
Name
R R - Box 84, Braceville, IL 60407
Address Unit 01
WIR 980119784-05
Repair Organization P O No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Braidwood Nuclear Power Station Authorization Number Not Applicable
R R - 1 Box 84, Braceville, IL 60407 Expiration Date Not Applicable
Address

4. Identification of System IPC XXXX

5. (a) Application Construction Code Sec. III/DIV 2 19 * Edition. * Addenda. N/A Code Case
 (b) Application Edition of Section XI Utilized for Repairs or Replacement 1992 3rd Edition
 * 1973 PROPOSED STANDARD CODE FOR CONCRETE REACTOR VESSEL AND CONTAINMENTS AS ADDRESSED IN THE WCAP, 3/20/2000

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)
CONTAINMENT EXTERIOR WALL	Master Builders	BATCH # H1165011X9	N/A	UTC #2045911	N/A	REPAIR	NO

7. Description of Work Patched spalled concrete on U-1 exterior containment wall.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other: Pressure N/A psi Test Temp N/A °F
 ① VT-1 PERFORMED ON EXPOSED REINFORCING STEEL. ② SURFACE AREA VERIFIED TO BE ACCEPTABLE PRIOR TO PLACING REPAIR MORTAR. ③ VT 3-C PERFORMED IN AREA OF REPAIR AFTER INSTALLATION. Completed 6-7-00.

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

FORM NIS-2 (Back)

NUM 980119784.05

9. Remarks ① ATTACHED ARE MANUFACTURER'S CERTIFICATE OF CONFORMANCE AND MATERIAL TEST REPORT FOR RETAIL MATERIALS. ② ATTACHED IS DOCUMENTATION FOR TESTS ON NON SHRINK CRACK CUBES

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 NOS APPLICABLE

Certificate of Authorization No. NOS APPLICABLE

Expiration Date NOS APPLICABLE

Signed *[Signature]*
Owner or Owner's Designee Title

Date 06-07-2000 ⁰⁶⁻⁶⁻⁰⁰ ₁₉ ²⁰⁰⁰

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of ILLINOIS and employed by HSTBI & I Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 2-23-00 to 6-9-00 and state

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

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

[Signature]
Inspector's Signature

Commissions IL-4 1085
National Board, State, Province, and Endorsements

Date 6-9- 2000

(12/82)

113