



Quad Cities Unit 1

Inservice Inspection Summary
Report

Refueling Outage Q1R14

9612040272 961122
PDR ADOCK 05000265
G PDR

SUBJECT/DOCUMENT: ISI Post OUTAGE (90-day) Summary Report ESK 96.

REVIEW DUE DATE: 11/29/96

[illegible]

ATTACHMENT A (1 OF 137)

ESK-96-219



REFUELING OUTAGE NUMBER Q1R14
OUTAGE START DATE: FEBRUARY 10, 1996
OUTAGE END DATE: SEPTEMBER 2, 1996

INSERVICE INSPECTION (90 DAY) SUMMARY REPORT

FOR

QUAD CITIES UNIT ONE
COMMERCIAL SERVICE DATE: FEBRUARY 18, 1973
22710 206TH AVE. NORTH
CORDOVA, IL 61242

COMMONWEALTH EDISON COMPANY
P.O. BOX 767
CHICAGO, IL 60690

Commonwealth Edison
P. O. Box 767
Chicago, IL 60690

Quad Cities Nuclear Station Unit 1
22710 206th Ave., North
Cordova, IL 61242
Commercial Service Date 2/18/73

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1.0 INTRODUCTION

1.1 Outage, Period, and Interval Start and End Dates

This Inservice Inspection (90 day) Summary Report addresses examinations performed between the end of the previous refueling outage August 26, 1994 and the end of the current refueling outage. The current refueling outage was the 14th refueling outage for Quad Cities Unit One. The outage began on February 10, 1996 and ended on September 2, 1996.

This refueling outage was the second outage in the First Inspection Period of the Third Inservice Inspection Interval. The First Inspection Period began on February 18, 1993 and is scheduled to end on February 18, 1996. However, due to the extended Q1R14 outage, ASME Section XI, IWA-2430(e) was utilized to document the extension of the First Inspection Period. The Third Inservice Inspection Interval began on February 18, 1993, and is currently scheduled to end on February 18, 2003.

This Inservice Inspection Summary Report contains the test and examinations required to complete the Quad Cities Unit One First Inspection Period of the Third ISI Interval requirements as delineated in ASME Section XI, IWB-2412.

Test, examinations, repairs and/or replacements, as required by ASME Section XI, only were witnessed or otherwise verified by Mr. Gordon Bosley. Mr. Bosley is an Inspector for the Hartford Steam Boiler Inspection & Insurance Company. The Hartford Regional Office is located at 2443 Warrenville Road, Suite 500, Lisle, Illinois 60532-9871.

1.2 Examination Program Requirements

The examination requirements of ASME Boiler and Pressure Vessel Code, Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plants Components," 1989 Edition were implemented.

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

CGE

1. Owner Commonwealth Edison, P.O. Box 767, Chicago, IL 60690
(Name and Address of Owner)
2. Plant Quad Cities Nuclear Power Station, 22710 206th, Ave. North, Cordova, IL 61242
(Name and Address of Owner)
3. Plant Unit One 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 2/18/73 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Pressure Vessel	Babcock & Wilcox	610-0122-51-52	B0074099	N-140
Reactor Recirculation	Dravo Corp.	N/A - See Table 2.3.1	N/A	N/A
Core Spray	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Feedwater	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Main Steam	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Residual Heat Removal	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Control Rod Drive	Grinnell	N/A - See Table 2.3.1	N/A	N/A
High Pressure Coolant Injection	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Reactor Water Clean Up	Grinnell	N/A - See Table 2.3.1	N/A	N/A
Shutdown Cooling	Grinnell	N/A - See Table 2.3.1	N/A	N/A

Note: Supplement sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 8/27/94 to 9/2/96
9. Inspection Period Identification : 1st Period - From 2/18/93 to 2/18/96
10. Inspection Interval Identification : 3rd Interval - From 2/18/93 to 2/18/03
11. Applicable Edition of Section XI 1989 Addenda N/A
12. Date/Revision of Inspection Plan: 09/22/95 Rev.2
13. Abstract of Examination and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Section 2.2 and Tables 2.2.1, 2.2.2, and 2.3.1.
14. Abstract of Results of Examinations and Tests. See Section 2.2 and Tables 2.2.1, 2.2.2 and 2.3.1.
15. Abstract of Corrective Measures. See Section 2.2 and Table 2.2.1.

We certify that a) the statement made in this report are correct, b) the examinations and tests meet Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date 22 November 1996 Signed Commonwealth Edison Co. By [Signature]
 Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the under signed, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and State or Province of Illinois and employed by H. S. B. I. & I. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 8/27/94 to 9/2/96, 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.

[Signature]
 Inspector's Signature

Commissions IL 971
 National Board, State, Province, and Endorsements

Date 22 November 1996

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

1. Owner Commonwealth Edison, P.O. Box 767, Chicago, IL 60690
 (Name and Address of Owner)
2. Plant Quad Cities Nuclear Power Station, 22710 206th, Ave. North, Cordova, IL 61242
 (Name and Address of Owner)
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ABSTRACT OF EXAMINATIONS, CONDITIONS NOTED,
AND CORRECTIVE MEASURES

2.2 Examination Results

A combination of ultrasonic (UT), liquid penetrant (PT), and magnetic particle (MT) testing has been performed on 86 ISI Program locations by Lambert, MacGill, and Thomas (1 MT) and ComEd personnel. There were 52 UT, 31 PT, and 3 MT examinations. There were a total of 31 visual examinations that were performed by Commonwealth Edison (ComEd) certified personnel on Class 1 and 2 components. Of this number, there were 20 VT-3 exams and 11 VT-1 exams. Pressure testing VT-2 exams are documented in Table 2.2.2. These scheduled exams are not related to repair or replacement activities. Table 2.2.1 summarizes the conditions noted and measures taken to correct the conditions. Tables 2.3.1 and 2.3.2 summarize the exams performed and detail results found.

The following welds received PSI examinations (volumetric and/or surface); 1016A-1R, 1016B-1R, 1016C-2R, 1016C-3R, 1016C-3.1, 1265-17R, 1265-18R, 1265-19R, 1265-20R. The NDE reports have been prepared, reviewed, and approved by LMT and ComEd personnel.

Volumetric and surface examination results were compared with the recorded results of preservice and prior inservice examinations for all applicable Class 1 and 2 welds.

ComEd functionally tested a total of 12 snubbers for operability per Technical Specifications 10% sampling and ASME Section XI, Relief Request CR-09. Six (6) of the 12 snubbers were ASME Section XI snubbers. All snubbers passed testing and were found acceptable for continued operation. The ASME Section XI snubbers and the other 16 component supports VT-3 examined are listed in Table 2.3.1.

Table 2.3.1 includes the augmented examinations of the Unit 1 reactor vessel shell welds performed by the GE GERIS 2000 system in accordance with 10CFR50.55 (a)(g)(6)(ii)(A). Table 2.2.1 identifies the applicable Category B-A welds with noted indications. The automated ultrasonic examinations resulted in 53 indications of which 8 were located in base metal repair areas. The indications were acceptable in accordance with IWB-3500. Welds RPV-VSC1-77, RPV-VSC1-197, and BMR-016-295 were not examined due to inaccessibility. Approval for alternate examinations were submitted by ComEd and approved by the NRC (Letter from R. M. Pulsifer, NRC to D. L. Farrar, ComEd, dated February 14, 1996 for TAC No. M94452) for weld examination coverage.

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Augmented examination commitment, NUREG 0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking," examinations were performed during this outage. Nozzles N4A, N4B, N4C, and N4D, including safe-ends, bores and blend radii, were UT examined with acceptable results. Section XI credit was taken for N4D nozzle Category B-D, Item B3.90 and B3.100 examinations. Additionally, all feedwater nozzle sparger flows holes, welds in sparger arms and sparger tees, were VT-1 inspected during the invessel visual inspection with acceptable results. Surface examinations of the nozzle bores and blend radii were not required for this operating cycle outage.

Tables 2.3.2, 2.3.3, and 2.3.4 include the augmented examination results required by NRC Generic Letter 88-01, "NRC Position on Intergranular Stress Corrosion Cracking (IGSCC) in BWR Austenitic Stainless Steel Piping." A total of 173 welds were ultrasonically examined. Crack-like indications were found in eight welds shown in Table 2.2.1. Five of the eight flawed welds were repaired by weld overlay. Flaw evaluation, according to IWB-3640, was performed on the remaining three flawed welds with NRC acceptance (Letter from R. M. Pulsifer, NRC to D. L. Farrar, ComEd, dated May 10, 1996 for TAC No. M95127 with safety evaluation) for continued operation. Also, Attachment 1 - Follow-Up to NRC Resident Report 96-004, describes the induction heating stress improvement (IHSI) conditions which precipitated the flawed welds and a summary of the probable root cause.

Pressure Testing for the 1st Period of the 3rd Interval for Unit 1 consisted of the results shown in Table 2.2.2. Credit for IWB-5221 and IWC-5221 pressure tests for the inspection period were taken.

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Table 2.2.1
CONDITIONS NOTED and CORRECTIVE MEASURES

COMPONENT ID	DESCRIPTION/RESOLUTION
RPV-CW-C4FLG, RPV-CW-C3C4, RPV-CW-C2C3, RPV-CW-C1C2, RPV-VSC3-77, RPV-VSC2-22, RPV-VSC2-141, RPV-VSC2-323, RPV-VSC1-55, BMR-167-305	During the RPV shell weld UT examination of the adjacent list of welds, indications were identified and evaluated in accordance with acceptance standards delineated in IWB-3510 and found acceptable.
02AS-F2, 02AS-S6, 02AS-S12, 02AS-F14, 02BS-S12	GL 88-01 Category "C" 28" recirculation welds which exhibited flaw indications exceeding acceptance standards delineated in IWB-3514. These welds were weld overlayed, baseline UT examined and classified as Category "E" welds.
02AD-F12, 02AS-S4, 02BS-F14	GL 88-01 Category "C" 28" recirculation welds which exhibited flaw indications exceeding acceptance standards delineated in IWB-3514. These welds were evaluated in accordance with IWB-3640 and found acceptable for continued operation without repair for approximately five years.
North HCU 30-39 @102, 34-39@103, 34-39@105, 38- 15@112 and 34- 23@104 valves and South HCU 26- 19@120 valve. LPRM 24-09, 24-49, 32-17, 40-09, 48-33	During Class 1 system leakage test, the listed HCU valves and LPRMs had excessive body to bonnet and flange leakage, respectively. Bolting was removed, VT-3 examined and found acceptable under NWR's 960043946, 960045648 and 960045421.
1-42-47, 1-50-51, and 1-18-27 CRD Housing Flange Bolting	During Class 1 system leakage test, the listed CRD housings had excessive flange leakage. Relief Request CR-16 allows credit for VT-1 examination of CRD bolting only when disassembled instead of VT-3 examinations during bolting removal as the result of bolting leakage.

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Table 2.2.2
PRESSURE TESTING SUMMARY

ITEM NUMBER	PARTS EXAMINED	EXAM TYPE	PROC. & EXAM DATE(S)	RELIEF REQUEST	REMARKS
B15.10 - B15.71	RPV, Piping, Pumps, and Valves	Visual, VT-2	QCOS-201- 08 (5-2-96, 6-13-96)	PT-01, PF 01, PR-09	Class 1 System Leakage Test
C7.10 - C7.80	Pressure Vessels, Piping, Pumps and Valves	Visual, VT-2	QCTS 762-01 (6/4/96), 762-03 (5/2/96)*, 762-04 (6/13/96), 762-05 (8/7/96), 762-06 (6/7/96), 762-12 (10/29/96), 762-13 (6/29/96), 762-14 (6/29/96)	PT-01, PT-02, PR-02, PR-04, PR-06, PR-09	Class 2 System Leakage Tests performed as shown. * PIF 96- 3225 to document CRD Class 2 testing, PIF 96-3311 to document incomplete VT-2 examination.

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Quad Cities Unit 1
ASME XI Scope
Table 2.3.1

Quad Cities Nuclear Station
22710 206th Avenue, North
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Commercial Service Date 2/18/73

DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS	REL RQS
M-3103-S01	02-F1	1-0201-22"-A	1	B-J	B9.11	UT/PT	3/15/96	NRI	NT-02
M-3103-S01	02-F1A	1-0201-22"-A	1	B-J	B9.32	PT	3/15/96	NRI	CR-02
M-990D-276	0200-M-111	Pump 1A-202	1	F-A	F1.40	FT	3/14/96	PS	CR-09
M-990D-279	0200-M-132	Pump 1B-202	1	F-A	F1.40	FT	3/15/96	PS	CR-09
M-3103-S01	0200-M-173	1-201C-12"-A	1	F-A	F1.10	VT-3	3/21/96	NRI	CR-09
M-3103-S03	0200-W-107 A&B	Pump 1A-202	1	F-A	F1.40	VT-3	3/13/96	NRI	CR-09
M-3103-S03	0200-W-108 A&B	Pump 1A-202	1	F-A	F1.40	VT-3	3/13/96	NRI	N/A
M-3103-S02	0200-W-117 A&B	1-201A-28"-A	1	F-A	F1.10	VT-3	3/13/96	NRI	N/A
M-3103-S02	0200-W-119 A&B	1-201A-28"-A	1	F-A	F1.10	VT-3	3/14/96	NRI	N/A
M-3121-S01	0200-W-176	Reactor Vessel	1	F-A	F1.40	VT-3	3/14/96	NRI	N/A
M-3121-S01	0200-W-177	Reactor Vessel	1	F-A	F1.40	VT-3	3/14/96	NRI	N/A
M-3103-S03	0204A-F1	1-0204A-2"-A	1	B-J	B9.40	PT	2/23/96	NRI	CR-02
M-3103-S03	0204A-F12	1-0204A-2"-A	1	B-J	B9.40	PT	2/24/96	NRI	CR-02
M-3103-S03	0204A-F4	1-0204A-2"-A	1	B-J	B9.40	PT	2/23/96	NRI	CR-02
M-3103-S05	0209A-F15	1-0209A-2"-A	1	B-J	B9.40	PT	3/15/96	NRI	CR-02
M-3103-S05	0209B-F7	1-0209B-2"-A	1	B-J	B9.40	PT	3/14/96	NRI	CR-02
M-3103-S04	0263-M-101	Jet Pump Instr.	1	F-A	F1.40	VT-3	3/12/96	NRI	N/A
M-3105-S01	0299-1	1-0299-2"-RV	1	B-F	B5.20	PT	2/29/96	NRI	N/A
M-3103-S01	02A-S8	1-0201A-22"-A	1	B-J	B9.31	UT/PT	3/27/96	NRI	NT-01
M-3103-S02	02AD-F12	1-0201A-28"-A	1	B-J	B9.11	UT/PT	3/5/96	IND	NT-02
M-3103-S03	02AS-F1	1-0202A-28"-A	1	B-F	B5.10	UT/PT	3/13/96	NRI	NT-01
M-3103-S01	02C-F2	1-0201C-12"-A	1	B-J	B9.11	UT/PT	3/23/96	NRI	NT-02
M-3103-S01	02F-F6	1-0201F-12"-A	1	B-J	B9.11	UT/PT	3/29/96	NRI	NT-02
M-3103-S01	02H-F1	1-0201H-12"-A	1	B-F	B5.10	UT/PT	3/26/96	NRI	NT-01
M-3103-S01	02H-F6	1-0201H-12"-A	1	B-J	B9.11	UT/PT	3/27/96	NRI	NT-02
M-3103-S01	02J-F1	1-0201J-12"-A	1	B-F	B5.10	UT/PT	3/26/96	GEO	NT-01
M-985D-1123	0320-M-201	1-0328-6"	1	F-A	F1.40	FT	2/29/96	PS	CR-09
M-3103-S02	1-0202-5B	1-0201B-28"-A	1	B-G-2/B-M-2	B7.70/B12.50	VT-1 & 3	5/16/96 & 3/21/96	NRI	N/A
M-3105-S03	1-1001-29B	1-1012B-16"-A	1	B-G-2/B-M-2	B7.70/B12.50	VT-1 & 3	3/2/96 & 3/2/96	NRI	N/A
M-3104-S01	1-1402-25A	1-1403-10"-A	1	B-G-2/B-M-2	B7.70/B12.50	VT-1 & 3	2/28/96 & 3/9/96	NRI	N/A

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Quad Cities Unit 1
ASME XI Scope
Table 2.3.1

Quad Cities Nuclear Station
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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS	REL RQS
M-3104-S02	1-1402-25B	1-1404-10"-A	1	B-G-2/B-M-2	B7.70/B12.50	VT-1 & 3	2/28/96 & 2/28/96	NRI	N/A
M-3101-S01	1-203-3B	1-3035B-6"-B	1	B-G-2	B7.70	VT-1	4/2/96	NRI	N/A
M-3101-S02	1-203-3C	1-3035C-6"-B	1	B-G-2	B7.70	VT-1	3/30/96	NRI	N/A
M-3101-S02	1-203-3D	1-3035D-6"-B	1	B-G-2	B7.70	VT-1	4/8/96	NRI	N/A
M-3101-S01	1-203-4A	1-3026A-6"-B	1	B-G-2	B7.70	VT-1	4/4/96	NRI	N/A
M-3101-S01	1-203-4B	1-3026B-6"-B	1	B-G-2	B7.70	VT-1	5/18/96	NRI	N/A
M-3101-S01	1-203-4F	1-3026F-6"-B	1	B-G-2	B7.70	VT-1	4/22/96	NRI	N/A
M-994D-316	1012A-W-101	1-1012A-16"-A	1	F-A	F1.40	FT	3/26/96	PS	CR-09
M-3105-S03	1012B-M-105	1-1012B-16"-A	1	F-A	F1.10	VT-3	2/20/96	NRI	N/A
M-1605-08	1015A-M-202-A	1-1015A-24"-A	1	F-A	F1.40	FT	3/26/96	PS	CR-09
M-3103-S03	1025-M-102 A&B	1-1025-20"-A	1	F-A	F1.10	VT-3	3/25/96	NRI	N/A
M-3105-S02	10AD-F1	1-1012A-16"-A	1	B-J	B9.11	UT/PT	3/30/96	NRI	NT-02
M-3105-S03	10BD-F1	1-1012B-16"-A	1	B-J	B9.11	UT/PT	3/30/96	GEO	NT-02
M-3105-S01	10HV-F1	1-0215-4"-B	1	B-F	B5.130	UT/PT	2/17/96	NRI	NT-02
M-3105-S01	10HV-F2	1-0215-4"-B	1	B-J	B9.11	UT/PT	2/17/96	NRI	NT-01
M-3103-S03	10S-F13	1-1025-20"-A	1	B-J	B9.11	UT/PT	3/30/96	NRI	NT-01
M-3109-S02	1265-F17R	1-1265-2"-A	1	B-J	B9.40	PT	3/14/96	NRI	CR-02
M-3109-S02	1265-F18R	1-1265-2"-A	1	B-J	B9.40	PT	3/14/96	NRI	CR-02
M-3109-S02	1265-F19R	1-1265-2"-A	1	B-J	B9.40	PT	3/14/96	NRI	CR-02
M-3109-S02	1265-F20R	1-1265-2"-A	1	B-J	B9.40	PT	3/14/96	NRI	CR-02
M-3109-S01	12S-F12R	1-1202-6"-A	1	B-J	B9.11	UT/PT	3/22/96	NRI	NT-01
M-3109-S01	12S-F24R	1-1202-6"-A	1	B-J	B9.11	UT/PT	2/24/96	NRI	NT-01
M-3104-S01	1403-M-105	1-1403-10"-A	1	F-A	F1.10	VT-3	2/20/96	NRI	N/A
M-3104-S01	14A-F1	1-1403-10"-A	1	B-F	B5.10	UT/PT	2/14/96	NRI	NT-02
M-3104-S02	14B-F16	1-1404-10"-A	1	B-J	B9.11	UT/PT	2/17/96	GEO	NT-01
M-3104-S02	14B-F6AR	1-1404-10"-A	1	B-F	B5.130	UT/PT	2/27/96	NRI	CR-04
M-3108-S01	2305-M-103	1-2305-10"-B	1	F-A	F1.10	VT-3	2/20/96	NRI	N/A
M-3101-S01	3001A-W-103 A&B	1-3001A-20"-B	1	F-A	F1.10	VT-3	3/13/96	NRI	N/A
M-3101-S01	3001B-M-106	1-3001B-20"-B	1	F-A	F1.10	VT-3	2/14/96	NRI	N/A
M-3101-S01	3001B-W-105	1-3001B-20"-B	1	F-A	F1.10	VT-3	3/13/96	NRI	N/A

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Table 2.3.1

Quad Cities Nuclear Station
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Commercial Service Date 2/18/73

DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS	REL RQS
M-328C-S08	3001C-M-101.2	1-3001C-20"-C	1	F-A	F1.40	FT	3/14/96	PS	CR-09
M-3101-S04	3007-M-102.1	1-3007-3"-B	1	F-A	F1.10	VT-3	2/14/96	NRI	N/A
M-3101-S01	30A-S12	1-3001A-20"-B	1	B-J	B9.31	UT/MT	3/21/96	GEO	NT-01
M-3102-S01	32E-S0	1-3204E-12"-C	1	B-J	B9.11	UT/MT	3/19/96	NRI	NT-01
M-3121-S01	BMR-017-318	Reactor Vessel	1	B-A	B1.51	UT	3/15/96	NRI	NT-03
M-3121-S01	BMR-018-310	Reactor Vessel	1	B-A	B1.51	UT	3/15/96	NRI	NT-03
M-3121-S01	BMR-138-270	Reactor Vessel	1	B-A	B1.51	UT	3/15/96	NRI	NT-03
M-3121-S01	BMR-167-305	Reactor Vessel	1	B-A	B1.51	UT	3/15/96	IND	NT-03
None	Closure Studs	Reactor Vessel	1	B-G-1	B6.20 & B6.30	UT/MT	2/12/96 & 2/24/96	NRI	CR-12
None	CRD Bolting	None	1	B-G-2	B7.80	VT-1	3/8/96	IND	N/A
M-3121-S01	N4A Nozzle	1-3204C-12"-C	1	B-D	B3.90	UT	2/29/96	NRI	CR-04
M-3121-S01	N4A Nozzle IRS	1-3204C-12"-C	1	B-D	B3.100	UT	2/29/96	NRI	CR-04
M-3121-S01	N4B Nozzle	1-3204C-12"-C	1	B-D	B3.90	UT	3/14/96	IND	CR-04
M-3121-S01	N4B Nozzle IRS	1-3204C-12"-C	1	B-D	B3.100	UT	3/14/96	IND	CR-04
M-3121-S01	N4C Nozzle	1-3204C-12"-C	1	B-D	B3.90	UT	2/28/96	NRI	CR-04
M-3121-S01	N4C Nozzle IRS	1-3204C-12"-C	1	B-D	B3.100	UT	2/28/96	NRI	CR-04
M-3121-S01	N4D Nozzle	1-3204C-12"-C	1	B-D	B3.90	UT	3/14/96	IND	CR-04
M-3121-S01	N4D Nozzle IRS	1-3204C-12"-C	1	B-D	B3.100	UT	3/14/96	IND	CR-04
M-3105-S01	N7-S1	Reactor Head	1	B-F	B5.10	UT/PT	2/14/96	NRI	NT-02
M-3121-S01	RPV-CW-C1C2	Reactor Vessel	1	B-A	B1.11	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-CW-C2C3	Reactor Vessel	1	B-A	B1.11	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-CW-C3C4	Reactor Vessel	1	B-A	B1.11	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-CW-C4FLG	Reactor Vessel	1	B-A	B1.30	UT	3/13/96	IND	NT-03
M-3121-S01	RPV-VSC1-317	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	GEO	NT-03
M-3121-S01	RPV-VSC1-55	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-VSC2-141	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-VSC2-22	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-VSC2-261	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	NRI	NT-03
M-3121-S01	RPV-VSC2-323	Reactor Vessel	1	B-A	B1.12	UT	3/15/96	IND	NT-03
M-3121-S01	RPV-VSC3-197	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	NRI	NT-03

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Table 2.3.1

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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS	REL RQS
M-3121 S01	RPV-VSC3-317	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	GEO	NT-03
M-3121 S01	RPV-VSC3-77	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	IND	NT-03
M-3121 S01	RPV-VSC4-219	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	GEO	NT-03
M-3121 S01	RPV-VSC4-261	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	GEO	NT-03
M-3121-S01	RPV-VSC4-339	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	GEO	NT-03
M-3121-S01	RPV-VSC4-99	Reactor Vessel	1	B-A	B1.12	UT	3/12/96	NRI	NT-03

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Table 2.3.1

NOTES

The notes listed in the Results and Relief Request columns are listed and described below.

NT-01 - Relief Requests CR-02 and CR-04 apply. These requests are related to the selection of Class 1 B-J welds and UT calibration block material specification requirements.

NT-02 - Relief Requests CR-07 and CR-10 apply. These requests are related to Class 1 welds subject to GL 88-01 expansion criteria and weld overlay repaired welds.

NT-03 - See Section 2.2, and Table 2.2.1 for reference to the RPV examination results and relief request.

Relief Request CR-09 is related to snubber VT-3 examination and functional testing under Technical Specification sampling requirements. The six (6) ASME Section XI snubbers from the sample that were functionally tested (FT) are listed in the table.

Relief Request CR-12 is related to RPV closure stud UT and MT examinations.

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Table 2.3.2

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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3103-S01	02E-S4	1-0201E-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02J-S4	1-0201J-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02J-S3	1-0201J-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02J-F6	1-0201J-12"-A	1	B-J	B9.11	UT	03/27/96	IND
M-3103-S01	02J-F2	1-0201J-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02H-S4	1-0201H-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02H-S3	1-0201H-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02H-F2	1-0201H-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02G-S4	1-0201G-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02G-S3	1-0201G-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02G-F6	1-0201G-12"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S01	02K-F6	1-0201K-12"-A	1	B-J	B9.11	UT	03/27/96	IND
M-3103-S01	02F-S3	1-0201F-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02F-S4	1-0201F-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02E-S3	1-0201E-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02D-S4	1-0201D-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02C-S4	1-0201C-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02C-S3	1-0201C-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02C-F6	1-0201C-12"-A	1	B-J	B9.11	UT	03/15/96	NRI
M-3103-S01	02B-S7	1-0201B-22"-A	1	B-J	B9.11	UT	03/29/96	IND
M-3103-S01	02B-S10	1-0201B-22"-A	1	B-J	B9.11	UT	03/29/96	IND
M-3103-S01	02B-F6	1-0201B-22"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S01	02B-F1	1-0201B-22"-A	1	B-J	B9.11	UT	03/15/96	NRI
M-3103-S01	02A-S4	1-0201A-22"-A	1	B-J	B9.11	UT	03/29/96	NRI

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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3103-S01	02A-F1	1-0201A-22"-A	1	B-J	B9.11	UT	03/15/96	NRI
M-3103-S01	02-F2	1-0201A-22"-A	1	B-J	B9.11	UT	03/15/96	NRI
M-3103-S01	02G-F2	1-0201G-12"-A	1	B-J	B9.11	UT	03/16/96	NRI
M-3103-S01	02F-F2	1-0201F-12"-A	1	B-J	B9.11	UT	03/16/96	NRI
M-3103-S01	02-F1	1-0201-22"-A	1	B-J	B9.11	UT	03/15/96	NRI
M-3103-S01	02C-F2	1-0201C-12"-A	1	B-J	B9.11	UT	03/23/96	NRI
M-3103-S01	02F-F6	1-0201F-12"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S01	02K-S3	1-0201K-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S01	02H-F6	1-0201H-12"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S01	02M-S4	1-0201M-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02M-S3	1-0201M-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02L-S5A	1-0201L-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02L-S4	1-0201L-12"-A	1	B-J	B9.11	UT	03/19/96	NRI
M-3103-S01	02L-S3	1-0201L-12"-A	1	B-J	B9.11	UT	03/16/96	NRI
M-3103-S01	02L-F6	1-0201L-12"-A	1	B-J	B9.11	UT	03/27/96	GEO
M-3103-S01	02L-F2	1-0201L-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02K-S4	1-0201K-12"-A	1	B-J	B9.11	UT	03/19/96	IND
M-3103-S02	02BD-F1	1-0201B-28"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S02	02AB-S10A	1-0201A-22"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S02	02AD-F9	1-0201A-22"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S02	02AD-S6	1-0201A-22"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S02	02AD-S5	1-0201A-22"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S02	02AD-S2	1-0201A-22"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S02	02BB-S10	1-0201B-28"-A	1	B-J	B9.11	UT	03/05/96	NRI

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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3103-S02	02BD-S5	1-0201B-28"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S02	02AD-F1	1-0201A-22"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S02	02AD-F12	1-0201A-28"-A	1	B-J	B9.11	UT	03/05/96	IND
M-3103-S02	02AD-F8	1-0201A-22"-A	1	B-J	B9.11	UT	03/05/96	NRI
M-3103-S03	02BS-S3	1-0202B-28"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3103-S03	02BS-S12	1-0202B-28"-A	1	B-J	B9.11	UT	02/24/96	IND
M-3103-S03	02BS-F7	1-0202B-28"-A	1	B-J	B9.11	UT	02/21/96	GEO
M-3103-S03	02BS-F6	1-0202B-28"-A	1	B-J	B9.11	UT	02/21/96	NRI
M-3103-S03	02BS-S5	1-0202B-28"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	02BS-S9	1-0202B-28"-A	1	B-J	B9.11	UT	03/11/96	NRI
M-3103-S03	10S-S3	1-1025-20"-A	1	B-J	B9.11	UT	04/05/96	GEO
M-3103-S03	02BS-F4	1-0202B-28"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3103-S03	02BS-F2	1-0202B-28"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3104-S01	14A-F2	1-1403-10"-A	1	B-J	B9.11	UT	02/14/96	NRI
M-3104-S01	14A-F4ER	1-1403-10"-A	1	B-F	B5.130	UT	02/27/96	GEO
M-3104-S01	14A-F1	1-1403-10"-A	1	B-F	B5.10	UT	02/14/96	NRI
M-3104-S01	14A-F17	1-1403-10"-A	1	B-J	B9.11	UT	02/14/96	NRI
M-3104-S01	14A-F6	1-1403-10"-A	1	B-J	B9.11	UT	02/14/96	NRI
M-3104-S01	14A-F7	1-1403-10"-A	1	B-J	B9.11	UT	02/14/96	NRI
M-3104-S01	14A-S8	1-1403-10"-A	1	B-J	B9.11	UT	02/19/96	NRI
M-3104-S01	14A-S9	1-1403-10"-A	1	B-J	B9.11	UT	02/19/96	NRI
M-3104-S01	14A-F11	1-1403-10"-A	1	B-J	B9.11	UT	02/19/96	NRI
M-3104-S01	14A-F3R	1-1403-10"-A	1	B-F	B5.130	UT	02/27/96	GEO
M-3104-S02	14B-S8	1-1404-10"-A	1	B-J	B9.11	UT	02/17/96	NRI

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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3104-S02	14B-F2	1-1404-10"-A	1	B-J	B9.11	UT	02/17/96	IND
M-3105-S01	10HV-F1	1-0215-4"-B	1	B-F	B5.130	UT	02/17/96	NRI
M-3105-S01	N7-S1	Reactor Head	1	B-F	B5.10	UT	02/14/96	NRI
M-3105-S02	10AD-F1	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S03	10BD-F1	1-1012B-16"A	1	B-J	B9.11	UT	03/30/96	GEO
M-3105-S03	10BD-S3	1-1012B-16"-A	1	B-J	B9.11	UT	02/21/96	GEO
M-3105-S03	10BD-S13	1-1012B-16"-A	1	B-J	B9.11	UT	02/26/96	NRI
M-3105-S03	10BD-F11	1-1012B-16"-A	1	B-J	B9.11	UT	02/22/96	GEO
M-3105-S03	10BD-S12	1-1012B-16"-A	1	B-J	B9.11	UT	02/22/96	GEO

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GL 88-01 1st Sample
Table 2.3.3

Quad Cities Nuclear Station
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Commercial Service Date 2/18/73

DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3101-S01	02D-F6	1-0201D-12"-A	1	B-J	B9.11	UT	03/23/96	NRI
M-3101-S01	02E-F2	1-0201E-12"-A	1	B-J	B9.11	UT	03/16/96	NRI
M-3103-S01	02M-F7	1-0201M-12"-A	1	B-J	B9.11	UT	03/23/96	NRI
M-3103-S01	02A-F5	1-0201A-22"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S01	02A-S3	1-0201A-22"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S01	02A-S9	1-0201A-22"-A	1	B-J	B9.11	UT	03/27/96	GEO
M-3103-S01	02B-F5	1-0201B-22"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S01	02E-F6	1-0201E-12"-A	1	B-J	B9.11	UT	03/23/96	NRI
M-3103-S01	02K-F2	1-0201K-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02M-F2	1-0201M-12"-A	1	B-J	B9.11	UT	03/18/96	NRI
M-3103-S01	02D-F2	1-0201D-12"-A	1	B-J	B9.11	UT	03/16/96	NRI
M-3103-S02	02BD-S6	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	02BD-S2	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	02BD-F9	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	02BD-F12	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	1407-77-1A	1-0201A-28"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3103-S02	1-195-75-1A11	1-0201A-28"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3103-S02	1-196-75-1B1	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	02BD-F8	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S02	1-196-75-1B11	1-0201B-28"-A	1	B-J	B9.11	UT	03/27/96	NRI
M-3103-S03	02AS-S3	1-0202A-28"-A	1	B-J	B9.11	UT	03/12/96	NRI
M-3103-S03	02AS-S4	1-0202A-28"-A	1	B-J	B9.11	UT	03/13/96	IND
M-3103-S03	02BS-F14	1-0202B-28"-A	1	B-J	B9.11	UT	03/26/96	IND
M-3103-S03	02AS-S12	1-0202A-28"-A	1	B-J	B9.11	UT	03/27/96	IND
M-3103-S03	02AS-F9	1-0202A-28"-A	1	B-J	B9.11	UT	03/29/96	GEO

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GL 88-01 1st Sample
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DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3103-S03	02AS-F8	1-0202A-28"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3103-S03	02AS-F5	1-0202A-28"-A	1	B-J	B9.11	UT	03/12/96	NRI
M-3103-S03	02BS-S3	1-0202B-28"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3103-S03	02AS-F2	1-0202A-28"-A	1	B-J	B9.11	UT	03/13/96	IND
M-3103-S03	02AS-F14	1-0202A-28"-A	1	B-J	B9.11	UT	03/28/96	IND
M-3103-S03	02AS-S6	1-0202A-28"-A	1	B-J	B9.11	UT	03/18/96	IND
M-3104-S02	14B-F12	1-1404-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S02	14B-S9	1-1404-10"-A	1	B-J	B9.11	UT	02/20/96	NRI
M-3104-S02	14B-F13	1-1404-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S02	14B-F15	1-1404-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S02	14B-S10	1-1404-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S02	14B-S14	1-1404-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3105-S03	10BD-F6	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-F9	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-S10	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-S8	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-S7	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S3	10BD-F5	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI

Commonwealth Edison
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Chicago, IL 60690

Quad Cities Unit 1
88-01 2nd Sample
Table 2.3.4

Quad Cities Nuclear Station
22710 206th Avenue, North
Cordova, IL 61242
Commercial Service Date 2/18/73

DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3103-S03	10S-F8	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	10S-F5	1-1025-20"-A	1	B-J	B9.11	UT	04/05/96	GEO
M-3103-S03	10S-F13	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	10S-F6	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	10S-S9	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	10S-S11	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S03	10S-F1	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	GEO
M-3103-S03	10S-S7	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	GEO
M-3103-S03	10S-S4	1-1025-20"-A	1	B-J	B9.11	UT	04/05/96	GEO
M-3103-S03	10S-S12	1-1025-20"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S04	N8B-F1	Jet Pump Instr.	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S04	N8B-S4	Jet Pump Instr.	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S04	N8B-S5	Jet Pump Instr.	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S04	N8B-F2	Jet Pump Instr.	1	B-J	B9.11	UT	03/30/96	NRI
M-3103-S04	N8A-S5	Jet Pump Instr.	1	B-J	B9.11	UT	04/04/96	NRI
M-3103-S04	N8A-S4	Jet Pump Instr.	1	B-J	B9.11	UT	04/04/96	NRI
M-3103-S04	N8A-S3	Jet Pump Instr.	1	B-J	B9.11	UT	04/04/96	NRI
M-3103-S04	N8A-F2	Jet Pump Instr.	1	B-J	B9.11	UT	04/04/96	NRI
M-3103-S04	N8A-F1	Jet Pump Instr.	1	B-J	B9.11	UT	04/04/96	NRI
M-3103-S04	N8B-S3	Jet Pump Instr.	1	B-J	B9.11	UT	03/30/96	NRI
M-3104-S01	14B-F7	1-1404-10"-A	1	B-J	B9.11	UT	03/29/96	NRI
M-3104-S01	14A-F12	1-1403-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S01	14A-S14	1-1403-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S01	14A-F12A	1-1403-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S01	14A-S15	1-1403-10"-A	1	B-J	B9.11	UT	03/20/96	NRI

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Quad Cities Unit 1
88-01 2nd Sample
Table 2.3.4

Quad Cities Nuclear Station
22710 206th Avenue, North
Cordova, IL 61242
Commercial Service Date 2/18/73

DRAWING	KEY	LINE	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	RESULTS
M-3104-S01	14A-S13	1-1403-10"-A	1	B-J	B9.11	UT	03/20/96	NRI
M-3104-S02	14B-F1	1-1404-10"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3104-S02	14B-F4R	1-1404-10"-A	1	B-J	B9.11	UT	03/22/96	NRI
M-3105-S01	N6B-S2	Reactor Head	1	B-J	B9.11	UT	03/28/96	NRI
M-3105-S01	N6A-S2	Reactor Head	1	B-J	B9.11	UT	03/28/96	NRI
M-3105-S01	N6B-S1	Reactor Head	1	B-J	B9.11	UT	03/28/96	NRI
M-3105-S01	N7-S2	Reactor Head	1	B-J	B9.11	UT	03/28/96	NRI
M-3105-S	N6A-S1	Reactor Head	1	B-J	B9.11	UT	03/28/96	NRI
M-3105-S02	10AD-F13	1-1012A-16"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3105-S02	10AD-S8	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	GEO
M-3105-S02	10AD-S3	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S02	10AD-S6	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S02	10AD-S7	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S02	10AD-F12	1-1012A-16"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3105-S02	10AD-F4	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S02	10AD-F5	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	GEO
M-3105-S02	10AD-F9	1-1012A-16"-A	1	B-J	B9.11	UT	03/30/96	NRI
M-3105-S02	10AD-S10	1-1012A-16"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3105-S03	10BD-F15	1-1012B-16"-A	1	B-J	B9.11	UT	04/01/96	NRI
M-3105-S03	10BD-S2	1-1012B-16"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-S4	1-1012B-12"-A	1	B-J	B9.11	UT	03/25/96	NRI
M-3105-S03	10BD-F16	1-1012B-16"-A	1	B-J	B9.11	UT	04/01/96	NRI

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Quad Cities Nuclear Station Unit 1
22710 206th Ave., North
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Commercial Service Date 2/18/73

3.0 Repair / Replacement Summary

3.1 Scope of Examinations and Results

From August 26, 1994 to September 2, 1996, repairs and replacements were performed on components at Quad Cities Unit 1. These repairs and replacements were completed in the First Inspection Period of the Third Inservice Inspection Interval. The time interval for these examinations included the Q1R14 Unit 1 refueling outage which started February 10, 1996 to September 2, 1996.

ASME Section XI repair and replacement activities at Quad Cities Nuclear Station are grouped into the following categories. These are: Repairs involving metal removal without welding, repair using welding, replacements involving welding, and replacements - non-welding activities.

The results of repairs and replacements performed on ASME Class 1 and 2 items are compiled and documented in the attached Table 3.1.1 and on the NIS-2 forms. The table lists those forms documenting work completed. Repairs and replacements of ASME Class 3 items are documented on NIS-2 forms and maintained on file at Quad Cities Nuclear Station.

Table 3.1.1
UNIT 1 NIS-2 INDEX

Program Number	Component EPN Number	Work Request Number	Unit	ASME XI Class	Repair or Replacement	Component	Summary
95-057	1-1001-36B	Q17364	1	2	Replacement	Globe Valve	Replaced RHR Torus Dump Valve Trim.
95-100	1-2301-45	Q15472	1	2	Replacement	Check Valve	Replaced HPCI Check Valve
95-101	1-3001D-75	Q13004	1	1	Replacement	Snubber	Replaced 1-75 Snubber with Lisega.
95-102	1-3001C-71	Q13017	1	1	Replacement	Snubber	Replaced 1-71 Snubber with Lisega.
95-103	1-3001C-70	Q13018	1	1	Replacement	Snubber	Replaced 1-70 Snubber with Lisega.
95-104	1-3001C-69	Q13019	1	1	Replacement	Snubber	Replaced 1-69 Snubber with Lisega.
95-105	1-3001B-64	Q13022	1	1	Replacement	Snubber	Replaced 1-64 Snubber with Lisega.
95-106	1-3001B-63	Q13023	1	1	Replacement	Snubber	Replaced 1-63 Snubber with Lisega.
95-107	1-3001A-58	Q13027	1	1	Replacement	Snubber	Replaced 1-58 Snubber with Lisega.
95-108	1-0203-28	Q13028	1	1	Replacement	Snubber	Replaced 1-28 Snubber with Lisega.
95-112	1-0220-58B	Q15461	1	1	Repair	Check Valve	Repaired Check Valve disc & repl. bolts.
95-120	1-1101-22	Q18296	1	2	Replacement	Gate Valve	Replaced Valve Disk Assembly.
95-181	1-2301-74	Q07868	1	2	Replacement	Check Valve	Replaced HPCI Check Valve Disc.
95-182	1-2301-51	Q09486	1	2	Replacement	Check Valve	Replaced HPCI Pump Check Valve.
95-183	1-1301-16	Q15177	1	1	Replacement	Gate Valve	Replaced RCIC Valve bonnet & internals.
95-184	1-202-4D	Q07843	1	1	Replacement	Safety Valve	Replaced MS safety valve.
95-185		Q11281	1	1	Replacement	Control Rod Drive	Replaced CRD H-...
95-186	1-1001-125B	Q90479	1	2	Replacement	Coupling	Replaced SW coupling.
95-187	1-1001-125A	Q90478	1	2	Replacement	Coupling	Replaced SW coupling.
95-188		Q07847	1	1	Replacement	Relief Valve	Replaced EM Relief Valve & fasteners.
95-189	1-2301-5	Q15196	1	1	Replacement	Gate Valve	Replaced HPCI MOV wedge.
95-192	1-2306-24	Q91053	1	2	Replacement	Piping	Replaced HPCI TE Sparger & Supports.
95-193	1-1003B	Q94647	1	2	Replacement	Heat Exchanger	Replaced RHRHX expansion joint.
95-195	1-0300	930065187-01	1	1	Replacement	Control Rod Drive	Replaced CRD C-13
95-196	1-0300	Q11282	1	1	Replacement	Control Rod Drive	Replaced CRD H-2
95-197	1-0300	Q11288	1	1	Replacement	Control Rod Drive	Replaced CRD A-6
95-198	1-0300	Q11278	1	1	Replacement	Control Rod Drive	Replaced CRD L-5
95-199	1-0300	Q15377	1	1	Replacement	Control Rod Drive	Replaced CRD L-9
95-200	1-1107A	Q11620	1	2	Replacement	Accumulator	Replace SBLC Accumulator.
95-201	1-1003B	940106369-01	1	2	Repair	Heat Exchanger	Repaired Eroded areas.
95-202	1-0300	Q11284	1	1	Replacement	Control Rod Drive	Replaced CRD F-12.
95-203	1-0203-4F	940106737-01	1	1	Replacement	Safety Valve	Replaced Valve Bolting.
95-204	1-3001D-74	930067190-01	1	1	Replacement	Snubber	Replaced 1-74 with Lisega.
95-205	1-0203-3A	950085020-01	1	1	Replacement	Safety Valve	Replaced Valve, reused bolts.
95-206	1-0203-4B	950084928-01	1	1	Replacement	Safety Valve	Replaced SRV.
95-207	1-0203-4E	950084933-01	1	1	Replacement	Safety Valve	Replaced SRV.
95-208	1-1402-25B	930066498-01	1	1	Replacement	Gate Valve	Replaced Valve wedge.
95-209	1-1001-36B	Q11341	1	2	Replacement	Gate Valve	Replaced Valve trim, bonnet and yoke.
95-210	R-117	930063161-01	1	2	Repair	Comp. Support	Removed Pipe Support permanently.
95-213	1-0203-4A	950084930-01	1	1	Replacement	Safety Valve	Replaced Valve bolting.
95-214	1-1003B	950097273-01	1	2	Replacement	Heat Exchanger	Replaced Bolting on HX support.
95-215	1-0203-2D	930065574-01	1	1	Replacement	Globe Valve	Replaced Valve disc and studs.
95-217	1-1003A	950097268-01	1	2	Replacement	Comp. Support	Replaced Bolting on support.
95-218	1-2301-46	910065481-01	1	2	Replacement	Control Valve	Replaced Valve.
95-219	1-0203-2A	930065573-1/4	1	1	Repair	Globe Valve	Replaced Valve seat and bolting.
95-221	1-1107A	930065596-01	1	2	Replacement	Accumulator	Replaced SBLC accumulator.
95-224	1-0201	930061407-01	1	1	Replacement	Reactor Vessel	Replaced Head Vent bolting.
95-225	1-1402-45B	910064952-01	1	2	Replacement	Flow Orifice	Replaced (1) stud & (2) nuts.
95-229	1-2301-74	940102623-01	1	2	Replacement	Check Valve	Replaced Valve Bonnet bolting.
95-231	1-1001-34B	930065929-01	1	2	Replacement	Gate Valve	Replaced Valve wedge.
95-232	1-0203-3A	930058378-01	1	1	Replacement	Safety Valve	Replaced Valve.
95-233	1-0203-3D	930061019-01	1	1	Replacement	Relief Valve	Replaced Valve and bolting.
95-235	1-1002C	940105599-01	1	2	Replacement	Pump	Replaced Flange bolting.
95-236	1-2301-24"	940104832-01	1	2	Replacement	Piping	Replaced Blind Fig. bolting.
95-237	1-1402-4A	910064949-01	1	2	Replacement	Globe Valve	Replaced Valve trim.
95-238	1-1402-45A	910064950-01	1	2	Replacement	Flow Orifice	Replaced Nut on flange bolting.
95-243	1-1402-25A	930066496-01	1	1	Replacement	Gate Valve	Replaced Wedge.
95-248	1-1107B	930065595-01	1	2	Replacement	Accumulator	Replaced Accumulator.
95-249	1-1070-6"	940105449-01	1	2	Replacement	Pipe Flange	Replaced Bolting on decon. flanges.
95-251	1-1301-17	940103125-01	1	2	Replacement	Gate Valve	Replaced Valve bonnet.

Table 3.1.1
UNIT 1 NIS-2 INDEX

Quad Cities Nuclear Station
22710 206th Ave., North
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Commercial Date 2/18/73

Program Number	Component EPN Number	Work Request Number	Unit	ASME XI Class	Repair or Replacement	Component	Summary
95-253	1-0300	950085679-01	1	1	Replacement	Control Rod Drive	Replaced CRD E-10.
96-005	1-1001-29B	940105982-05	1	1	Repair	Gate Valve	Drilled hole in valve disc.
96-008	1-1001-125B	950085613-01	1	2	Replacement	Piping	Replaced Flanges.
96-009	1-1001-125A	950085592-01	1	2	Replacement	Piping	Replaced Flanges.
96-010	1-0220-65	920066036-01	1	1	Replacement	Globe Valve.	Replaced RX Drain Valve
96-015	1-1106-B	960007482-01	1	2	Replacement	Gate Valve	Replaced 1-1106-B valve.
96-016	1-0220-58B	960014542-01	1	1	Repair	Check Valve	Repaired FW Check Valve.
96-017	1-0202	950085047-01	1	1	Replacement	Piping	Replaced Decon Flange Bolting.
96-019	1-0202B-28"	960025810-01	1	1	Repair	Piping	Repaired pipe weld 02BS-S12 WOL.
96-020	1-0202A-28"	960031409-01	1	1	Repair	Piping	Repaired pipe weld 02AS-S6 WOL.
96-021	1-1101-15	960003776-01	1	1	Replacement	Check Valve	Replaced Valve pipe & coupling.
96-022	1-0202A-28"	960033449-02	1	1	Repair	Piping	Repaired pipe weld 02AS-S12 WOL.
96-023	1-0202A-28"	960033465-02	1	1	Repair	Piping	Repaired pipe weld 02AS-F14 WOL.
96-024	1-0202A-28"	960028667-01	1	1	Repair	Piping	Repaired pipe weld 02AS-F2 WOL.
96-026	1-2301-45	960014066-01	1	2	Replacement	Check Valve	Replaced 24" Duo check valve.
96-029	1-1001-29A	960009645-01	1	1	Repair	Gate Valve	Drilled 3/16" hole in valve disc.
96-031	1-0203-3E	950100714-01	1	1	Replacement	Relief Valve	Replaced MS ERV & bolting.
96-034	1-1402-28A	950091892-01	1	2	Replacement	Relief Valve	Replaced valve.
96-035	1-1106-A	960007482-02	1	2	Replacement	Valve	Replaced Valve after surveillance.
96-039	1-1003-B	960017959-08	1	2	Replacement	Heat Exchanger	Added sway struts to the RHRHX.
96-040	1-1003-A	960017959-09	1	2	Replacement	Heat Exchanger	Added sway struts to the RHRHX.
96-042	1-202A-22	950083986-01	1	1	Replacement	Snubber	Replaced clevis retainer pin.
96-043	1-0203-3C	950100713-01	1	1	Replacement	Relief Valve	Replaced MS ERV & bolting.
96-044	1-0203-3D	950100705-01	1	1	Replacement	Relief Valve	Replaced MS ERV & bolting.
96-047	1-0328-129	950083850-01	1	2	Replacement	Snubber	Replaced Load pin on 1-129.
96-048	1-3001-D76	930067188-01	1	1	Replacement	Snubber	Replaced Snubber and load pins on 1-76.
96-049	1-1402-24A	930066474-01	1	2	Replacement	Gate Valve	Replaced Valve disc.
96-050	1-1101-43B	950084809-04	1	2	Replacement	Check Valve	Replaced Valve and associated piping.
96-051	1-1001-7C	930065300-01	1	2	Replacement	Gate Valve	Replaced Valve and associated piping.
96-052	1-0203-3B	950100712-01	1	1	Replacement	Relief Valve	Replaced Valve.
96-053	1-0300-5023	950085671-01	1	1	Replacement	Control Rod Drive	Replaced CRD N-6.
96-054	1-0300-4255	950085667-01	1	1	Replacement	Control Rod Drive	Replaced CRD L-14.
96-055	1-0300-3455	950085696-01	1	1	Replacement	Control Rod Drive	Replaced CRD J-14.
96-056	1-0300-2659	950085685-01	1	1	Replacement	Control Rod Drive	Replaced CRD G-15.
96-057	1-0300-4215	950085695-01	1	1	Replacement	Control Rod Drive	Replaced CRD L-4.
96-058	1-0300-3811	950085690-01	1	1	Replacement	Control Rod Drive	Replaced CRD K-3.
96-059	1-0300-0623	950085686-01	1	1	Replacement	Control Rod Drive	Replaced CRD B-6.
96-060	1-0300-0227	950085681-01	1	1	Replacement	Control Rod Drive	Replaced CRD A-7.
96-061	1-0300-2631	950085676-01	1	1	Replacement	Control Rod Drive	Replaced CRD G-8.
96-062	1-0300-1031	950085673-01	1	1	Replacement	Control Rod Drive	Replaced CRD C-8.
96-063	1-0300-0231	950085683-01	1	1	Replacement	Control Rod Drive	Replaced CRD A-8.
96-064	1-0300-2655	950085682-01	1	1	Replacement	Control Rod Drive	Replaced CRD G-14.
96-065	1-0300-5051	950085663-01	1	1	Replacement	Control Rod Drive	Replaced CRD N-13.
96-066	1-0300-3447	950085694-01	1	1	Replacement	Control Rod Drive	Replaced CRD J-12.
96-067	1-0300-0635	950085672-01	1	1	Replacement	Control Rod Drive	Replaced CRD B-9.
96-068	1-0300-0615	950085684-01	1	1	Replacement	Control Rod Drive	Replaced CRD B-4.
96-069	1-0300-5019	950085693-01	1	1	Replacement	Control Rod Drive	Replaced CRD N-5.
96-070	1-0300-1419	950085675-01	1	1	Replacement	Control Rod Drive	Replaced CRD D-5.
96-071	1-0300-2639	950085678-01	1	1	Replacement	Control Rod Drive	Replaced CRD G-10.
96-072	1-0300-4635	950085670-01	1	1	Replacement	Control Rod Drive	Replaced CRD M-9.
96-073	1-0300-5043	950085664-01	1	1	Replacement	Control Rod Drive	Replaced CRD N-11.
96-074	1-0300-4247	950085665-01	1	1	Replacement	Control Rod Drive	Replaced CRD L-12 and 1 bolt.
96-075	1-0300-5039	940105998-01	1	1	Replacement	Control Rod Drive	Replaced CRD N-10.
96-076	1-0300-2647	950085680-01	1	1	Replacement	Control Rod Drive	Replaced CRD G-12.
96-077	1-0300-5831	950085660-01	1	1	Replacement	Control Rod Drive	Replaced CRD R-8 and 1 bolt.
96-078	1-0300-3011	950085687-01	1	1	Replacement	Control Rod Drive	Replaced CRD H-3.
96-079	1-0202-5A	940104058-01	1	1	Replacement	Valve	Replaced Valve bolting.
96-080	1-0202-5B	940102523-01	1	1	Replacement	Valve	Replaced Valve bolting.
96-081	1-1402-24B	930066476-01	1	2	Replacement	Gate Valve	Replaced Valve disc.
96-103	1-0756-3233	960045421-01	1	1	Replacement	LPRMs	Replaced bolting.

Commonwealth Edison
P.O. Box 767
Chicago, IL 60690

Table 3.1.1
UNIT 1 NIS-2 INDEX

Quad Cities Nuclear Station
22710 206th Ave., North
Cordova, IL 61242
Commercial Date 2/18/73

Program Number	Component EPN Number	Work Request Number	Unit	ASME XI Class	Repair or Replacement	Component	Summary
96-107	1-0204A/B-2"	960027787-01	1	1	Replacement	Piping	Replaced Caps w/ welded caps.
96-112	1-2304-14-C	960057700-01	1	2	Replacement	Comp. Support	Replaced New Support.
96-115	1-0202-2	960033573-01	1	1	Replacement	Piping	Replaced Weld 0204A-F2 as F2R.
96-146	1-1101-43A	950085444-01	1	2	Replacement	Gate Valve	Replaced valve, pipe by welding
96-156	M-1611-20	920064449-01	1	2	Replacement	Comp. Support	Modified 1010-W-205 support
96-158	1-2317	920059978-01	1	2	Repair	Gate Valve	Repaired HPSI stop valve
96-178	1-0756-3233	960050550-01	1	1	Replacement	LPRM	Replaced LPRM flange bolting

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

ORA 5/10/96

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8-1-95**
Sheet **1** of **1**
Unit **1**

PROG # **95-087** WR# **Q17364**
057

ComEd

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

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **RESIDUAL HEAT REMOVAL**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
GLOBE VALVE	CRANE	UNK.	N/A	1-1001-36B	UNK.	REPLACEMENT	NO

7. Description of Work **REPLACED VALVE BONNET & DISC/SEAT TRIM UNDER ECN E04-1-93-307**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **164** psi Test Temp. **76** °F

9. Remarks ***OPERABILITY TEST**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. QA Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Oran Turner** Quality Control Date **Sept. 16** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **8-5-94** to **10-16-95**, 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 the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Gordon Bosley Commissions **IL971**

National Board, State, Province, and Endorsements

Date **10-16-1995**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PROG# 95-100

WR# Q15472

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8-17-95**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HIGH PRESSURE COOLANT INJECTION**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CHECK VALVE	C&S	90-1239-01(Q)-03	N/A	1-2301-45	1991	REPLACED	NO
CHECK VALVE	C&S	92-1924-01(Q)-01	N/A	1-2301-45	1992	REPLACEMENT	NO

Description of Work **REPLACED CHECK VALVE LIKE FOR LIKE**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **33** psi Test Temp. **118** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Robert M. QC** Date **8-18** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-31-94** to **8-18-95**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley
Inspectors Signature

Commissions **IL-971**
National Board, State, Province, and Endorsements

Date **August 18** 19 **95**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690	Date 8-18-95	PREC# 95-101 95-102 95-103 95-104 95-105	WR# <u>See Item #6</u> 95-106 95-107 95-108
2. Plant Quad Cities Nuclear Power Station 22710 206th Ave. North, Cordova, IL 61242	Sheet 1 of 2 Unit 1	ComEd <small>Repair Organization P.O. No., Job No., etc.</small>	
3. Work Performed by Quad Cities Nuclear Station 22710 206th Ave. North, Cordova, IL 61242	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A		
4. Identification of System MAIN STEAM			
5. (a) Applicable Construction Code <u>USAS B31.1 / 1967</u> Edition, <u>N/A</u> Addenda, <u>NONE</u> Code Case, <u>NONE</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- <u>1989</u>			

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification WR#	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MECH. SNUBBER	PSA	10727	N/A	Q13004	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61290/43	N/A	Q13004	N/A	REPLACEMENT	NO

7. Description of Work **REPLACED 8 SNUBBERS.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

9. Remarks *** VT 3 AND FUNCTIONAL TESTING PERFORMED**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *Oran Turner* *Quality Control* Date *Sept. 6.* 19 *95*
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **@ 8-23-94** to **9-6-95**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **21971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **9-6-** 19 **95**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# Sec Item #6

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **8-18-95**
Sheet **2** of **2**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/N**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **MAIN STEAM**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

6. Identification of Components Repaired or Replaced, and Replacement Components Continued

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification WR#	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MECH. SNUBBER	PSA	16922	N/A	Q13017	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61290/42	N/A	Q13017	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	16921	N/A	Q13018	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61278/84	N/A	Q13018	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	10730	N/A	Q13019	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61278/93	N/A	Q13019	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	10781	N/A	Q13022	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61278/94	N/A	Q13022	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	10733	N/A	Q13023	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61290/44	N/A	Q13023	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	16924	N/A	Q13027	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61300/52	N/A	Q13027	N/A	REPLACEMENT	NO
MECH. SNUBBER	PSA	7943	N/A	Q13028	N/A	REPLACED	NO
HYD. SNUBBER	LISEGA	61290/45	N/A	Q13028	N/A	REPLACEMENT	NO

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8-24-95**
Sheet **1** of **1**
Unit **1**

PRC# **95-112**

WR# **Q15461**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **FEEDWATER**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CHECK VALVE	CRANE	UNK.	N/A	1-0220-58B	UNK.	REPAIRED	NO

7. Description of Work **GROUND VALVE BODY SEATING /DISC AND REPLACED BONNET BOLTING**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X*] Pressure **54** psi Test Temp. **AMB** °F

9. Remarks *** LLRT.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Oran Turner** **Quality Control** Date **8/31/95** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-20-94** to **9-1-95**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements
Date **9-1-1995**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PROC # 95-120

WR# Q18296

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 9-15-95
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System STANBY LIQUID CONTROL

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
GATE VALVE	CRANE	UNK.	UNK.	1-1101-22	UNK.	REPLACED	NO
GATE VALVE	CRANE	UNK.	UNK.	1-1101-22	UNK.	REPLACEMENT	NO

7. Description of Work REPLACED DISC & STEM ASSEMBLY

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [*] Pressure _____ psi Test Temp. _____ °F

9. Remarks *INSERVICE LEAK TEST.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed Oran Turner Quality Control Date Sept. 18 19 95
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12-23-94 to 9-22-95, 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 the requirements of the ASME Code, Section XI.

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

Arden Basley Commissions IL 971
Inspector's Signature National Board, State, Province, and Endorsements

Date 9-22-1995

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Doc 3.12

PROG # 95-181

WR# Q07868

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 8/26/94
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System HIGH PRESSURE COOLANT INJECTION (HPCI)

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989.

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-2301-74 VLV	ROCKWELL	N/A	N/A	N/A	N/A	REPAIRED	NO
DISC-PISTON	ROCKWELL	N/A	N/A	SI# 784G91	N/A	REPLACEMENT	NO

7. Description of Work REPLACED DISC-PISTON ASSEMBLY IN HPCI TURBINE EXHAUST CHECK VALVE LIKE FOR LIKE, TESTING BY SYSTEM LEAK TEST

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X] Pressure 33 psi Test Temp. 118 °F

9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. QA Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. R. Ford J. R. Ford Maint. Staff Date 12-14 1994
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 2-4-94 to 5-9-95, 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 the requirements of the ASME Code, Section XI.

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

Gordon Boskey Commissions IL971
Inspector Signature National Board, State, Province, and Endorsements
Date 5-9- 19 95

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Doc 3.6

PROC# 95-182

WR# Q09486

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **8/26/94**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HIGH PRESSURE COOLANT INJECTION (HPCI)**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-2301-51VLV	MISSION	N/A	N/A	N/A	N/A	REPLACED	NO
CHECK VALVE	C & S	N/A	N/A	QRI# 91-00564	N/A	REPLACEMENT	NO

7. Description of Work **REPLACED HPCI COOLING WATER PUMP DISCHARGE CHECK VALVE LIKE FOR LIKE, TESTING BY SYSTEM LEAK TEST**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **44** psi Test Temp. **86** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. QA Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *J.R. Ford* **J. R. Ford Maint. Staff** Date **12-19 1994**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **12-4-93** to **5-9-95**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley **Commissions** **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **May 9, 1995**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **7/26/94**
Sheet **1** of **1**
Unit **1**

PRG# **95-183** WR# **15177**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **MAIN STEAM**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-1301-16 VLV	CRANE	N/A	N/A	N/A	N/A	REPAIRED	NO
PRESSURE RETAINING COMPONENTS	CRANE	N/A	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work **REPLACED BONNET RING, DISC AND STEM ON 1-1301-16 VLV, SYSTEM LEAKAGE TEST**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J. R. Ford** **J. R. Ford Maint. Staff** Date **11-18** 19 **94**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-24-94** to **12-19-94**, 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 the requirements of the ASME Code, Section XI.

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

Andon L. Basley **Commissions** **IL 971**
Inspector Signature National Board, State, Province, and Endorsements

Date **December 19** 19 **94**

Doc 3.7
FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **12/10/93**
Sheet **1** of **1**
Unit **1**

PRCA# **95-184** WR# **Q07843**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **MAIN STEAM**

5. (a) Applicable Construction Code **ASME III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-203-4D VALVE	CONSOLIDATED	BK 7150	N/A	N/A	N/A	REPLACED	YES
1-203-4D VALVE	CONSOLIDATED	BK 7155	N/A	N/A	N/A	REPLACEMENT	YES

7. Description of Work **REPLACED MAIN STEAM SAFETY VLV WITH REBUILT LIKE FOR LIKE REPLACEMENT**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J. R. Ford** J. R. Ford Maint. Staff Date **12-5** 19 **94**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **12-15-93** to **12-19-94**, 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 the requirements of the ASME Code, Section XI.

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

Arden Bosley Commissions **IL971**
Inspectors Signature National Board, State, Province, and Endorsements
Date **December 19** 19 **94**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Doc 3.3

PROG# 95-185 WR# Q11281

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/1/94**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CONTROL ROD DRIVE (CRD)**

5. (a) Applicable Construction Code **ASME SECT. III** Edition, **65** Addenda, **W' 65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	GENERAL ELECTRIC	1399	N/A	N/A	1970	REPLACED	YES
CRD	GENERAL ELECTRIC	1666	N/A	NWR# Q04198	1970	REPLACEMENT	YES

Description of Work **REPLACED CRD H-10 LIKE FOR LIKE, TESTING BY VT-2**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *J.R. Ford* **J. R. Ford Maint. Staff** Date **12-21** 19 **94**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-3-94** to **12-30-94**, 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.

Arden Bosley **Commissions 2L 971**
Inspector's Signature

National Board, State, Province, and Endorsements

Date **DECEMBER 30** 19 **94**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PROG # 95-186

WR# Q90479

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 8/13/94
Sheet 1 of 1
Unit 1

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **RESIDUAL HEAT REMOVAL (RHR)**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LINE 1-1020B-1-1/2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SOCKET WELD COUPLING	N/A	N/A	N/A	QRI# 83-522	N/A	REPLACEMENT	NO

7. Description of Work **INSTALLED SOCKET WELD COUPLING ON DISCHARGE LINE OF 1-1001-125B RELIEF VALVE TESTING BY VT-2**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure TORUS STATIC HEAD psi Test Temp. 80 °F

9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. R. Ford J. R. Ford Maint. Staff Date 11-17 19 94
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 6-3-94 to 11-17-94, 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 the requirements of the ASME Code, Section XI.

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

Sheldon K. B. Bosley Commissions IL971
Inspector's Signature National Board, State, Province, and Endorsements

Date November 17 19 94

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PRG # 95-187

WR# Q90478

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8/13/94**
Sheet **1** of **1**
Unit **1**

ComEd

Repair Organization P.C. No., Job No., etc

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RESIDUAL HEAT REMOVAL (RHR)**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LINE 1-1020A-1-1/2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SOCKET WELD COUPLING	N/A	N/A	N/A	QRI# M91-04277	N/A	REPLACEMENT	NO

7. Description of Work **INSTALLED SOCKET WELD COUPLING ON DISCHARGE LINE OF 1-1001-125A RELIEF VALVE TESTING BY VT-2**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **TORUS STATIC HEAD** psi Test Temp. **80** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J. R. Ford** J. R. Ford Maint. Staff Date **11-17** 19 **94**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-3-94** to **11-17-94**, 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 the requirements of the ASME Code, Section XI.

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

Gordon K. Basley Commissions **IL 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **November 17** 19 **94**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PROG# 95-188

WR# Q07847

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 8/28/94
Sheet 1 of 2
Unit 1

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **MAIN STEAM**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition N/A Addenda NONE Code Case NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ELECTRO-MATIC RELIEF VALVE	CONSOLIDATED (DRESSER-RAND)	BK 7060	N/A	N/A	N/A	REPLACED	NO
ELECTRO-MATIC RELIEF VALVE	CONSOLIDATED (DRESSER-RAND)	BK 7062	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work **REPLACE VALVE AND FASTENERS LIKE FOR LIKE, TESTING BY IN-SERVICE LEAK TEST**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 1005 psi Test Temp. 197 °F

9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed J.R. Ford J. R. Ford Maint. Staff Date 11-9 19 94
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12-17-93 to 11-17-94, 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 the requirements of the ASME Code, Section XI.

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

Gordon K. Bosley Commissions IL 971
Inspector's Signature National Board, State, Province, and Endorsements

Date NOVEMBER 17 19 94

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# Q07847

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 8/28/94
Sheet 2 of 2
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/N
Authorization No. N/A
Expiration Date N/A

4. Identification of System **MAIN STEAM**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

6. Identification of Components Repaired or Replaced, and Replacement Components Continued

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FASTENERS	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
FASTENERS	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

Doc 3.14

PROG# 95-189

WR# Q15196

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8/9/94**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **MAIN STEAM TO HPCI**

5. (a) Applicable Construction Code **USAS B31.1** Edition, **1967** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MOV 1-2301-5	CRANE	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	CRANE	C3851	N/A	QRI Q94-01595	N/A	REPLACEMENT	NO

7. Description of Work **REPLACE 1-2301-3 VALVE INTERNAL COMPONENTS, TESTING BY SYSTEM LEAKAGE TEST**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *J.R. Ford* **J. R. Ford Maint. Staff** Date **11-15** 19 **94**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-18-94** to **11-18-94**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bailey **Commissions** **76971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **November 18 - 19 94**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **6/29/95**
Sheet **1** of **1**
Unit **1**

PROG# **95-192** WR# **Q91053**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HPCI TURBINE EXHAUST SPARGER**

5. (a) Applicable Construction Code **ASME B31.1/ASME III** Edition, **1989/1977** Addenda, **N/A /W1980** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LINE 1-2306-24" INTERNAL TO THE TORUS	N/A	N/A	N/A	QRI# Q92-01256	N/A	REPLACEMENT	NO
SUPPORT M-1613-10	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO
SUPPORT M-1613-11	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work **INSTALLED NEW HPCI SPARGER AND SUPPORTS. CAPPED 2" LINE ON SPARGER**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

9. Remarks **WORK PERFORMED IN ACCORDANCE WITH MODIFICATION M4-1-91-013A. * OPERABILITY TESTING PERFORMED IN ACCORDANCE WITH QCOS 2300-5**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

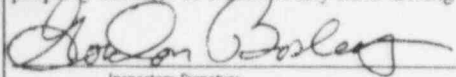
Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed  **MIKE ANDERSON/ QUALITY CONTROL** Date **6-30** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-22-92** to **6-30-95**, 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 the requirements of the ASME Code, Section XI.

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

 _____
Inspectors Signature
Commissions **IL971 BNSI**
National Board, State, Province, and Endorsements
Date **6-30-95** 19 **95**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Doc 3.2

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 12/29/92
Sheet 1 of 2
Unit 1

WR# Q94647

95-193

Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL (RHR)

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980 Winter 80'

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR HEAT EXCHANGER	SWECO	N/A	N/A	STATE # U0193225	N/A	REPAIRED	YES
EXPANSION JOINT	ASSOC. PIPING	K9145	N/A	QRI# 83-441	1983	REPLACEMENT	NO
FASTENERS	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work REPLACED EXPANSION JOINT, BY WELDING, IN RHR HEAT EXCHANGER

8. Tests Conducted: Hydrostatic [X] Pneumatic [] Nominal Operating Pressure []
Other [] Pressure 440 psi Test Temp. 85 °F

9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. QA Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. R. Ford J. R. Ford Maint. Staff Date 1-13 1995
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 9-30-92 to 10-31-95, 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 the requirements of the ASME Code, Section XI.

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

Inspector Signature Gordon Bosley Commissions IL971

National Board, State, Province, and Endorsements

Date 10-31-1995

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# Q94647

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 12/29/92
Sheet 2 of 2
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/N
Authorization No. N/A
Expiration Date N/A

4. Identification of System **RESIDUAL HEAT REMOVAL (RHR)**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE

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

6. Identification of Components Repaired or Replaced, and Replacement Components Continued

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SOCKET WELD COUPLING	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

ANIANII REVIEW
10-31-95

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Doc 3.3

WR# Q11286

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/1/94**
Sheet **1** of **1**
Unit **1**

Repair Pay # **95-195**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CONTROL ROD DRIVE (CRD) C-13 (10-51)**

5. (a) Applicable Construction Code **ASME SECTION III** Edition, **1965** Addenda, **W'65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	GE	1566	N/A	N/A	1970	REPLACED	YES
CRD	GE	A3186	N/A	WR# Q07319	1980	REPLACEMENT	YES

7. Description of Work **REPLACE CRD 10-51 LIKE FOR LIKE, TEST BY VT-2**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J. R. Ford** J. R. Ford Maint. Staff Date **1-24** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-3-94** to **2-6-95**, 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 the requirements of the ASME Code, Section XI.

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

Garson Basley Commissions **2L971**
Inspector Signature National Board, State, Province, and Endorsements

Date **2-6-** 19 **95**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# Q11282

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 9/1/94
Sheet 1 of 1
Unit 1

Aug # 95-196

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **CONTROL ROD DRIVE (CRD) H-2 (30-07)**

5. (a) Applicable Construction Code ASME SECTION III Edition, 1965 Addenda, W'65 Code Case, 1361
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	GE	357	N/A	N/A	1968	REPLACED	YES
CRD	GE	1803	N/A	WR# Q04200	1970	REPLACEMENT	YES

7. Description of Work **REPLACE CRD 30-07 LIKE FOR LIKE, TEST BY VT-2**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐
Other ☒ Pressure 1005 psi Test Temp. 197 °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. R. Ford J. R. Ford Maint. Staff Date 1-24 19 95
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 3-3-94 to 2-6-95, 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 the requirements of the ASME Code, Section XI.

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

Charles Bosley Commissions IL 971
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-4- 19 95

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065189-01(Q11288) Progress 197

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **5/06/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Control Rod Drive**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **W-65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive	GE	540A	N/A	1-0300-0223	1968	Replaced	Yes
Control Rod Drive	GE	A8943	N/A	1-0300-0223	1992	Replacement	Yes

7. Description of Work: **Replaced one control rod drive like for like.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X]
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks: * Other exams - VT-1 on CRD bolting. *Performed VT-2 during Class 1 system leakage test.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** Date **MAY 06 1996**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-3-94** to **5-6-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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

IL971

National Board, State, Province, and Endorsements

Date **5-6-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# Q11278 Repair Program # 95-198

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **4/20/96**
Sheet **1** of **1**
Unit **1**

930065179-01

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Control Rod Drive (CRD) L-5 (42-19)**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	GE	A3516	N/A	N/A	1980	Replace	YES
CRD	GE	1282	N/A	WR# Q04194	1970	Replacement	YES

Description of Work **Replaced Control Rod Drive (CRD)**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Other Exams- VT- 1 on bolting**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** for **ISI GROUP** Date **4-20** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-3-94** to **5-10-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-10-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# Q15377 PRGM NO. 95-199

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/20/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **CONTROL ROD DRIVE (L-9)**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GE	1625	N/A	1-0300	70	Replaced	Yes
CONTROL ROD DRIVE	GE	391	N/A	1-0300	68	Replacement	Yes

7. Description of Work: **REPLACED ONE CONTROL ROD DRIVE**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure **1005** psi Test Temp. **197** °F

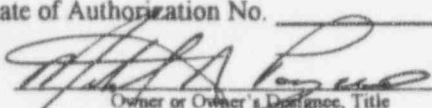
9. Remarks **Other Exams- VT-2 system leakage test and VT-1 CRD Bolting exam**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

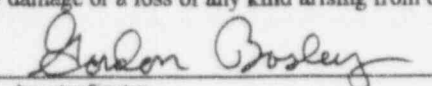
Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed  **Gordon Bosley** Date **4-20** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 3-19-94 to 5-11-96, 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 the requirements of the ASME Code, Section XI.

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

 **Gordon Bosley** Commissions **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-11-1996**

WR# **QXXXXX**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

me 10/23/96

WR# 930065596-01 (Q11620) Program# 95-221

95-200

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/12/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SBLC Accumulator	Greer	28008	7814	State # U232101	N/A	Replacement	Yes
SBLC Accumulator	Greer	P/N A68514-200	N/A	State # U231808	N/A	Replaced	Yes
SBLC Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work: **Replaced accumulator and increased weld size of stancion to pipe.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1275** psi Test Temp. **95** °F

9. Remarks: **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **for** **ISI GROUP** Date **MAY 12** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-21-94** to **5-13-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**

National Board, State, Province, and Endorsements

Date **5-13-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 940106369-01 Program # 95-201

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 4/22/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **RHR**

5. (a) Applicable Construction Code ASME Section III Edition, 1965 Addenda, W-66 Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1B RHR Ht Exchanger	SWECO	N/A	N/A	1-1003B	1968	Repaired	No
Bolting Material	N/A	N/A	N/A	1-1003B	N/A	Replacement	No

7. Description of Work **1. Replaced bolting material at shell cover, floating head, and channel cover. 2. Repaired eroded areas on floating head and channel cover. 3. Replaced damaged channel baffle plate.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ [X]
Other ☐ Pressure 162 psi Test Temp. 60 °F

9. Remarks: ***VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI GROUP Date MAY 16 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12-6-95 to 5-20-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] 26971
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-20-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

Doc 33

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison** Date **9/1/94** *1261 95-202* WR# **Q11284**
72 W. Adams, Chicago, IL 60690
Sheet **1** of **1**
Unit **X**

2. Plant **Quad Cities Nuclear Power Station** **ComEd**
22710 206th Ave. North, Cordova, IL 61242
Repair Organization P.O. No., Job No., etc.

3. Work Performed by **Quad Cities Nuclear Station** Type Code Symbol Stamp **N/A**
22710 206th Ave. North, Cordova, IL 61242 Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CONTROL ROD DRIVE (CRD)**

5. (a) Applicable Construction Code **ASME SECTION III** Edition, **1965** Addenda, **W'65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	GENERAL ELECTRIC	883A	N/A	N/A	1965	REPLACED	YES
CRD	GENERAL ELECTRIC	A3619	N/A	NWR# Q04202	1992	REPLACEMENT	YES

7. Description of Work **REPLACED CRD F-12 (22-47) LIKE FOR LIKE, TEST BY VT-2**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1005** psi Test Temp. **197** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

repair or replacement

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**Certificate of Authorization No. **N/A** Expiration Date **N/A**Signed *J.R. Ford* **J. R. Ford Maint. Staff** Date **1-23** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-3-94** to **5-4-96**, 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 the requirements of the ASME Code, Section XI.

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

London Wesley Commissions **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-4-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 940106737-01 (Q18959) Program #95-203

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/01/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Valve	Consolidated	BK-7158	N/A	1-0203-4F	N/A	Replaced	Yes
Safety Valve	Consolidated	BL-2471	N/A	1-0203-4F	N/A	Replacement	Yes

7. Description of Work: **Replaced valve by bolting.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X]
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William J. For...* **ISI GROUP** Date **MAY 18** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-23-96 to 5-20-96, 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 the requirements of the ASME Code, Section XI.

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

Jordan Bosley Commissions **IL971**
Inspector's Signature National Board, State,
Date **5-20-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# Q13005 / 930067190-01 Repair Program # 95-204

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 4/23/96
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Main Steam System Snubber 1-74

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA - 10 Snubber	Pacific Scientific	10725	N/A	PSA 10	N/A	Replace	YES
Lisega Snubber	Lisega	61278/89	N/A	3052RE2	N/A	Replacement	YES

7. Description of Work Replaced Mechanical Snubber with Hydraulic under Exempt Change # E04-1-94-005

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [x] Pressure _____ psi Test Temp. _____ °F

9. Remarks Other Exams- VT- 3/4 prior to removal and after new installation

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date MAY 06 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-94 to 5-6-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971
Inspectors Signature National Board, State, Province, and Endorsements
Date 5-6-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950085020-01 Program #95-205

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/23/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1968** Addenda, **W-68** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Main Steam SRV	Target Rock	225	N/A	1-0203-3A	N/A	Replaced	Yes
Main Steam SRV	Target Rock	198	N/A	1-0203-3A	N/A	Replacement	Yes

7. Description of Work **Replaced valve and reused existing bolting material**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X]
 Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: *** Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **ISI GROUP** Date **MAY 18** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10-16-95 to 5-20-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-20-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950084928-01 Program #95-206

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **4/23/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Valve	Consolidated	BK-7158	N/A	1-0203-4B	N/A	Replaced	Yes
Safety Valve	Consolidated	BL-1132	N/A	1-0203-4B	N/A	Replacement	Yes

7. Description of Work **Replaced valve by bolting.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☒ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: *** VT-1 performed on bolting. VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** Date **May 20** 19 **96**
Owner or Owner's Designee, Title **ISI Group**

CERTIFICATE 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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **11-8-95** to **6-11-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements
Date **6-11-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950084933-01 Program #95-207

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/23/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Valve	Consolidated	BK7164	N/A	1-0203-4E	N/A	Replaced	Yes
Safety Valve	Consolidated	BK6318	N/A	1-0203-4E	N/A	Replacement	Yes
Bolting Stud	N/A	N/A	N/A	SI# 792D64	N/A	Replacement	No

7. Description of Work **Replaced valve and bolting (stud).**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X]
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: *** VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *W. W. Smith* **FOR** *ISI GROUP* Date **MAY 18** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 11-8-95 to 5-20-96, 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 the requirements of the ASME Code, Section XI.

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

Golden Bosley Commissions **IL971**
Inspectors Signature National Board, State, Province, and Endorsements
Date **5-20-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 930066498-01 Program #95-208

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/24/96**
Sheet **1 of 1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **UASA E31.1 / 1967** Edition, **None** Addenda, **None** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Wedge,	Crane	N/A	N/A	1-1402-25B	unknown	Replaced	No
Wedge,	Crane	N/A	N/A	1-1402-25B	unknown	Replacement	No

Description of Work: **Replaced Wedge, Wedge Guide and Stem. To upgrade valve.**

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

9. Remarks: *** Local Leak Rate Test**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* Date **April 24 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **11-27-95** to **5-11-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **5 - 11 - 19 96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# Q11341 Program # 95-209

930065301-01

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 04/24/96
Sheet 1 of 1
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Residual Heat Removal (RHR)**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition N/A Addenda NONE Code Case NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve Bonnet	CCI	N/A	N/A	1-1001-36B	N/A	Replacement	No
Globe Valve Trim	CCI	N/A	N/A	1-1001-36B	N/A	Replacement	No

7. Description of Work **Replaced globe valve trim and bonnet**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 164 psi Test Temp. 75.9 °F

9. Remarks ***VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] for ISI GROUP Date April 24 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 3-24-94 to 5-14-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971
Inspectors Signature National Board, State, Province, and Endorsements

Date 5-14-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **8/2/94**
Sheet **1** of **1**
Unit **1**

PROG# **95-210**

WR# **Q09403**

93006316-01

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CORE SPRAY**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition **N/A** Addenda **NONE** Code Case **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SUPPORT R-117	N/A	N/A	N/A	N/A	N/A	REPLACED*	NO

7. Description of Work ***PERMANENT REMOVAL OF SUPPORT R-117 PER SESR 4-2187**

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

Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J.R. Ford** J. R. Ford Maint. Staff Date **1-26** 19 **95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-4-94** to **1-30-95**, 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 the requirements of the ASME Code, Section XI.

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

Sheldon K. Bosley Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **1-30-** 19 **95**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950084930 Program #95-213

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/24/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**,

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Valve	Consolidated	BL1179	N/A	1-0203-4A	N/A	Replaced	Yes
Safety Valve	Consolidated	BK7165	N/A	1-0203-4A	N/A	Replacement	Yes

7. Description of Work: **Replaced valve by bolting**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [*X] Pressure **1010** psi Test Temp. **200** °F

9. Remarks: *** VT-1 performed on bolting. VT-2 performed during system leakage.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **W. W. Smith, Jr.** **ISI GROUP** Date **MAY 18** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **11-8-95** to **5-20-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-20-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950097273-01 Program #95-214

Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

Date 4/25/96
Sheet 1 of 1
Unit 1

ComEd
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System RHR

5. (a) Applicable Construction Code ASME SEC III/ 1965 Edition, N/A Addenda, None Code Case, None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	1-1003B	unknown	Replaced	No
Bolting Material	N/A	N/A	N/A	1-1003B	unknown	Replacement	No

Description of Work: Replaced Threaded Fasteners between RHR Heat Exchanger and structural steel.

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

9. Remarks: VT-3/4 completed

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] for ISI GROUP Date April 25 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10-5-95 to 5-14-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IL971
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-14- 1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065574 (Q11589) Program #95-215

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **5/12/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME B31.1 / 1967** Edition, **N/A** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	Crane	N/A	N/A	1-0203-2D	unknown	Replacement	No
Bonnet Stud	N/A	N/A	N/A	1-0203-2D	unknown	Replacement	No

7. Description of Work: **1. Replaced valve disc and bonnet studs to upgrade valve.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [*X] Pressure **920** psi Test Temp. **540** °F

9. Remarks: *** Performed LLRT post-maintenance.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 12** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-16-94** to **5-13-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**

National Board, State, Province, and Endorsements

Date **5-13-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950097268-01 Program #95-217

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/25/96**
Sheet **1** of **1**
Unit **1**

ComEd
Repair Organization P.O. No., Job No., etc.

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RHR**

5. (a) Applicable Construction Code **ASME SEC III/ 1965** Edition, **N/A** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	1-1003A	unknown	Replaced	No
Bolting Material	N/A	N/A	N/A	1-1003A	unknown	Replacement	No

Description of Work: **Replaced Threaded Fasteners between RHR Heat Exchanger and structural steel.**

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

9. Remarks: **VT-3/4 completed**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date April 25 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10-3-95 to 5-14-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 871
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-14-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

3 E

WR# Q96836

Perman # 95-210

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **8/26/94**
Sheet **1** of **1**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HIGH PRESSURE COOLANT INJECTION (HPCI)**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HPCI PCV	B S & B	N/A	N/A	1-2301-46	N/A	REPLACED	NO
HPCI PCV	SI# 811G85	N/A	N/A	QRI# Q94-01036	N/A	REPLACEMENT	NO
FASTENERS	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work **REPLACE HPCI 1-2301-46 PCV BY WELDING PER WORK PACKAGE**

Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure **260** psi Test Temp. **86** °F

9. Remarks **Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.**

CERTIFICATE OF COMPLIANCE

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

repair or replacement

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **J. R. Ford** J. R. Ford Maint. Staff Date **1-16** 19**95**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **2-21-94** to **7-9-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **7-9-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065573 (Q11588) Program # 95-219

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/25/96**
Sheet **1** of **2**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bolting	N/A	N/A	N/A	1-203-2A	unknown	Replaced	No
Valve Bolting	N/A	N/A	N/A	1-203-2A	unknown	Replacement	No

7. Description of Work: 1. Replacement of Bolting Material. 2. Replacement of Seat Ring using machining and welding.

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [X*] Pressure **920** psi Test Temp. **540** °F

9. Remarks: **Performed VT-2 during system leakage test. * Performed MT/PT exams and VT-1 and VT-3/4.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Hubert For ISI Group** Date **APRIL 25** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-17-94** to **6-24-96**, 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 the requirements of the ASME Code, Section XI.

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

Carlton Brasley
Inspector's Signature

Commissions **IL971**

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 930065573 (Q11588) Program # 95-219

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/25/96**
 Sheet **2 of 2**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Seat Ring	Crane	N/A	N/A	1-203-2A	N/A	Replaced	No
Valve Seat Ring	Crane	N/A	N/A	1-203-2A	N/A	Replacement	No

AMERICAN REVISED
 16-74-96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065596-01 (Q11620) Program# 95-221

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 5/12/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SBLC Accumulator	Greer	28008	7814	State # U232101	N/A	Replacement	Yes
SBLC Accumulator	Greer	P/N A68514-200	N/A	State # U231808	N/A	Replaced	Yes
SBLC Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work: **Replaced accumulator and increased weld size of stancion to pipe.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1275 psi Test Temp. 95 °F

9. Remarks: **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] for ISI GROUP Date MAY 12 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 7-21-94 to 5-13-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971

National Board, State, Province, and Endorsements

Date 5-13-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930061407-01 (Q08051) Program #95-224

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/01/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Reactor Vessel Head Vent**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **N/A** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs/Nuts	N/A	N/A	N/A	1-0215-4"	N/A	Replaced	No
Studs/Nuts	N/A	N/A	N/A	1-0215-4"	N/A	Replacement	No

7. Description of Work: **Replaced Studs and Nuts.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1005** psi Test Temp. **< 200** °F

9. Remarks: **VT-2 System Leak test performed.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 06 1996**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-17-94** to **5-6-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **IL 971**
Inspector's Signature National Board, State,

Date **5 - 6 - 1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 910064952-01 (Q96358) Program #95-225

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 5/07/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Core Spray**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, None Code Case, None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	N/A	N/A	N/A	1-1402-45B	unknown	Replaced	No
Flow Orifice	N/A	N/A	N/A	1-1402-45B	unknown	Replacement	No

7. Description of Work: **Replaced one missing stud and two nuts on flow orifice.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 260 psi Test Temp. 82 °F

9. Remarks: VT-2 performed.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed William For Date MAY 07 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-12-94 to 5-11-96, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions IL971
Inspectors Signature National Board, State, Province, and Endorsements

Date 5-11- 19 96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR # 940102623-01 Program #95-229

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **5/01/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HPCI**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **NONE** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	1-2301-74	unknown	Replaced	No
Bolting Material	N/A	N/A	N/A	1-2301-74	unknown	Replacement	No

7. Description of Work: **Replaced bonnet bolting.**

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

9. Remarks: **No pressure testing required per Code Inquiry IN 95-21.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** for **ISI GROUP** Date **05-01** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **11-17-95** to **5-6-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements
Date **5-6-96** **5-6-96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065929-01 (Q12185) Program #95-231

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/07/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Residual Heat Removal Service Water**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**,

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Wedge	Crane	N/A	N/A	1-1001-34B	N/A	Replaced	No
Valve Wedge	Crane	N/A	N/A	1-1001-34B	N/A	Replacement	No

7. Description of Work: **Replaced valve wedge.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **260** psi Test Temp. **82** °F

9. Remarks: **VT-2 completed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Michael For, ISI GROUP** Date **MAY 07 1996**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-5-94** to **5-11-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements
 Date **5-11-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **03/05/96**
 Sheet **1** of **1**
 Unit **1**

WR# **Q05813**
93005B378-01
95-232

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - **1989**, Addenda, **None**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Target Rock	198	N/A	1-203-3A	Unk	Replaced	Yes
Valve	Target Rock	225	N/A	1-203-3A	Unk	Replacement	Yes

7. Description of Work: **Replaced Class 1 safety-relief valve.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **1005** psig Test Temp. **197** °F

9. Remarks: **Performed VT-1 examination on inlet and outlet flange bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **C.L. Conner, Inspections/Testing Group Lead** Date **05 March 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **12-20-93** to **5-7-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 52971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-7-19 96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690
 Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **03/05/96**
 Sheet **1** of **1**
 Unit **1**

WR# **Q07846**
930061019-01
95-233

ComEd

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

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - **1989**, Addenda, **None**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Dresser	BK7070	N/A	1-203-3D	Unk	Replaced	Yes
Valve	Dresser	BX00292	N/A	1-203-3D	Unk	Replacement	Yes

7. Description of Work: **Replaced Class 1 relief valve and one nut (lost during maintenance).**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **1005** psig Test Temp. **197** °F

9. Remarks: **Performed VT-1 examination on inlet and outlet flange bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *Christy L. Conner* **C.L. Conner, Inspections/Testing Group Lead** Date **05 March** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **12-17-93** to **5-7-96**, 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 the requirements of the ASME Code, Section XI.

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

Edson Bosley **Commissions** **IL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **5-7-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690
 Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **03/02/96**
 Sheet **1** of **1**
 Unit **1**

WR# **Q17247**
940104571-01
940105599-01
95-235

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Residual Heat Removal**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition **N/A** Addenda **None** Code Case **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump Suction Flange	Unk.	N/A	N/A	1-1002C	Unk	Replaced	No
Pump Suction Flange	Unk.	N/A	N/A	1-1002C	Unk	Replacement	No

7. Description of Work: **Replaced bolting on pump suction spoolpiece flange due to wear.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☒ Pressure **164** psig Test Temp. **75.9** °F

9. Remarks **None.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Christopher L. [Signature]** Date **03/02/96** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-28-94** to **5-7-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-7-1996**

As Required by the Provisions of ASME Code Section XI

95-236

Date 03/02/96
Sheet 1 of 1
Unit 1

ComEd

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

Type Code Symbol Stamp	<u>N/A</u>
Authorization No.	<u>N/A</u>
Expiration Date	<u>N/A</u>

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, None Code Case, None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1989, Addenda, None

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump Steam Exhaust Flange	Unk.	N/A	N/A	1-2301-24"-LX	Unk	Replaced	No
Pump Steam Exhaust Flange	Unk.	N/A	N/A	1-2301-24"-LX	Unk	Replacement	No

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 33 psig Test Temp. 263 °F

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

Signed M. Wink FOR ISI GROUP Date April 25 1996
Owner or Owner's Designee, Title

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

Inspector's Signature Arden Bosley Commissions IL 971
National Board

Date 4-26- 19 96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date: 03/02/96

Sheet: 1 of 1

WR#: Q96355

Unit: 1

910064949-01

95-237

2. Plant: Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

3. Work Performed by: Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System: Core Spray

5. (a) Applicable Construction Code: USAS B31.1 / 1967 Edition Addenda None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Addenda, None

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crane	Unk.	N/A	1-1402-4A	Unk.	Replaced	No
Valve	Crane	Unk.	N/A	1-1402-4A	Unk.	Replacement	No

7. Description of Work Machined valve body, seat, and cage areas for replacement of anti-cavitation trim assembly.

8. Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
 Pressure 260 psig Test Temp. 82° F.

9. Remarks APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT QCNPS.
Performed replacement as per Exempt Change No. E04-1-93-120.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this replacement conforms to Section XI of the ASME Code. Type of Code Symbol Stamp N/A ComED 10CFR50 App B. Certificate of Authorization No. - N/A Expiration Date - N/A

Signed

Christopher L. [Signature]
 (OWNER OR OWNERS DESIGNEE)

Inspector & Testing Group Lead
 (TITLE)

03/02/96
 (DATE)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the replacement described in this Report on 3-23-96/5-1-96 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Gordon Bosley
 (INSPECTOR)

Commissions

PL 971

(NATIONAL BOARD, STATE, PROVINCE, ENDORSEMENTS)

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

2. Unit Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

Date 03/02/96
 Sheet 1 of 1
 WR# Q96356
910064950-01
95-238

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System Core Spray

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, Addenda None
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989, Addenda, None

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	N/A	N/A	N/A	1-1402-45A	N/A	Replaced	No
Flow Orifice	N/A	N/A	N/A	1-1402-45A	N/A	Replacement	No

7. Description of Work Replaced nut on flow orifice flange - lost original nut.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Pressure 260 psig Test Temp. 82° F.

9. Remarks Replaced 7/8 inch nut with SA-194 Gr. 2H ASME III NB nut.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this replacement conforms to Section XI of the ASME Code. Type of Code Symbol Stamp, N/A ComED 10CFR50 App B. Certificate of Authorization No. - N/A Expiration Date - N/A

Signed Christopher L. [Signature] Inspection & Testing Group Lead 3/2/96
 (OWNER OR OWNERS DESIGNEE) TITLE (DATE)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the replacement described in this Report on 3-21-94-5-7-96 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5-7-96 Gordon Bosley Commissions IL 971
 (INSPECTOR) (NATIONAL BOARD, STATE, PROVINCE,

ENDORSEMENTS)

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930066496-01 Program# 95-243

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **6/13/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Core Spray**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Wedge	Crane	N/A	N/A	1-1402-25A	N/A	Replaced	No
Valve Wedge	Crane	N/A	N/A	1-1402-25A	N/A	Replacement	No

7. Description of Work: **Replaced valve wedge to upgrade valve.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure **50** psi Test Temp. **ambient** °F

9. Remarks: ***Performed local leak rate test for containment isolation valve.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* Date **JUNE 13 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **11-30-95** to **6-18-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **6-18-96** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065595-01 (Q11619) Program# 95-248

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/13/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SBLC Accumulator	Greer	N/A	N/A	State # U232100	N/A	Replacement	Yes
SBLC Accumulator	Greer	N/A	N/A	State # U231809	N/A	Replaced	Yes
SBLC Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work: **Replaced accumulator and increased weld size of stancion to pipe.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1275** psi Test Temp. **90** °F

9. Remarks: **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **W. W. Smith for ISI Group** Date **MAY 13** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-19-94** to **5-13-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-13-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950105449-01 (Q11446) Program# 95-249

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/13/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Residual Heat Removal**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	1-1070-6"	N/A	Replacement	No
Bolting Material	N/A	N/A	N/A	1-1086-6"	N/A	Replacement	No

7. Description of Work: **Replaced bolting at RHR blind flange connections.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **164** psi Test Temp. **76** °F

9. Remarks: **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISE GROUP** Date **MAY 13** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-10-94** to **5-13-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **IL971**
National Board, State, Province, and Endorsements

Date **5-13-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR#Q16506

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **3/7/96**
Sheet **1** of **1**
Unit **1**

940103125-01
95-251

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **REACTOR CORE ISOLATION COOLING**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition **N/A** Addenda **NONE** Code Case **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
BONNET	CRANE	N/A	N/A	1-1301-17	N/A	REPLACED	UNK
BONNET	CRANE	N/A	N/A	1-1301-17	N/A	REPLACEMENT	UNK

7. Description of Work **REPLACED VALVE BONNET LIKE FOR LIKE**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **922** psi Test Temp. **532** °F

9. Remarks **REPLACED BODY TO YOKE TAC WELD**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *Vincent J. ISI* **ISI COORDINATOR** Date **MARCH 7** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12-28-94 to 5-14-96, 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 the requirements of the ASME Code, Section XI.

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

Jordan Bosley Commissions **IL 971**
Inspector's Signature National Board, State, Province, and Endorsements
Date **5-14-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

Program No. 95-253 WR# 950085679

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/10/96**
Sheet **1** of **1**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CONTROL ROD DRIVE**

5. (a) Applicable Construction Code **SECTION III** Edition, **1965** Addenda, **W-65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6459	N/A	950085679	1974	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8927	N/A	950085679	1991	REPLACEMENT	YES

7. Description of Work **REPLACED CONTROL DRIVE**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure **1010** psi Test Temp. **200 °F**

9. Remarks **PERFORMED VISUAL INSPECTION ON BOLTS**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **FOR ISI GROUP** Date **SEPTEMBER 24 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **9-14-95** to **10-1-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **FL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **10-1-19 96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 940105982-05 Program #96-005

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/26/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RHR**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **NONE** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Wedge	Crane	N/A	N/A	1-1101-29B	unknown	Metal Removed without welding	No

7. Description of Work: **Drilled 3/16" diameter hole in wedge to improve reliability.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X*] Pressure **48** psi Test Temp. **ambient** °F

9. Remarks: * **Performed VT-3/4 and LLRT.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* Date **April 27** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **10-21-96** to **10-21-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **10-21-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950085613-01 (Q21820) Program #96-008

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 5/01/96
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System RHR

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, N/A Code Case, None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe/SW Coupling	N/A	N/A	N/A	1-1020B-1 1/2"	N/A	Replacement	No
Flange/Studs/Nuts	N/A	N/A	N/A	1-1020B-1 1/2"	N/A	Replacement	No

7. Description of Work: Added new flange connection to allow disassemble to allow testing adjacent relief valve.

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 7.5 psi Test Temp. 60 °F

9. Remarks: VT-2 performed during system leakage test per Code Case N-416-1.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISE GROUP Date MAY 20 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 5-25-96 to 6-10-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971
Inspector's Signature National Board, State,

Date 6-10-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950085592-01 (Q21799) Program #96-009

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/01/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **RHR**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **N/A** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Coupling	N/A	N/A	N/A	1-1020A-1 1/2"	N/A	Replaced	No
Flange/Studs/Nuts	N/A	N/A	N/A	1-1020A-1 1/2"	N/A	Replacement	No

7. Description of Work: **Replaced Coupling with Flanges, Studs and Nuts.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **7.5** psi Test Temp. **60** °F

9. Remarks: **VT-2 performed during system leakage test per Code Case N-416-1.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **Wojcik** **ISI GROUP** Date **MAY 20** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **5-16-96** to **5-25-96**, 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 the requirements of the ASME Code, Section XI.

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

Inspector's Signature **Barley** Commissions **IL971**
National Board, State.

Date **5-25-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 920066036-01 Program #96-010

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 5/03/96
Sheet 1 of 1
Unit 1

Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Reactor Vessel Bottom Drain

5. (a) Applicable Construction Code ASME Section I / 1965 Edition, NONE Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe/Fittings	N/A	N/A	N/A	1-1265-2"	unknown	Replacement	No
Drain Valve	Rockwell	N/A	N/A	1-0220-65	unknown	Replaced	No
Drain Valve	Rockwell	BK513	N/A	1-0220-65	unknown	Replacement	No

7. Description of Work: Replaced drain valve and associated pipe and fittings by welding.

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X*] Pressure 1010 psi Test Temp. 200 °F

9. Remarks: * Performed VT-2 during Class 1 system leakage test per Code Case N-416-1.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI GROUP Date MAY 18 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-4-94 to 6-12-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-12-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960007482-01 Program # 96-015

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **6/14/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plug	GE	N/A	N/A	1-1106-B	N/A	Replaced	No
Valve Trigger Assembly	GE	N/A	N/A	1-1106-B	N/A	Replaced	No
Valve Plug	GE	Part # N-38319-01	N/A	1-1106-B	N/A	Replacement	No
Valve Trigger Assemble	GE	Serial # 74	N/A	1-1106-B	N/A	Replacement	No

7. Description of Work: **Replaced Valve plug/trigger after destructive testing.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [*X]
Other [] Pressure **1300** psi Test Temp. **95** °F

9. Remarks **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. QA Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI Group** Date **JUNE 25** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-9-96** to **7-9-96**, 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] **IL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **7-9-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960014542-01 Program# 96-016

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/29/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Reactor Feed Water**

5. (a) Applicable Construction Code **USAS B31.1** Edition, **1967** Addenda, **NONE** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve Seat	Crane	N/A	N/A	1-0220-58B	N/A	Repaired	No

7. Description of Work **Machined valve seat area.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☒ Pressure **1010** psi Test Temp. **200** °F

9. Remarks ***MT was performed post machining. VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **FOR** **ISI GROUP** Date **MAY 18** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **5-25-96** to **5-25-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **IL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **5-25-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950085047-01 Program #96-017

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 4/27/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **RWCU/Recirculation**

5. (a) Applicable Construction Code ASME Section I Edition, 1965 Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	1-1265-2"	unknown	Replacement	No
Bolting Material	N/A	N/A	N/A	1-0202A-28"	unknown	Replacement	No
Bolting Material	N/A	N/A	N/A	1-0202B-28"	unknown	Replacement	No

7. Description of Work: **Replaced bolting material at decon flange connections.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X*] Pressure _____ psi Test Temp. _____ °F

9. Remarks: **No pressure testing required per Code Inquiry IN 95-21. *VT-1 performed on bolting material.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date MAY 20 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 5-21-96 to N/A, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IL971
Inspectors Signature National Board, State, Province, and Endorsements
Date 5-21- 19 96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960025810-01 Program # 96-019

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/29/96**
Sheet **1 of 1**
Unit **1**

ComEd

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

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **Reactor Recirculation System**

5. (a) Applicable Construction Code **ASME Section I** Edition, **1965** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Weld 02BS-S12	GE	N/A	N/A	1-0202B-28"	N/A	Repaired	No

7. Description of Work: **Performed Non-Code repair by removing 2 existing couplings, installing plugs and performed weld overlay. Repair performed in accordance with USNRC Generic Letter 88-01 and NUREG 0313 rev 2.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test per Code Case N-416-1.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 29** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-29-96** to **6-18-96**, 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 the requirements of the ASME Code, Section XI.

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

[Signature]
Inspectors Signature

Commissions

IL 971

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960031409-01 Program # 96-020

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/29/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Reactor Recirculation System**

5. (a) Applicable Construction Code **ASME Section I** Edition, **1965** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Weld 02AS-S6	GE	N/A	N/A	1-0202A-28"	N/A	Repaired	No

7. Description of Work: **Performed Non-Code repair by performing weld overlay. Repair performed in accordance with USNRC Generic Letter 88-01 and NUREG 0313 rev 2.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 29** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **3-26-96** to **6-14-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **IL 971**
Inspector's Signature National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960003776-01 Program # 96-021

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 04/22/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 1-1101-15	Crane	N/A	N/A	Fig 3888U	N/A	Replaced	No
Valve 1-1101-15	Rockwell Edwards	44A1C	N/A	Model D36174	N/A	Replacement	No

7. Description of Work **Replaced check valve and associated pipe spools to improve LLRT performance.**

Tests Conducted: Hydrostatic [X] Pneumatic [] Nominal Operating Pressure []
Other [*X] Pressure 1490 psi Test Temp. 82 °F

9. Remarks *** PT surface exam of welds. VT-2 performed during hydrostatic test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed John W. Boyle for ISI GROUP Date April 22 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 3-29-96 to 5-25-96, 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 the requirements of the ASME Code, Section XI.

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

John W. Boyle
Inspectors Signature

Commissions

IL971

National Board, State, Province, and Endorsements

Date 5-25-19 96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 960033449-02 Program # 96-022

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/29/96**
Sheet **1 of 1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Reactor Recirculation System**

5. (a) Applicable Construction Code **ASME Section I** Edition, **1965** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Weld 02AS-S12	GE	N/A	N/A	1-0202A-28"	N/A	Repaired	No

7. Description of Work: **Performed Non-Code repair by performing weld overlay. Repair performed in accordance with USNRC Generic Letter 88-01 and NUREG 0313 rev 2.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. QA Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **ISI GROUP** Date **MAY 29 19 96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 3-31-96 to 6-14-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **PL 971**
Inspectors Signature Commissions

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960033465-02 Program # 96-023

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/29/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Reactor Recirculation System**

5. (a) Applicable Construction Code **ASME Section I** Edition, **1965** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Ed. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Weld 02AS-F14	GE	N/A	N/A	1-0202A-28"	N/A	Repaired	No

7. Description of Work: **Performed Non-Code repair by performing weld overlay. Repair performed in accordance with USNRC Generic Letter 88-01 and NUREG 0313 rev 2.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 29** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-12-96** to **6-13-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960028667-01 Program # 96-024

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/29/96**
 Sheet **1** of **1**
 Unit **1**

ComEd

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

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

4. Identification of System **Reactor Recirculation System**

5. (a) Applicable Construction Code **ASME Section I** Edition, **1965** Addenda, **None** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Weld 02AS-F2	GE	N/A	N/A	1-0202A-28"	N/A	Repaired	No

7. Description of Work: **Performed Non-Code repair by performing weld overlay. Repair performed in accordance with USNRC Generic Letter 88-01 and NUREG 0313 rev 2.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure **1010** psi Test Temp. **200 °F**

9. Remarks: **Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **FOR THE GROUP** Date **MAY 29** 19 **96**
Owner of 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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-7-96** to **6-10-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **6-10-96** Commissions **IL 971**
Inspector's Signature

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960014066-01 Program #96-026

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/17/96**
 Sheet **1 of 1**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **HPCI**

5. (a) Applicable Construction Code **USAS B31.1.0 / 1967** Edition, **N/A** Addenda, **N/A** Code Case, **None**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Tri Centric Div	92-1924-01Q-01	N/A	1-2301-45	N/A	Replaced	No
Check Valve	C & S Valve Co	90-1239-01Q-02	N/A	1-2301-45	1991	Replacement	No

7. Description of Work: **Replaced check valve by bolting.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure _____ psi Test Temp. _____°F

9. Remarks: **IST Closure Test complete.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] IST GROUP Date MAY 21 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period N/A to 5-22-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IL971
Inspector's Signature National Board, State, Province, and Endorsements
 Date 5-22-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960009645-01 Program# 96-029

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/30/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Residual Heat Removal**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Crane	N/A	N/A	1-1001-29A	N/A	N/A*	No

7. Description of Work: ***Drilled hole in disc to eliminate potential pressure locking and improve reliability per Exempt Change.**

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

9. Remarks: **Post-LLRT performed.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *John F. For...* **ISI GROUP** Date **MAY 30 1996**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 6-24-96 to 6-24-96, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **6-24-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 9500100714-01 Program # 96-031

- Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690
- Date **4/27/96**
Sheet **1** of **2**
Unit **1**
2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242
- ComEd**
Repair Organization P.O. No., Job No., etc.
3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242
- Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**
4. Identification of System **Main Steam**
5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bolting	N/A	N/A	N/A	1-0203-3E	N/A	Replaced	No
Valve Bolting	N/A	N/A	N/A	1-0203-3E	N/A	Replacement	No

7. Description of Work: **1. Replacement of valve and valve bolting material.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☒ Pressure **1010** psi Test Temp. **200 °F**

9. Remarks: **Performed VT-2 during system leakage test. * Performed VT-1 on bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William E. Lee* *ISI GROUP* Date *MAY 18* *19 96*
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **5-17-96** to **5-20-96**, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley
Inspector's Signature

5/20/96
Commissions

IL 971

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 950100714-01 Program# 96-031

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/27/96**
 Sheet **2** of **2**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 1-0203-3E	Dresser Inc	BK-7062	N/A	Model # 1525-VX	N/A	Replaced	No
Valve 1-0203-3E	Dresser Inc	BK-7060	N/A	Model # 1525-VX-3	N/A	Replacement	No

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950091892-01 Program # 96-034

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **4/20/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Core Spray System**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Dresser	TC46091	N/A	1-1402-28A	1979	Replaced	Yes
Relief Valve	Dresser	TH78260	9487911	1-1402-28A	1991	Replacement	Yes

7. Description of Work **Replaced safety relief valve.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X]
Other ☐ Pressure **250** psi Test Temp. **67** °F

9. Remarks *** Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. QA Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** Date **SEPTEMBER 25 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **10-27-96** to **10-30-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **2L971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **10-30-19 96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960007482-02 Program # 96-035

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **6/14/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition **N/A** Addenda **NONE** Code Case **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plug	GE	N/A	N/A	1-1106-A	N/A	Replaced	No
Valve Trigger Assembly	GE	N/A	N/A	1-1106-A	N/A	Replaced	No
Valve Plug	GE	Part # N-38319-01	N/A	1-1106-A	N/A	Replacement	No
Valve Trigger Assembl	GE	Serial # 72	N/A	1-1106-A	N/A	Replacement	No

7. Description of Work: **Replaced Valve plug/trigger after destructive testing.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *X
Other ☐ Pressure **1300** psi Test Temp. **95** °F

9. Remarks **VT-2 performed during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **JUNE 14** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **7-9-96** to **7-9-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **IL971**
Inspectors Signature National Board, State, Province, and Endorsements
Date **7-9-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

Program No. 96-039 WR# 960017959-08

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **8/24/96**
Sheet **1** of **1**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RESIDUAL HEAT REMOVAL**

5. (a) Applicable Construction Code **USAS B31.1.0** Edition, **1967** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LISEGA STRUT	LISEGA	B399D	N/A	39-92-78	N/A	REPLACED	NO
LISEGA STRUT	LISEGA	B399D	N/A	39-93-28	N/A	REPLACED	NO

7. Description of Work **INSTALLED TWO LISEGA STRUTS UNDER ECN 04-01342M-01**

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

Remarks **PERFORMED BASE LINE VISUAL INSPECTION**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **ISI GROUP** Date **Oct 10** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **10-11-96** to **10-11-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**

National Board, State, Province, and Endorsements

Date **10-11-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Progran No. 96-040 WR# 960017959-07

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 8/24/96
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
LISEGA STRUT	LISEGA	B399D	N/A	39-92-78	N/A	REPLACED	NO
LISEGA STRUT	LISEGA	B399D	N/A	39-93-28	N/A	REPLACED	NO

7. Description of Work INSTALLED TWO LISEGA STRUTS UNDER ECN 04-01342M-01

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

9. Remarks PERFORMED BASE LINE VISUAL INSPECTION

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date AUGUST 27 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-11-96 to 10-11-96, 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 the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions IL971

National Board, State, Province, and Endorsements

Date 10-11-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 950083986-01 PROGRAM # 96-042

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 4/30/96
Sheet 1 of 1
Unit 1

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **RHR**

5. (a) Applicable Construction Code USAS B31.1.0 Edition, 1967 Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber Load Pin	N/A	N/A	N/A	N/A	N/A	Replaced	No
Snubber Load Pin	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work **N/A**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

9. Remarks **Other Exams- VT-3/4-1.1 Visual Examination.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date JUNE 24 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-15-96 to 6-25-96, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions 11971
Inspectors Signature National Board, State, Province, and Endorsements
Date 6-25-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 9500100713 Program # 96-043

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 4/27/96
Sheet 1 of 2
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bolting	N/A	N/A	N/A	1-0203-3C	N/A	Replaced	No
Valve Bolting	N/A	N/A	N/A	1-0203-3C	N/A	Replacement	No

7. Description of Work: **1. Replaced valve and valve bolting material.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [*X] Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test. * Performed VT-1 on bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 18 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-1-96** to **5-20-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **5/20/96** Commissions **DL 971**
Inspector's Signature National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 950100713 Program# 96-043

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/27/96**
 Sheet **2** of **2**
 Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
 Authorization No. **N/A**
 Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **5-66** Code Case, **NONE**
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ERV 1-0203-3C	Dresser Inc	BX00293	N/A	Model # 1525-VX	N/A	Replaced	No
ERV 1-0203-3C	Dresser Inc	BK7069	N/A	Model # 1525-VX	N/A	Replacement	No

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 9500100705-01 Program # 96-044

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 4/27/96
Sheet 1 of 2
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **S-66** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bolting	N/A	N/A	N/A	1-0203-3D	N/A	Replaced	No
Valve Bolting	N/A	N/A	N/A	1-0203-3D	N/A	Replacement	No

7. Description of Work: **1. Replacement of valve and valve bolting material.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [*X] Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test. * Performed VT-1 on bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 18 1996**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-8-96** to **5-20-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **5/20/96** Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 950100705-01 Program# 96-044

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 4/27/96
Sheet 2 of 2
Unit 1

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code ASME Section III Edition, 1965 Addenda, S-66 Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ERV 1-203-3D	Dresser Inc	BX00292	N/A	Model # 1525VX-3	N/A	Replaced	No
ERV 1-203-3D	Dresser Inc	BK00293	N/A	Model # 1525VX-3	N/A	Replacement	No

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950083850-01 Program #96-047

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/26/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **CRD**

5. (a) Applicable Construction Code **ASA B31.1 / 1967** Edition, **NONE** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber Load Pin W/Snap ring	PSA	N/A	N/A	M-985D-1123	unknown	Replaced	No
Snubber Load Pin W/Pin Retainer	PSA	N/A	N/A	M-985D-1123	unknown	Replacement	No

Description of Work: **Replaced load pin w/snap ring with load pin w/ pin retainer.**

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

9. Remarks: *** VT-3/4 performed after snubber was reinstalled.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* Date **April 27 1996**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 8-11-95 to 5-11-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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] **5-11-96** Commissions **IL 971**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 930067188 Program # 96-048

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 04/20/96
Sheet 1 of 1
Unit 1

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific Scientific	10724	N/A	N/A	N/A	Replaced	Yes
Hydraulic Snubber	Lisega	61278/92	N/A	N/A	N/A	Replacement	Yes
Clevis Load Pin	N/A	SI# 814C77	N/A	N/A	N/A	Replacement	No

7. Description of Work **Replaced Snubber & Load Pin.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []
Other [X*] Pressure _____ psi Test Temp. _____ °F

9. Remarks * VT-3 and functional testing performed.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* **KOR ISI GROUP** Date **April 20 19 96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 9-11-95 to 6-25-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IL971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **6-25-19 96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930066474-01 Program # 96-049

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date 04/23/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve Disc	Crane	P/N CA-01551	N/A	1-1402-24A	N/A	Replacement	No

7. Description of Work **Replaced valve disc to upgrade valve per Generic Letter 89-10.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 48 psi Test Temp. ambient °F

Remarks *** Performed local leak rate test (LLRT).**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date APRIL 23 1996
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 11-21-95 to 5-4-96, and state that to the best of my knowledge and belief, the owner has performed examination and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 IL971
Inspectors Signature National Board, State, Province, and Endorsements
Date 5-4-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950084809-04 Program #96-050

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/25/96**
Sheet **1** of **2**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Hancock	Model# 7440W	N/A	1-1101-43B	UKN	Replaced	No
Check Valve	Rockwell-Edwards	Fig# 36174	N/A	1-1101-43B	UKN	Replacement	No

Description of Work: **Replaced valve and associated piping and components.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *
Other ☐ Pressure **1300** psi Test Temp. **95** °F

9. Remarks: *** PT Exam and VT-2 completed per Code Case N-416-1.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B, Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** FOR, **ISI GROUP** Date **OCTOBER 10** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-17-96** to **10-11-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **26971**

National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 950084809-04 Program# 96-050

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **4/25/96**
Sheet **2** of **2**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
2710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/N**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe, Elbow, Tee	N/A	N/A	N/A	N/A	N/A	Replaced	No
Pipe, Elbow, Tee	N/A	N/A	N/A	N/A	N/A	Replacement	No

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 930065300-01 Program# 96-051

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/26/96**
Sheet **1** of **2**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Residual Heat Removal**

5. (a) Applicable Construction Code **USAS B31.1.0 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
14" Gate Valve	Crane	CV-06002-9-02	N/A	1-1001-7C	unknown	Replaced	No
14" Gate Valve	QA Products	11021-3-1	N/A	1-1001-7C	unknown	Replacement	No

7. Description of Work: **Replacement of valve , piping, bolting material and coupling using welding.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ X*
Other ☐ Pressure **7.5** psi Test Temp. **60** °F

9. Remarks: *** VT-2 performed during system leakage test. Performed RT and/or MT to meet Code Case N-416-1.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** Date **MAY 22 1996**
Owner or Owner's Designee, Title **ISI GRAP**

CERTIFICATE 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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **1-2-96** to **6-21-96**, 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 the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

National Board, State, Province, and Endorsements

Date

6-21-1996

IL971

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# 930065300-01 Program# 96-051

Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 4/26/96
Sheet 2 of 2
Unit 1

§-02
JUN 6 20 96

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/N
Authorization No. N/A
Expiration Date N/A

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code USAS B31.1.0 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

6. Identification of Components Repaired or Replaced, and Replacement Components Continued

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Ed. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting Material	N/A	N/A	N/A	N/A	N/A	Replacement	No
14" Dia. Pipe	N/A	N/A	N/A	N/A	N/A	Replaced	No
14" Dia. Pipe	N/A	N/A	N/A	N/A	N/A	Replacement	No
1 1/2" Dia. Pipe	N/A	N/A	N/A	N/A	N/A	Replaced	No
1 1/2" Dia. Pipe	N/A	N/A	N/A	N/A	N/A	Replacement	No
1 1/2" 3000# coupling	N/A	N/A	N/A	N/A	N/A	Replaced	No
1 1/2" 3000# coupling	N/A	N/A	N/A	N/A	N/A	Replacement	No

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 950100712-01 Program # 96-052

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/26/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Main Steam**

5. (a) Applicable Construction Code **ASME Section III** Edition **1965** Addenda **S-66** Code Case **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ERV 1-0203-3B	Dresser Inc	BK7070	N/A	Model # 1525-VX-3	N/A	Replaced	No
ERV 1-0203-3B	Dresser Inc	BX00290	N/A	Model # 1525-VX-3	1989	Replacement	No

7. Description of Work: **1. Replaced valve by bolting.**

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [*X] Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **Performed VT-2 during system leakage test. * Performed VT-1 on bolting.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **M. Wojcik FOR, ISI GROUP** Date **MAY 18 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **4-2-96** to **5-20-96**, 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 the requirements of the ASME Code, Section XI.

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

London Bosley 5/20/96 Commissions **IL 971**
Inspector's Signature National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# See Item # 6

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **05/17/96**
Sheet **1** of **4**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Reactor Vessel / Control Rod Drive**

5. (a) Applicable Construction Code **ASME Section III** Edition, **1965** Addenda, **W-65** Code Case, **1361**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
				WR#			
CONTROL ROD DRIVE	GENERAL ELECTRIC	1482	N/A	950085667	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A4232	N/A	950085667	1992	REPLACEMENT	YES

7. Description of Work **Replaced Control Rod Drives and bolts as noted, like for like.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ **[*X]**
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks *** Performed VT-2 during System Leakage Test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William Fox* **ISI GROUP** Date **MAY 17 1996**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-14-95 to 5-25-96, 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 the requirements of the ASME Code, Section XI.

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

Leon Bosley Commissions **IL 971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **5-25-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# See Item # 6

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 05/17/96
Sheet 2 of 4
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Reactor Vessel / Control Rod Drive

5. (a) Applicable Construction Code ASME Section III Edition 1965 Addenda W-65 Code Case 1361

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

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification WR#	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	1925	N/A	950085665	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	8355	N/A	950085665	1979	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1602	N/A	940105998	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	552	N/A	940105998	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	8617	N/A	950085678	1978	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	558A	N/A	950085678	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	7732	N/A	950085680	1980	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A6522	N/A	950085680	1983	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5462	N/A	950085660	1983	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	505	N/A	950085660	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A3221	N/A	950085687	1980	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A3255	N/A	950085687	1980	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	2671	N/A	950085670	1971	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	2058	N/A	950085670	1970	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	6295	N/A	950085664	1974	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A3360	N/A	950085664	1980	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1564	N/A	950085675	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8754	N/A	950085675	1989	REPLACEMENT	YES

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# See Item # 6

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **05/17/96**
Sheet **3** of **4**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Reactor Vessel / Control Rod Drive**

5. (a) Applicable Construction Code ASME Section III Edition, 1965 Addenda, W-65 Code Case, 1361
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

6. Identification of Components Repaired or Replaced, and Replacement Components: **Continued**

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification WR#	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A3220	N/A	950085693	1980	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A2109	N/A	950085693	1980	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1588	N/A	950085694	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	370	N/A	950085694	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1647	N/A	950085663	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	753	N/A	950085663	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	448	N/A	950085672	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A4623	N/A	950085672	1983	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1322	N/A	950085682	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5159	N/A	950085682	1984	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	516	N/A	950085683	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	571	N/A	950085683	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9132	N/A	950085671	1991	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9013	N/A	950085671	1992	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	139	N/A	950085684	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9021	N/A	950085684	1992	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A4550	N/A	950085696	1982	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	324	N/A	950085696	1968	REPLACEMENT	YES

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT (SUPPLEMENT)

As Required by the Provisions of ASME Code Section XI

WR# See Item # 6

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 05/17/96
Sheet 4 of 4
Unit 1

Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Reactor Vessel / Control Rod Drive

5. (a) Applicable Construction Code ASME Section III Edition, 1965 Addenda, W-65 Code Case, 1361

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

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification WR#	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	1565	N/A	950085685	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5482	N/A	950085685	1983	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	354	N/A	950085695	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1858	N/A	950085695	1970	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	910	N/A	950085690	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A3343	N/A	950085690	1980	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	595	N/A	950085686	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1867	N/A	950085686	1970	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1934	N/A	950085681	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	671	N/A	950085681	1968	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1966	N/A	950085676	1970	REPLACE D	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1836	N/A	950085676	1970	REPLACEMENT	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	2042	N/A	950085673	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	2063	N/A	950085673	1970	REPLACEMENT	YES
CONTROL ROD DRIVE BOLT	N/A	N/A	N/A	950085660 SI# 772C66	N/A	REPLACEMENT	NO
CONTROL ROD DRIVE BOLT	N/A	N/A	N/A	950085665 SI#772C66	N/A	REPLACEMENT	NO

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 940104058-01 Program #96-079

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/17/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **1B RECIRC SYSTEM**

5. (a) Applicable Construction Code **USAS B31.1.0\1967** Edition, **1965** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bonnet studs and nuts	N/A	N/A	N/A	1-0202-5B	N/A	Replaced	No
Bonnet studs and nuts	N/A	N/A	N/A	1-0202-5B	N/A	Replacement	No

7. Description of Work: **Replaced valve bonnet studs and nuts**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure ☐ psi Test Temp. ☐ °F

9. Remarks: **No pressure testing required per Code Inquiry IN 95-21 / VT-1 Performed**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI GROUP** Date **MAY 17 19 96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **6-10-96** to **6-10-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 **IL971**
Inspector Signature National Board, State, Province, and Endorsements

Date **6-10-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 940102523-01 Program #96-080

Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

Date 5/17/96
Sheet 1 of 1
Unit 1

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System 1A RECIRC SYSTEM

5. (a) Applicable Construction Code USAS B31.1.0\1967 Edition, 1965 Addenda, None Code Case, None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989,

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bonnet studs and nuts	N/A	N/A	N/A	1-0202-5A	N/A	Replaced	No
Bonnet studs and nuts	N/A	N/A	N/A	1-0202-5A	N/A	Replacement	No

7. Description of Work: Replaced valve bonnet studs and nuts.

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. ____°F

9. Remarks: No pressure testing required per Code Inquiry IN 95-21 / VT-1 Performed.

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date MAY 17 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 6-24-96 to 6-24-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-24-96 19 96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 930066476 Program #96-081

Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **4/27/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Core Spray**

5. (a) Applicable Construction Code **ASA B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Wedge	Crane	N/A	N/A	1-1402-24A	unknown	Replaced	No
Valve Wedge	Crane	N/A	N/A	1-1402-24A	unknown	Replacement	No

7. Description of Work: **Drilled 3/16" dia. hole in wedge to improve reliability.**

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

9. Remarks: ***LLRT performed**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *Mark for JSC GROUP* Date **APRIL 27 1996**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 11-22-95 to 5-11-96, 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 the requirements of the ASME Code, Section XI.

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

John C. Wesley Commissions **DL971**
Inspectors Signature National Board, State, Province, and Endorsements

Date **5-11-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

Program No. 96-103 WR# 960045421-01

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/16/96**
Sheet **1** of **2**
Unit **1**

Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **REACTOR VESSEL LOW POWER RANGE MONITOR**

5. (a) Applicable Construction Code **ASME SECTION III** Edition, **1965** Addenda, **NONE** Code Case, **NONE**

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FLANGE BOLTING	G.E.	N/A	N/A	24-33	N/A	REPLACED	NO
FLANGE BOLTING	G.E.	N/A	N/A	24-33	N/A	REPLACEMENT	NO

7. Description of Work **REPLACED FLANGE BOLTING FOR GOOD MAINTENANCE PRACTICE**

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

9. Remarks **PERFORMED VISUAL INSPECTION ON ALL BOLTING. NO PRESSURE TESTING REQUIRED PER CODE INQUIRY IN 95-21**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William E. For* **ISI GROUP** Date **SEPTEMBER 24** 19 **96**

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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 11-6-96 to 11-6-96, 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 the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions **IL971**

National Board, State, Province, and Endorsements

Date **11-6-** 19 **96**

As Required by the Provisions of ASME Code Section XI

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date 9/16/96
Sheet 2 of 2
Unit 1

Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp	N/N
Authorization No.	<u>N/A</u>
Expiration Date	<u>N/A</u>

4. Identification of System REACTOR VESSEL LOW POWER RANGE MONITOR

5. (a) Applicable Construction Code ASME SECTION III Edition, 1965 Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

6. Identification of Components Repaired or Replaced, and Replacement Components Continued

[illegible]

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960027787-01 Program #96-020

107

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **5/20/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RECIRCULATION SYSTEM**

5. (a) Applicable Construction Code **ASME SECTION I**, Edition, **1965** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Threaded Caps	N/A	N/A	N/A	1-0204B-2"	N/A	Replaced	No
Welded Caps	N/A	N/A	N/A	1-0204B-2"	N/A	Replacement	No
Threaded Caps	N/A	N/A	N/A	1-0204A-2"	N/A	Replaced	No
Welded Caps	N/A	N/A	N/A	1-0204A-2"	N/A	Replacement	No

Description of Work: **Replaced threaded caps with socket welded caps.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1010** psi Test Temp. **200** °F

9. Remarks: **VT-2 PERFORMED DURING SYSTEM LEAKAGE TEST PER CODE CASE N-416-1**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISE GROUP** Date **MAY 20** 19 **96**
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **5-21-96** to **5-23-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **5-23-1996**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

PROGRAM # 96-112 / WR # 960057700-01

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690
Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **6/25/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **HPCI**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	M-984D-588	N/A	Replacement	No

7. Description of Work: **Installed Pipe Support (New Installation) on pump discharge piping 1-2304-14".**

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

Remarks **Other Exams- VT-3/4 on new support.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William J. For...* *ISI GROUP* Date *July 15* *1996*
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 6-13-96 to 7-15-96, 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 the requirements of the ASME Code, Section XI.

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

Stephen Boole Commissions *IL971*
Inspectors Signature National Board, State, Province, and Endorsements
Date *7-15-1996*

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

WR# 960033573

96-115

1. Owner Commonwealth Edison
72 W. Adams, Chicago, IL 60690

Date 6-22-96
Sheet 1 of 1
Unit 1

2. Plant Quad Cities Nuclear Power Station
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by Quad Cities Nuclear Station
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System A RECIRC SUCTION PIPE DRAIN LINE

5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, NONE Code Case, NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
WELD 0204A-F2	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
WELD 0204A-F2R	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO

7. Description of Work REMOVED DRAIN LINE AS AN INTERFERENCE AND REPLACED

Tests Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [] Pressure 1010 psi Test Temp. 200 °F

9. Remarks Other Exams-NDT-D-2-F1 (LIQUID PENETRANT). USED CODE CASE N-416-1

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. Q A Program

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI GROUP Date JUNE 24 19 96
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 6-25-96 to 6-25-96, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 DL 971
Inspectors Signature National Board, State, Province, and Endorsements
Date 6-25-1996

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# ~~95008544-01~~ Program # 96-146

95008544-01

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

Date **11/7/96**
Sheet **1** of **1**
Unit **1**

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **Standby Liquid Control**

5. (a) Applicable Construction Code **USAS B31.1** Edition, **1967** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Hancock	7440W	N/A	1-1101-43A	N/A	Replaced	No
Check Valve	Edwards Univalve	06AIK	N/A	1-1101-43A	N/A	Replacement	No

7. Description of Work: **1. Replaced valve and associated piping.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **1260** psi Test Temp. **86** °F

9. Remarks: **Performed VT-2 during system leakage test.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William E. For...* **ISI GROUP** Date **NOVEMBER 8** 19 **96**
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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 8-5-96 to 11-8-96, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley
Inspector Signature

Commissions **IL 971**
National Board, State, Province, and Endorsements

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

✓ 10 10 96

Program No. 96-156 WR# 920034449-01

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/28/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **RESIDUAL HEAT REMOVAL**

5. (a) Applicable Construction Code **USAS B31.1 / 1967** Edition, **N/A** Addenda, **NONE** Code Case, **NONE**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SUPPORT	N/A	N/A	N/A	1010-W-205	N/A	REPLACEMENT	NO

7. Description of Work **SUPPORT WAS MODIFIED UNDER ECN 04-01294M**

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

9. Remarks **PERFORMED VT-3 INSPECTION ON THE SUPPORT**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed **[Signature]** **ISI** **GILGAP** Date **OCTOBER 10** 1996
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 **Hartford Steam Boiler Inspection & Insurance Co.** of **Hartford, CT** have inspected the components described in this Owner's Report during the period **10-11-96** to **10-15-96**, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **10-15-** 19 **96**

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 920059978-01 Program #96-158

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **9/30/96**
Sheet **1** of **1**
Unit **1**

2. Location **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **High Pressure Coolant Injection**

5. (a) Applicable Construction Code **USAS B31.1.0** Edition, **1967** Addenda, **None** Code Case, **None**

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HPCI STOP VALVE	Atwood-Morril	N/A	N/A	1-2317	N/A	Repaired	No

7. Description of Work: **Replaced cylinder, cover, key assembly and seat ring.**

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure **921** psi Test Temp. **356** °F

Remarks: **VT-2 PERFORMED DURING SYSTEM LEAKAGE TEST PER CODE CASE N-416-1**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *[Signature]* FOR *ISE GROUP* Date *OCTOBER 11* 19 *96*
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 *Hartford Steam Boiler Inspection & Insurance Co.* of *Hartford, CT* have inspected the components described in this Owner's Report during the period *4-25-94* to *10-11-96*, 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 the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 971*

National Board, State, Province, and Endorsements

10-11-96

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

WR# 960050550-01 Program #96-178

1. Owner **Commonwealth Edison**
72 W. Adams, Chicago, IL 60690

Date **11/5/96**
Sheet **1** of **1**
Unit **1**

2. Plant **Quad Cities Nuclear Power Station**
22710 206th Ave. North, Cordova, IL 61242

ComEd

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

3. Work Performed by **Quad Cities Nuclear Station**
22710 206th Ave. North, Cordova, IL 61242

Type Code Symbol Stamp **N/A**
Authorization No. **N/A**
Expiration Date **N/A**

4. Identification of System **REACTOR VESSEL LOW POWER RANGE MONITOR**

5. (a) Applicable Construction Code **ASME SECTION III** Edition, **1965** Addenda, **None** Code Case, **None**
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- **1989**

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FLANGE BOLTING	G.E.	N/A	N/A	32-33	N/A	REPLACED	No
FLANGE BOLTING	G.E.	N/A	N/A	32-33	N/A	REPLACEMENT	No

7. Description of Work: **REPLACED FLANGE BOLTING FOR GOOD MAINTENANCE PRACTICE.**

Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

9. Remarks: **PERFORMED VT-3 ON ALL BOLTING. NO PRESSURE TESTING REQUIRED PER CODE INQUIRY IN 95-21.**

CERTIFICATE OF COMPLIANCE

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

Type of Code Symbol Stamp **N/A - ComEd 10CFR50 App B. Q A Program**

Certificate of Authorization No. **N/A** Expiration Date **N/A**

Signed *William K. For...* **ISI GROUP** Date **NOVEMBER 6 1996**
Inspector 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 Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10-30-96 to 11-6-96, 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 the requirements of the ASME Code, Section XI.

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

Gordon Bosley Commissions **IL 971**
Inspector's Signature National Board, State, Province, and Endorsements

Date **11-6-** 19 **96**

Quad Cities Nuclear Power Station Support Engineering Group

Response to NTS # 254-100-96-00404

Subject: NRC Resident Report 96-004 - Inspector follow-up item for ISI testing of Recirculation piping

The following summary was discussed with Mr. Gene Carpenter, Mr. Bill Koo and Mr. Bob Pulsifer of NRC/NRR on 8/13/96. ComEd was represented by Hien Do, Nick Chrissotimos and Thomas Wojcik.

Summary

The purpose of the teleconference was to update NRC on the status of the root cause evaluation related to the apparent ineffectiveness of induction heat stress improvement (IHSI) to control intergranular stress corrosion cracking (IGSCC) in recirculation system piping at Quad Cities Station Unit 1. There were eight (8) weldments with IGSCC indications identified during Q1R14 which had previously been IHSI stress improved.

The *probable cause* was that the IHSI treatment was not optimum. The IHSI records for the suspect weldments were reviewed. It was determined that three (3) weldments were IHSI treated with short coils due to field interferences (not optimum) and three (3) weldments had heat transfer calculations performed to accept the IHSI treatment (not optimum). However, two (2) of the weldments in fact had received an IHSI treatment that met all EPRI criteria. Note that one of these two flawed welds only contained one (1) short and shallow axial flaw.

ComEd is concerned with the number of IHSI welds found flawed during Q1R14 refuel outage and is currently working with the industry Ad Hoc committee sponsored by EPRI and BWROG to assess the long term effects of the issue. A meeting was held on 8/29/96 to develop an industry position on long term effects of IHSI as a mitigation for IGSCC. Additional data on field experience of smaller diameter IHSI welds must be obtained and evaluated in order to complete the industry position. ComEd will continue to work actively with the industry committee to determine the root cause and long term effects of the issue.

Background

During the Spring 1996 refueling outage at Quad Cities Unit 1 (Q1R14), augmented ultrasonic examinations per Generic Letter 88-01 on austenitic stainless steel piping detected IGSCC indications in eight (8) welds on the recirculation system. These indications were only detected in 28" diameter recirculation welds that had been stress improved by the Induction Heating Stress Improvement (IHSI). Consequently, all IGSCC susceptible austenitic stainless steel welds that have been stress improved in Unit 1, either by IHSI or Mechanical Stress Improvement Process (MSIP), were ultrasonically tested (UT) due to the discovery of these IGSCC indications. These examinations were performed using techniques and inspectors qualified by the Electric Power Research Institute Nondestructive Center (EPRI NDE Center). Because the number of welds with IGSCC detected during the Q1R14 refueling outage was unexpectedly higher than past examination results experienced in this unit, a team was assembled to investigate the significance of these examination results.

Quad Cities Nuclear Power Station Support Engineering Group

The team had the following objectives.

1. Address the potential safety and reliability issue of piping welds that had been treated with IHSI.
2. Assess the implications for future IGSCC repairs costs.

The team participants were: C. Conner (QCNPS), G. DeBoo (DG), G. Gerzen (DG), R. Scott (DG), B. Wilson (SMAD), H. Do (DG), A. Gianuzzi (Consultant-SIA). Support to the team activities were provided by J. Abel (DG), J. Blomgren (DG), and R. Gaitonde (SMAD).

The investigation encompassed review of the following areas.

- ♦ Effect of IHSI on pipe material properties.
- ♦ Effect of IHSI on IGSCC growth.
- ♦ IHSI treatment records.
- ♦ Effect of post IHSI loadings.
- ♦ Past UT data dated back to at least 1987.
- ♦ Effect of decontamination processes on IGSCC initiation/growth and UT results.
- ♦ Industry plant experience.

The team concluded that these IGSCC indications do not present significant safety and reliability concerns for the following reasons.

- ♦ Other austenitic stainless steel welds in Unit 1 that are susceptible to IGSCC were UT examined and no IGSCC indications were detected.
- ♦ Examinations were conducted using techniques that meet or exceed accepted industry standards.
- ♦ The Induction Heat Stress Improvement (IHSI) has no detrimental effect on the metallurgical and physical properties of stainless steel piping.
- ♦ The decontamination processes used have no detrimental effect on the stainless steel piping.
- ♦ Five (5) of eight (8) welds with IGSCC indications were repaired by weld overlays that meet ASME design requirements. Weld overlay repairs used materials that are resistant to IGSCC initiation and propagation.
- ♦ The remaining three (3) welds with IGSCC indications were evaluated using approved procedures and conservative crack growth. These analyses showed that these indications would remain within the allowable limits for at least two additional 24-month operating cycles.
- ♦ The cracking experience and corrective measures taken are consistent with experience at other BWR units.

Quad Cities Nuclear Power Station Support Engineering Group

The probable cause of IGSCC detected in these eight (8) IHSI welds were:

- ♦ Imperfect or minimal IHSI treatment that resulted in the reduced effectiveness of the treatment in providing the desired through wall residual stress distribution. It should be noted that an imperfect or minimal IHSI treatment would have no detrimental effects on the weld.
- ♦ It should be observed that during past examinations of these IHSI welds there were several areas with identified indications evaluated as geometry. These geometric reflectors in some cases correlate to subsequent flaws identified during Q1R14.