

Exelon Generation Company, LLC
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, IL 61242-9740

www.exeloncorp.com

10 CFR 50.55a

SVP-09-045

August 21, 2009

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

Quad Cities Nuclear Power Station Unit 1
Renewed Facility Operating License No. DPR-29
NRC Docket No. 50-254


Subject: Unit 1 Post Outage Inservice Inspection (ISI) Summary Report

Enclosed is the Quad Cities Nuclear Power Station Unit 1 Post-Outage Summary Report for Inservice Inspection examinations and Repair/Replacement activities conducted from the end of the May 2007 refueling outage through the May 2009 refueling outage. This report is due within 90 days after the end of the Unit 1 May 2009 refueling outage, which is August 22, 2009. This report documents examinations performed during the second period of the fourth inspection interval.

This report is submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, "Requirements."

If there are any questions or comments concerning this letter, please refer them to Mr. Wally Beck, Regulatory Assurance Manager, at (309) 227-2800.

Sincerely,



Timothy J. Tulon
Site Vice President
Quad Cities Nuclear Power Station

Attachment: Quad Cities Nuclear Power Station - Unit 1
Post Outage (90 day) Summary Report

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station

A047
NRR

ATTACHMENT

Quad Cities Nuclear Power Station-Unit 1 Post Outage (90 day) Summary Report

Quad Cities Nuclear Power Station - Unit 1 Post Outage (90 Day) Summary Report

Refueling Outage Q1R20
Outage Start Date: April 27, 2009
Outage End Date: May 24, 2009

Commercial Service Date: February 18, 1973
22710 206th Avenue North,
Cordova, IL 61242

Exelon Generation Company, L.L.C.
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1.0 Introduction

1.1. Outage, Period and Interval Start and End Dates

This Inservice Inspection Summary Report encompasses examinations and repairs performed from May 24, 2007 through May 24, 2009 during the fourth ten-year interval second inspection period. This most recent refueling outage was the 20th refueling outage for Quad Cities Nuclear Power Station Unit 1 and is the second outage for this unit during the second inspection period. The outage started April 27, 2009 and was completed May 24, 2009 when the unit returned to service.

Tests, examinations, and repair/replacement activities associated with American Society of Mechanical Engineers (ASME) Code, Section XI were witnessed or otherwise verified by the Authorized Nuclear Inservice Inspectors. Non-ASME Section XI or augmented examinations were not witnessed or otherwise verified by the Authorized Nuclear Inservice Inspectors and are marked "Not Required" or "N/A" on the applicable examination reports. The Authorized Nuclear Inservice Inspectors are inspectors of the Hartford Steam Boiler Inspection & Insurance Company of Connecticut (HSB-CT). The HSB-CT 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 Plant Components", 1995 Edition through 1996 Addenda were implemented for Class 1, 2 and 3 components except where written relief has been granted by the NRC. Written relief, in the form of Relief Request I4R-02 approving Risk Informed Inservice Inspection (RI-ISI) as an inspection program alternative for Code Categories B-F, B-J, C-F-1 and C-F-2, was utilized during Q1R20. The ultrasonic examination volumes for RI-ISI components were increased from the Section XI requirements to meet the RI-ISI Program.

The ultrasonic examination requirements of ASME Boiler and Pressure Vessel Code, Section XI, Appendix VIII, 1995 Edition with Addenda through 1996, as required by 10 CFR 50.55a, "Codes and Standards", and amended by the Federal Register Notice 64 FR 51370 dated September 22, 1999 is executed through the Performance Demonstration Initiative (PDI) Program according to the schedule defined in 10 CFR 50.55a(g)(6)(ii)(C), for wrought austenitic piping welds, ferritic piping welds, bolts/studs, reactor vessel welds, nozzle to vessel welds, nozzle inside radius sections and full structural overlaid wrought austenitic piping welds.

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Commercial Service Date March 10, 1973

Quad Cities Nuclear Power Station
Unit 1
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2.0 NIS-1 Form

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

1. Owner Exelon Generation Company, L.L.C., 300 Exelon Way, Kennett Square, PA 19348
(Name and Address of Owner)
2. Plant Quad Cities Nuclear Power Station, 22710 206th Avenue North, Cordova, IL 61242
(Name and Address of Plant)
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	Chicago Bridge & Iron	T-22	B0075000	N/A
Reactor Recirculation	Dravo Corp.	N/A - See Table 3.1-1	N/A	N/A
Core Spray	Grinnell	N/A - See Table 3.1-1	N/A	N/A
Feedwater	Grinnell	N/A - See Table 3.1-1	N/A	N/A
Main Steam	Grinnell	N/A - See Table 3.1-1	N/A	N/A
Residual Heat Removal	Grinnell	N/A - See Table 3.1-1	N/A	N/A
Control Rod Drive	Grinnell	N/A - See Table 3.1-1	N/A	N/A
High Pressure Coolant Injection	Grinnell	N/A - See Table 3.1-1	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11½ in., (2) information in items 1 through 6 on this report is included on each sheet unless they are coded N/A, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-1 (Back)

8. Examination Dates: 5/24/07 to 5/24/09

9. Inspection Period
Identification: 2nd Period – From 4/19/06 to 3/9/10 for the 4th Interval

10. Inspection Interval Identification: 4th Interval – From 3/10/03 to 3/9/13

11. Applicable Edition of Section XI 1995 Addenda 1996

12. Date/Revision of Inspection Plan: 6/16/08 Revision 5 (4th Interval)

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 3.0 and Tables 3.1-1, 3.1-1A, 3.1-2, 3.1-3, 3.1-4, 3.2-1, and 3.3.

14. Abstract of Results of Examinations and Tests. See Section 3.0 and Tables 3.1-1 3.1-1A, 3.1-2, 3.1-3, 3.1-4, 3.2-1, and 3.3

15. Abstract of Corrective Measures. See Section 3.0 and Table 3.1-4.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the 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 August 7 20 09 Signed Exelon Corporation By [Signature]
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the under signed, 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 of Connecticut of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 5/24/07 To 5/24/09, 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.

Jeff Ameyder Commissions 12 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date August 13 20 09

3.0 Abstract of Examinations, Conditions Noted and Corrective Measures

3.1 Section XI Examinations Summary

A combination of ultrasonic (UT), liquid penetrant (PT), magnetic particle (MT) and visual (VT) testing were performed prior to and during the 20th refueling outage on ISI Program components. Examinations were performed by General Electric (GE) and Exelon Nuclear personnel. Volumetric and surface examinations were compared with the recorded results of previous examinations for applicable Class 1, 2 and RI-ISI components. ISI inspections comprised of 47 volumetric (19 were RI-ISI, Category R-A welds), 1 surface examinations and 37 visual examinations were performed on Class 1, 2 and RI-ISI components. Four of the visual exams were subsequent exams due to IWF-2200(b) for corrective action from the First Period. One of the subsequent visual examinations found an additional relevant condition and requires re-examination during the Third Period following the completed corrective action in accordance with IWF-2200(b). There were no volumetric examinations that did not meet coverage requirements of ASME Section XI Code (i.e. greater than 90 percent of the specified examination volume) during Q1R20. Code cases used for ISI or Repair/Replacement activities are listed in the ISI Program Plan.

Pressure testing VT-2 examinations not related to repair/replacement activities are documented in Table 3.1-2, "Quad Cities Unit 1 Pressure Testing Summary". The Class 1 Vessel Leakage Test and the Reactor Vessel Head Flange Seal Leak Detection System Test and Partial Class 2 system leakage tests were performed on outage test blocks with the balance of the accessible systems to be tested by the end of the period. The above tests were performed in accordance with the 1995 Edition 1996 Addenda of the ASME Code for the second period of the fourth Interval.

Containment inspections were completed for Unit 1 for the beginning of the 10-year interval in accordance with 2001 Edition through the 2003 Addenda of ASME Section XI Subsection IWE. All accessible surfaces were examined. Corrective actions were required for the X-01 Equipment Hatch Moisture Barrier (IR 914413, Work Order 01232144). No other service induced indications required additional evaluation or corrective action.

Exelon personnel performed functional tests on a total of twenty-five (25) snubbers for operability per the Service Life Monitoring/Failure Trending Sample and ASME OM Code Subsection ISTD. Thirteen snubbers were selected for the 10% sample group testing with the remaining twelve (12) being tested for Service Life Monitoring. Sixteen (16) of the twenty-five (25) snubbers were ASME Section XI Code designated. Of the twenty-five (25) snubbers tested, one (1) snubber tested for Service Life Monitoring was found unacceptable for continued operation. The failure was reviewed and no sample expansions were required. In addition, two (2) snubbers tested for Service Life Monitoring were found to be acceptable, but degraded. These snubbers were replaced with like-for-like units. Snubber testing activities are summarized in Table 3.1-3, "Quad Cities Unit 1 Snubber Functional Tests."

Table 3.1-4 "Quad Cities Unit 1 Conditions Noted on ASME Code Components and Corrective Actions" summarizes the conditions noted during the examinations and corrective measures taken prior to returning the unit to service.

Table 3.3 identifies number and percentage of examinations completed in the fourth interval.

3.2. BWRVIP-75-A/Generic Letter 88-01

Augmented examinations required by Generic Letter 88-01, "NRC Position on Intergranular Stress Corrosion Cracking (IGSCC) in BWR Austenitic Stainless Steel Piping" and BWRVIP-75-A, "BWR Vessel and Internals Project Technical Bases for Revisions to Generic Letter 88-01 Inspection Schedules", were implemented in the this outage (Table 3.2-1). Fifteen Category C Welds (susceptible to IGSCC but mitigated by stress improvement) were examined. Twelve of the Category C welds can be credited towards ASME Section XI examination percentages. Two Category D (IGSCC susceptible welds) were re-examined within 3 cycles of their previous examination utilizing normal water chemistry frequency requirements. Four Category E Welds (cracked weldments that have been mitigated by a weld overlay) were examined. All welds had no relevant indications. This is consistent with previous examination results.

3.3. In-Vessel Visual Inspections (IVVI)

Ten of the 20 jet pump riser brace welded attachments to the RPV were inspected to satisfy ASME Code Section XI requirements for Category B-N-2 Item B13.20 and Boiling Water Reactor Vessel Internals Program (BWRVIP) requirements. The riser brace inspections are credited in accordance with Relief Request I4R-15, even though the inspection method (VT-1) is the same as required by Section XI.

Augmented examinations were performed to implement additional BWRVIP requirements in accordance with the guidelines listed:

- Visual inspections of Jet Pump Assemblies in accordance with BWRVIP-41-A
- Visual inspections of Core Spray Internal Piping BWRVIP-18-A
- UT inspections of Core Shroud Vertical welds in accordance with BWRVIP-76
- Visual inspections of the top guide in accordance with BWRVIP-26-A and BWRVIP-183
- PT examination of the Standby Liquid Control nozzle in accordance with BWRVIP-27-A
- Visual inspections of the Steam Dryer in accordance with GE recommendations and guidance provided in BWRVIP-139

All eight Feedwater Sparger End Bracket pins were inspected during Q1R20 as a follow-up to minor bracket wear from the pins identified during previous outages. The pinheads are wearing into the bracket hardware due to flow-induced vibration. This is not a concern for

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the immediate future since the worst worn bracket still has greater than 90% of its original thickness remaining. Quad Cities will continue to monitor this condition.

Previous indications in three Core Spray piping welds were measured visually. The flaw lengths were consistent with previous measurements. The indications were evaluated in accordance with BWRVIP-18-A and the Core Spray Line and Core Spray Sparger Flaw Evaluation Handbook (GENE-0000-0001-4070-01-R1). The indications are structurally acceptable for at least two cycles. Leakage is bounded by the current Loss Of Coolant Accident (LOCA) analysis.

Table 3.1-1

Quad Cities Unit 1 ASME Section XI Outage Summary (4 th Interval)						
Report Number	Component	Class	Category	Item	Inspection	Results
VT2-106	N10 IRS	1	B-D	B3.100	VT-2 Relief I4R-01	Acceptable
Q1R20-060	N10 Nozzle	1	B-D	B3.90	UT	NRI
Q1R20-062	1-203-3A	1	B-G-2	B7.70	VT-1	NRI
Q1R20-063	1-203-3C	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-065	1-203-3D	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-067	1-203-4C	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-069	1-203-4D	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-071	1-203-4G	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-073	1-203-4H	1	B-G-2	B7.70	VT-1	Acceptable
Q1R20-064	1-203-ASB-3C	1	B-G-2	B7.50	VT-1	NRI
Q1R20-066	1-203-ASB-3D	1	B-G-2	B7.50	VT-1	NRI
Q1R20-068	1-203-ASB-4C	1	B-G-2	B7.50	VT-1	NRI
Q1R20-070	1-203-ASB-4D	1	B-G-2	B7.50	VT-1	NRI
Q1R20-072	1-203-ASB-4G	1	B-G-2	B7.50	VT-1	NRI
Q1R20-074	1-203-ASB-4H	1	B-G-2	B7.50	VT-1	NRI
NDE-691	1-0203-1B	1	B-G-2	B7.70	VT-1	NRI
Q1R20-021	0200-W-127A	1	B-K	B10.30	SURF	Acceptable
NDE-691	1-0203-1B	1	B-M-2	B12.50	VT-3	NRI
	RPV INTERIOR	1	B-N-1	B13.10	Relief I4R-15	Acceptable
	RPV INTERNALS	1	B-N-2	B13.20	Relief I4R-15	Acceptable
VT2-084	1025-49	2	C-B	C2.33	VT-2	NRI
VT2-084	1025-53	2	C-B	C2.33	VT-2	NRI
VT2-084	1025-57	2	C-B	C2.33	VT-2	NRI
VT2-084	1025-61	2	C-B	C2.33	VT-2	NRI
VT2-008	N6A RHRHX NOZ	2	C-B	C2.33	VT-2	NRI
VT2-008	N8A RHRHX NOZ	2	C-B	C2.33	VT-2	NRI
VT2-106	0209A-F1	1	R-A	R1.20	VT-2	NRI
VT2-106	0209A-F15	1	R-A	R1.20	VT-2	NRI
VT2-106	0209A-F9	1	R-A	R1.20	VT-2	NRI
VT2-106	0209B-F11	1	R-A	R1.20	VT-2	NRI
VT2-106	0209B-F14	1	R-A	R1.20	VT-2	NRI
VT2-106	0209B-F7	1	R-A	R1.20	VT-2	NRI
Q1R20-046	02H-F1	1	R-A	R1.20	UT-E	Acceptable
Q1R20-048	02J-F1	1	R-A	R1.20	UT-E	Acceptable
Q1R20-050	02K-F1	1	R-A	R1.20	UT-E	Acceptable
Q1R20-051	02L-F1	1	R-A	R1.20	UT-E	Acceptable
Q1R20-006	1006B-4	2	R-A	R1.13	UT	Acceptable
Q1R20-012	1006C-2	2	R-A	R1.13	UT	Acceptable
Q1R20-011	1006D-2	2	R-A	R1.13	UT	Acceptable
Q1R20-007	1008A-4	2	R-A	R1.11	UT-E	NRI
Q1R20-008	1008A-8	2	R-A	R1.11	UT-E	Acceptable

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Table 3.1-1 (continued)

Quad Cities Unit 1 ASME Section XI Outage Scope (4th Interval)						
Report Number	Component	Class	Category	Item	Inspection	Results
Q1R20-009	1008A-9	2	R-A	R1.11	UT-E	NRI
Q1R20-013	1012B-8	2	R-A	R1.11	UT-E	NRI
Q1R20-010	1018A-2	2	R-A	R1.20	UT-E	NRI
Q1R20-029	10AD-F9	1	R-A	R1.11	UT-E	NRI
Q1R20-020	10AD-S10	1	R-A	R1.11	UT-E	NRI
Q1R20-030	10AD-S6	1	R-A	R1.11	UT-E	NRI
Q1R20-042	10AD-S7	1	R-A	R1.11	UT-E	NRI
Q1R20-031	10AD-S8	1	R-A	R1.11	UT-E	Acceptable
Q1R20-032	10BD-S12	1	R-A	R1.11	UT-E	NRI
Q1R20-033	10BD-S7	1	R-A	R1.11	UT-E	NRI
VT2-106	1265-F17	1	R-A	R1.20	VT-2	NRI
VT2-106	1265-F22	1	R-A	R1.20	VT-2	NRI
Q1R20-076	14A-F1	1	R-A	R1.11	UT-E	Acceptable
Q1R20-077	14A-F3R	1	R-A	R1.11	UT-E	Acceptable
Q1R20-078	14A-F4ER	1	R-A	R1.11	UT-E	Acceptable
Q1R20-079	14B-F1	1	R-A	R1.11	UT-E	Acceptable
Q1R20-081	14B-F4R	1	R-A	R1.11	UT-E	Acceptable
Q1R20-004	2306-6	2	R-A	R1.11	UT-E	NRI
Q1R20-005	2306-7	2	R-A	R1.11	UT-E	Acceptable
Q1R20-001	2325-10	2	R-A	R1.20	UT-E	Acceptable
Q1R20-002	2325-11	2	R-A	R1.20	UT-E	Acceptable
Q1R20-003	2325-9	2	R-A	R1.20	UT-E	NRI
Q1R20-037	30B-F27	1	R-A	R1.20	UT-E	NRI
Q1R20-054	30B-S10	1	R-A	R1.20	UT-E	NRI
Q1R20-055	30C-S10	1	R-A	R1.20	UT-E	NRI
Q1R20-038	30C-S24	1	R-A	R1.20	UT-E	NRI
Q1R20-043	30D-S33	1	R-A	R1.20	UT-E	NRI
Q1R20-044	30D-S35	1	R-A	R1.20	UT-E	NRI
Q1R20-034	1202-M-103	1	F-A	F1.10	VT-3	NRI
Q1R20-052	1202-M-105	1	F-A	F1.10	VT-3	NRI
Q1R20-053	1202-W-107	1	F-A	F1.10	VT-3	NRI
Q1R20-058	3204F-W-102	1	F-A	F1.10	VT-3	Acceptable
Q1R20-039	0200-W-127 A&B	1	F-A	F1.40	VT-3	NRI
Q1R20-040	0200-M-110	1	F-A	F1.40	VT-3	NRI
Q1R20-041	0200-M-111	1	F-A	F1.40	VT-3	NRI

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Table 3.1-1A

Follow Up Exams in Accordance with IWF-2200(b) (4th Interval)						
Report Number	Component	Class	Category	Item	Inspection	Results
Q1R20-056	3204C-W-101 A&B	I	F-A	F1.10	VT-3	Acceptable ¹
Q1R20-057	3204E-W-101 A&B	I	F-A	F1.10	VT-3	NRI
Q1R20-014	1009B-W-211	I	F-A	F1.20	VT-3	Acceptable
Q1R20-045	0263-M-101	I	F-A	F1.40	VT-3	NRI

¹Note: Component had similar indication and was corrected. Component has been scheduled for follow up exam in 3rd Period.

Table 3.1-2
Quad Cities Unit 1
Pressure Testing Summary (4th Interval)
Second Period

Component	Inspection	Category	Item Number	Work Order	Relief Request	Remarks
RX, Class 1	Visual, VT-2	B-P	B15.10, 15.50, 15.60, 15.70	01080044-02	I4R-07	Class 1 System Leakage Test and associated on line inaccessible class 2 piping
N10 IRS	Visual, VT-2	B-D	B3.100	01080044-02	I4R-01	Class 1 System leakage Test
Line 1-0236-1" and 1-0234-1"	Visual, VT-2	C-H	C7.30, C7.70	01079855-01	I4R-05	Reactor Vessel Head Flange Seal Leak Detection System
CRD	Visual, VT-2	C-H	C7.30, C7.70	01146972-01	I4R-07	Class 2 Piping
RHR - A	Visual, VT-2	C-H	C7.30, C7.70	01072307-01	I4R-07	Class 2 RHR -A Piping ¹
RHR - B	Visual, VT-2	C-H	C7.30, C7.70	01146973-01	I4R-07	Class 2 RHR -B Piping ¹
SBLC	Visual, VT-2	C-H	C7.30, C7.70	01072599-01	I4R-07	Class 2 System Leakage Test ¹
CS B	Visual, VT-2	C-H	C7.30, C7.70	01146981-01	I4R-07	Class 2 System Leakage Test
HPCI	Visual, VT-2	C-H	C7.30, C7.70	00932301-01 01072299-01	I4R-07	Class 2 System Leakage Tests
ECCS Fill	Visual, VT-2	C-H	C7.30, C7.70	01072298-01	I4R-07	Class 2 System Leakage Tests ¹
ECCS Ring Header	Visual, VT-2	C-H	C7.30, C7.70	01072592-01	I4R-07	Class 2 System Leakage Tests ¹

General Note: Q1R20 is the second outage of the second period for Unit 1. Some of the Class 2 boundary was examined in Q1R19 and included in the Q1R19 Post Outage (90 Day) Summary Report. The second period ends March 9, 2010. Remaining portions examined online during the current period will be reported in the Q1R21 Post Outage (90 Day) Summary Report.

¹Note: Partial system leakage test. Balance of the system is to be examined by end of period.

Table 3.1-3

Quad Cities Unit 1 Snubber Functional Tests (4th Interval)								
Drawing	Component	T/S Number	Class	Category	Item	Inspection	Date Tested	Results
M-994D-316	1012A-W-101	1-005 ¹	1	F-A	F1.10	FT	05/03/2009	Pass
M-994D-317	1012A-W-102	1-006 ¹	1	F-A	F1.10	FT	04/30/2009	Pass
M-994D-318	1012B-W-102	1-007 ¹	1	F-A	F1.10	FT	05/02/2009	Pass
M-990D-260	0200-W-143	1-017	1	F-A	F1.10	FT	05/02/2009	Pass
M-329A Sht. 6	1-3019-A26	1-026	N/A	N/A	N/A	FT	04/29/2009	Pass
M-1053-EL Sht. 1, 2, 3, 4	1-0300-0030	1-030 ¹	N/A	N/A	N/A	FT	04/30/2009	Pass
M-1053-EL Sht. 1, 2, 3, 4	1-0300-0031	1-031 ¹	N/A	N/A	N/A	FT	04/30/2009	Pass
M-1053-EM Sht. 1, 2, 3	1-0300-0032	1-032 ¹	N/A	N/A	N/A	FT	04/30/2009	Pass
M-1053-EM Sht. 1, 2, 3	1-0300-0033	1-033 ¹	N/A	N/A	N/A	FT	04/30/2009	Pass
M-833 Sht. 35	1-1629-A39	1-039	N/A	N/A	N/A	FT	04/20/2009	Pass
M-990D-3	0200-M-175	1-045 ¹ (Removed)	1	F-A	F1.10	FT	05/03/2009	Fail
M-990D-3	0200-M-175	1-045 ¹ (Installed)	1	F-A	F1.10	FT	05/03/2009	Pass
M-990D-4 Sht. 1, 2	0200-M-174	1-046 ^{1,2} (Removed)	1	F-A	F1.10	FT	05/03/2009	Pass
M-990D-4 Sht. 1, 2	0200-M-174	1-046 ^{1,2} (Installed)	1	F-A	F1.10	FT	05/03/2009	Pass
M-988D-5 Sht. 1, 2	1-3001-A51	1-051	N/A	N/A	N/A	FT	04/29/2009	Pass
M-328A Sht. 10	1-3019-A59	1-059	N/A	N/A	N/A	FT	05/01/2009	Pass
M-328D Sht. 7	3001D-M-101.1	1-074	1	F-A	F1.10	FT	04/29/2009	Pass
M-1602-02 Sht. 1, 2	1025-M-210	1-080	2	F-A	F1.20	FT	04/24/2009	Pass
M-1602-04 Sht. 1, 2	1025-M-220	1-082 ¹	2	F-A	F1.20	FT	04/20/2009	Pass
M-1602-23 Sht. 1, 2	1025-M-215	1-089	2	F-A	F1.20	FT	04/22/2009	Pass
M-1605-08	1015A-W-202B	1-096	2	F-A	F1.20	FT	04/24/2009	Pass
M-1605-11	1015A-W-206A	1-099	2	F-A	F1.20	FT	04/23/2009	Pass
M-1613-04 Sht. 1, 2	2306-M-204	1-113	2	F-A	F1.20	FT	04/24/2009	Pass
M-991D-59 Sht. 1, 2, 3	1-1605-121	1-121	N/A	N/A	N/A	FT	04/21/2009	Pass
M-994D-22 Sht. 1, 2, 3	1025-M-101 A&B	1-122 ^{1,2} (Removed)	1	F-A	F1.10	FT	05/01/2009	Pass
M-994D-22 Sht. 1, 2, 3	1025-M-101 A&B	1-122 ^{1,2} (Installed)	1	F-A	F1.10	FT	05/01/2009	Pass
M-994D-23 Sht. 1, 2, 3	1025-M-102 A&B	1-124 ¹	1	F-A	F1.10	FT	05/02/2009	Pass
M-998D-105	3950-M-313.1	1-126	3	F-A	F1.30	FT	04/24/2009	Pass

¹ Note: These snubbers were tested for service life monitoring.

² Note: This snubber was found to be acceptable but degraded.

Exelon Generation Company, L.L.C.
 300 Exelon Way
 Kennett Square, PA 19348
 Commercial Service Date March 10, 1973

Quad Cities Nuclear Power Station
 Unit 1
 22710 206th Avenue North,
 Cordova, IL 61242

Table 3.1-4

Quad Cities Unit 1 Conditions Noted on ASME Code Components and Corrective Actions (4th Interval)	
Component ID	Description / Resolution
Pressure Test	
"A" Recirculation Pump Flange.	<p>During the Unit 1 Class 1 Leakage Test the listed components were identified to be leaking. Corrective actions were taken as follows:</p> <p>Engineering evaluation (EC # 0000355008) was performed (as permitted by Relief Request I4R-07) on the 1A Recirculation Pump and determined the leakage to be acceptable.</p> <p>Reference VT report # VT2-106 dated 05/17/09 in Work Order 01080044.</p> <ul style="list-style-type: none"> IR's 00920682, 00920687, 00920688, 00920689, 00920692, 00920695, and 00920699 identify mechanical connection and packing leakage. These IR's were replaced with 00922033, 00922044, 00922047, 00922051, 00922054, 00922057, 00922061, 00922065, 00922069, 00922072, 00922076, 00922084, 00922089, 00922094, 00922097 and 00922102 to allow for Operations review by system. Packing leakage and minor tightening was completed under WO 01080026.
Mechanical Connections at CRD's, 1-0202-4A valve, and threaded connection near 1-0262-2-2B	Reference EC 0000375601 for evaluation where leakage through mechanical connections was acceptable.
Visual Inspections	
Hanger 3204C-W-101 A&B	Loose fastener found on hanger pin. IR 00915385 assigned WO 01233150 to correct (acceptance VT-3 Report NDE-762 in Work Order). Hanger was being inspected from IWF-2200(b) follow up. Indication was identical and limited to this component. Hanger has been rescheduled for Third Period.
Penetration X-01 (Equipment Hatch)	IR 00914413 written for moisture barrier separation. Condition corrected under WO 01232144.
1-1600-200A (Torus Hatch)	IR 00912776 written for missing nut. Nut was replaced and found acceptable.
Bolting on ERV and SRV's	IR 00916165 written for studs and nuts damaged during removal process. All damaged parts were replaced.
Surface Examinations	
0200-W-127A	Construction porosity identified during inservice examination was evaluated as acceptable under EC 0000375492 (IR 00917605).
Snubber Functional Tests	
0200-M-175	Snubber failed functional test and was replaced (IR 00915235). This snubber was selected for Service Life Monitoring.

Table 3.2-1

Quad Cities Unit 1 BWRVIP-75-A/GL 88-01 Outage Summary					
Report Number	Component	Class	Pre/Post Outage Category	Inspection	Results
Q1R20-018	10AD-F12	I	C	UT	NRI
Q1R20-019	10AD-F13	I	C	UT	NRI
Q1R20-029	10AD-F9 ²	I	C	UT	NRI
Q1R20-020	10AD-S10 ²	I	C	UT	NRI
Q1R20-030	10AD-S6 ²	I	C	UT	NRI
Q1R20-042	10AD-S7 ²	I	C	UT	NRI
Q1R20-031	10AD-S8 ²	I	C	UT	Acceptable
Q1R20-032	10BD-S12 ²	I	C	UT	NRI
Q1R20-033	10BD-S7 ²	I	C	UT	NRI
Q1R20-076	14A-F1 ^{1,2}	I	C	UT	Acceptable
Q1R20-077	14A-F3R ^{1,2}	I	C	UT	Acceptable
Q1R20-078	14A-F4ER ^{1,2}	I	C	UT	Acceptable
Q1R20-079	14B-F1 ^{1,2}	I	C	UT	Acceptable
Q1R20-080	14B-F12	I	C	UT	NRI
Q1R20-081	14B-F4R ^{1,2}	I	C	UT	Acceptable
Q1R20-015	02AB-S10A	I	D	UT	NRI
Q1R20-016	02AD-S5	I	D	UT	NRI
Q1R20-028	02BS-S5	I	E	UT	NRI
Q1R20-017	02BS-S9	I	E	UT	NRI
Q1R20-047	02H-S3	I	E	UT	NRI
Q1R20-049	02J-S4	I	E	UT	NRI

¹Note: Weld is a dissimilar metal weld examined by automated ultrasonic technique with Supplement 10 profile.

²Note: Weld is credited towards ASME Section XI Risk Informed ISI Program population.

Table 3.3

Quad Cities Unit 1 Number and Percentage of Examinations Completed (4th Interval)				
Category	Exams Completed in Q1R20	Exams Completed to Date	Total Exams in the Interval	Percentage Complete for Interval
B-A ⁴	0	22	29	76
B-D	1	43	58	74
B-G-1 ¹	0	8	9	89
B-G-2 ²	14	19	31	61
B-K	1	8	11	73
B-L-2 ⁵	0	1	1	100
B-M-1	0	0	1	0
B-M-2 ⁵	1	6	6	100
B-N-1 ⁸	N/A	N/A	N/A	N/A
B-N-2 ⁸	N/A	N/A	N/A	N/A
B-O ⁴	0	0	2	0
B-P ³	N/A	N/A	N/A	N/A
C-A	0	2	4	50
C-B ⁷	2	10	14	71
C-C	0	7	11	64
C-H ³	N/A	N/A	N/A	N/A
F-A ⁶	7	54	78	69
R-A ²	19	72	108	67

- ¹Note: Category B-G-1 contains reactor vessel studs and nuts. 1/3 of the reactor vessel studs, nuts, washers and ligaments are examined each refueling outage. Since the component number is repeated in this category, each period may result in greater than the limiting percentage of exams.
- ²Note: B-G-2 category includes bolted connections when components are opened as well as in place under tension.
- ³Note: Category B-P and C-H exams are pressure tests tracked under Table 3.1-2.
- ⁴Note: Exam Category B-A and B-O are scheduled to coincide with previous interval to maintain ten year interval between exams and are performed in accordance with 10CFR50.55a Period completion percentage does not apply.
- ⁵Note: Categories B-L-2, and B-M-2 are inspected and credited under the Repair/Replacement Program only when the component is disassembled. Only one of each type of valve and pump are required to be examined.
- ⁶Note: Only 71 total exams are required to meet combined Class 1 and 2 requirements for F-A category, however additional exams were scheduled to better distribute exams between systems and based on discovery of indications on Unit 2. Previous counts included the scope expansion of several Class 1 hangers which artificially raised the inspection numbers for code credit.
- ⁷Note: Only 12 components are required to be examined in Category C-B, however several are 100% obstructed and are required to be examined every period by VT-2 in accordance with Item Number C2.33. Therefore, percentage completion for the interval by item number does not apply.
- ⁸Note: B-N-1 and B-N-2 Category Exams are credited by the performance of the BWRVIP program in accordance with Relief Request I4R-15.

4.0 Repair / Replacement Summary

4.1 NIS-2 Index

Table 4.1-1

**Quad Cities Unit 1
NIS-2 List**

Program Number	Work Request Number or Purchase Order	Component EPN	ASME XI Class
06-181	939713-01	1-0203-1B	1
07-004	850738-01	1-1402-28A	2
08-032	PO 424879	0-Spare	1
08-067	1080510-03	1-1106-A	2
08-068	1080510-02	1-1106-A	2
08-069	953694-01	1-2301-23	2
08-071 Rev. 1	1079827-01	1-0203-3D	1
08-076	1082569-01	1-0203-3A	1
08-077 Rev. 1	1068736-01	1-0203-4C	1
08-078 Rev. 1	1068735-01	1-0203-4D	1
08-079 Rev. 1	1068734-01	1-0203-4G	1
08-080	1068733-01	1-0203-4H	1
08-082 through 08-101	1042541	Various Control Rod Drives	1
08-103	862283-01	1-2301-51	2
08-107 Rev. 1	1080522-01	1-0203-3C	1
08-115	978973-01	1-1001-125A	2
08-116, 08-116 Rev. 1	1028630-01	1-1101-16	2
08-122	1138627-02	2-0220-58B	1
09-004	1028387-01	1-1102-B	2
09-005	1028387-07	1-1101-22	2
09-006, 09-008	PO# 439163	0-Spare (S/N BY94632)	1
09-007, 09-009	PO# 439163	0-Spare (S/N BY94635)	1
09-012	1064179-01	1-0220-1	2
09-022	1154410-01	1-1025-M-101	1
09-024	1231834-01,-02	1-1402-8B	2
09-025	1154418-01	0200-M-175	1
09-026	1154414-01	0200-M-174	1

Exelon Generation Company, L.L.C.
300 Exelon Way
Kennett Square, PA 19348
Commercial Service Date March 10, 1973

Quad Cities Nuclear Power Station
Unit 1
22710 206th Avenue North,
Cordova, IL 61242

4.2 NIS-2 Forms (Attached)

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/23/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 06-181 Rev. 1 WO 00939713-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Main Steam, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	Crane	UTC# 2778153	N/A	I-0203-1B	N/A	Replacement	No

7. Description of Work: Replace valve plug assembly.

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

Remarks: 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

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

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

Signed Mathew J. Di... 1st Engineer Date 6/23 20 09
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 HSB CT, of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11/14/06 to 6/24/09, 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.

Jeff Smyke Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date June 24 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 9/26/08
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 07-004 WO 00850738-01

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

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

Type Code Symbol Stamp: NoneAuthorization No.: NoneExpiration Date: N/A

4. Identification of System: 1A Core Spray, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	Consolidated	TR-10491	N/A	1-1402-28A	N/A	Replaced	Yes

7. Description of Work: Replaced relief valve 1-1402-28A with new like for like valve.

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

Type of Code Symbol Stamp N/A – Exelon Nuclear 10CFR50 App B. Q A Program

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

Signed Matthew Rice, ISI Engineer Date October 07 20 08
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 1/5/07 to 10/7/08, 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.

Jeff Smyth Commissions 12 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date October 7 20 08

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 5/27/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-032 WO: PO 424879
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Sec. III Edition: 1995 Addenda: 1996 Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
Electromatic Relief Valve	NWS Technologies	BY94638	N/A	Spare	N/A	Repair / Replacement	No

7. Description of Work: Mechanically remove Turnbuckle Boss and Pilot Sensing Tube and re-weld to the valve body.

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

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

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

Signed Matthew Rice, ISI Engineer Date 6/2 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2/8/08 to 6/2/09, 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.

Jeff Snyder Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements

Date June 2 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/5/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-067 WO: 01080510-03

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Standby Liquid Control, Section XI Code Class 25. (a) Applicable Construction Code: USAS B31.1 Edition: 1967 Addenda: N/A Code Case: N/A(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Explosive Valve</u>	<u>CONAX</u>	<u>UTC 2816713</u>	<u>N/A</u>	<u>1-1106-A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Explosive Valve.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °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 XIType of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. Q A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned *Matthew R. ISI Engineer* Date 6/16 20 09
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 HSB CT, of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/8/08 to 6/22/09, 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.

Jeff Smyka Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date June 22 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/4/2009Sheet: 1 of 1Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-068 WO: 01080510-02

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

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

Type Code Symbol Stamp: NoneAuthorization No.: NoneExpiration Date: N/A4. Identification of System: Standby Liquid Control, Section XI Code Class 25. (a) Applicable Construction Code: USAS B31.1 Edition: 1967 Addenda: N/A Code Case: N/A(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Explosive Valve Trigger Assembly</u>	<u>CONAX</u>	<u>UTC 2826058</u>	<u>N/A</u>	<u>1-1106-A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Explosive Valve Trigger Assembly.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °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 XIType of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. Q A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned Matthew Ricci, ISI Engineer Date 6/16 20 09
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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/8/08 to 6/22/09, 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 Jeff Smayda Commissions IL 2159
National Board, State, Province, and EndorsementsDate June 22 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL. 60555

Date: 5/27/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-069 WO: 00953694-01

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: High Pressure Coolant Injection, Section XI Code Class 2

5. (a) Applicable Construction Code: USAS B31.1 Edition: 1967 Addenda: N/A Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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	Consolidated	UTC 2728018	N/A	1-2301-23	N/A	Replacement	No

7. Description of Work: Replaced Relief Valve.

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

Type of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. O A Program

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

Signed Matthew Rice, ISI Engineer Date 5/28 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/1/08 to 4/1/09, 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.

Jeff Smyth Commissions 12 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date June 1 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL. 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Rev. 1 me 7/7/09
Program No.: 08-071 WO: 01079827-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Section III Edition: 1995 Addenda: 1996 Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Electromatic Relief Valve</u>	<u>Dresser Industries</u>	<u>BY 94635</u>	<u>N/A</u>	<u>1-0203-3D</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Electromatic Relief valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice, ISI Engineer Date July 7 20 09
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 HSB CT, of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/2/08 to 7/9/09, 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 Jeff Smyth Commissions IL 2159
National Board, State, Province, and Endorsements
Date: July 9 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-076 WO: 01082569-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Section III 1965/1968 Edition: Winter 1968 Addenda: N/A Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Target Rock Relief Valve</u>	<u>Target Rock Corp.</u>	<u>225</u>	<u>N/A</u>	<u>L-0203-3A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Target Rock Relief valve in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice ISI Engineer Date July 7 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/2/08 to 7/13/09, 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.

Jeff Amador Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date July 13 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-077 WO: 01068736-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 and ASME Section III 1965/1968 Edition: N/A Addenda: N/A Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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 Relief Valve	Consolidated Valve	BK 7163	N/A	1-0203-4C	N/A	Replacement	No

7. Description of Work: Replaced valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rini 1st Engineer Date July 7 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/3/08 to 7/9/09, 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.

Jeff Smydar Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date July 9 20 09

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

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Rev. 01 mm 7/7/09
Program No.: 08-078 WO: 01068735-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 and ASME Section III 1965/1968 Edition: N/A Addenda: N/A Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Safety Relief Valve</u>	<u>NWS Technologies</u>	<u>BK 7164</u>	<u>N/A</u>	<u>1-0203-4D</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice, ISI Engineer Date July 7 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/3/08 to 7/9/09, 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.

Jeff Smyth Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements
Date July 9 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-079 WO: 01068734-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 and ASME Section III 1965/1968 Edition: N/A Addenda: N/A Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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 Relief Valve	Consolidated Valve	BK 6252	N/A	1-0203-4G	N/A	Replacement	No

7. Description of Work: Replaced valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Ri, ISI Engineer Date July 7 20 09
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 HSB CT, of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/2/08 to 7/8/09, 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.

Jeff Smigden Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date July 8 20 09

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

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-080 WO: 01068733-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 and ASME Section III 1965/1968 Edition: N/A Addenda: N/A Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Safety Relief Valve</u>	<u>Consolidated Valve</u>	<u>BK 6278</u>	<u>N/A</u>	<u>1-0203-4H</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice, ISI Engineer Date July 7 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/2/08 to 7/7/09, 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.

Jeff Smyth Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date July 7 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 06/23/2009
Sheet: 1 of 3
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. See Attachment A, WO 1042541 tasks 01 through 20
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Control Rod Drive, Class 1

5. (a) Applicable Construction Code: Component: ASME Section III 1965 Edition, Winter 1965 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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)
See Attachment A							

7. Description of Work: Replaced Control Rod Drives and bolting in accordance with the W.O.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure psi Test Temp. °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 - Exelon Nuclear 10CFR50 App B. Q A Program

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

Signed Matthew Rice ISI Engineer Date 6/23 20 09
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 HSB CT. of Connecticut have inspected the components described in this Owner's Report during the period 9/5/03 to 6/25/09, 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.

Jeff Snyder
Inspector's Signature

Commissions IL 2159

National Board, State, Province, and Endorsements

June 25 20 09

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

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL. 60555

Date: 06/23/2009
Sheet: 2 of 3
Unit: 1

Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. See Attachment A, WO 1042541
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Control Rod Drive , Class 1

5. (a) Applicable Construction Code: Component: ASME Section III 1965 Edition, Winter 1965 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

Attachment A

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)	Program No.
Control Rod Drive	GE Nuclear Energy	S/N: 357	N/A	1-0300-54-31	N/A	Replacement	Yes	08-082
Control Rod Drive	GE Nuclear Energy	S/N: A9572	N/A	1-0300-42-11	N/A	Replacement	Yes	08-083
Control Rod Drive	GE Nuclear Energy	S/N: A9703	N/A	1-0300-10-27	N/A	Replacement	Yes	08-084
Control Rod Drive	GE Nuclear Energy	S/N: A9108	N/A	1-0300-26-35	N/A	Replacement	Yes	08-085
Control Rod Drive	GE Nuclear Energy	S/N: A9740	N/A	1-0300-14-27	N/A	Replacement	Yes	08-086
Control Rod Drive	GE Nuclear Energy	S/N: A5116	N/A	1-0300-22-27	N/A	Replacement	Yes	08-087
Control Rod Drive	GE Nuclear Energy	S/N: A9577	N/A	1-0300-26-43	N/A	Replacement	Yes	08-088
Control Rod Drive	GE Nuclear Energy	S/N: 7732	N/A	1-0300-46-19	N/A	Replacement	Yes	08-089
Control Rod Drive	GE Nuclear Energy	S/N: 473	N/A	1-0300-34-43	N/A	Replacement	Yes	08-090
Control Rod Drive	GE Nuclear Energy	S/N: 352	N/A	1-0300-30-47	N/A	Replacement	Yes	08-091
Control Rod Drive	GE Nuclear Energy	S/N: 9220	N/A	1-0300-30-59	N/A	Replacement	Yes	08-092
Control Rod Drive	GE Nuclear Energy	S/N: 581	N/A	1-0300-38-55	N/A	Replacement	Yes	08-093
Control Rod Drive	GE Nuclear Energy	S/N: 139	N/A	1-0300-38-27	N/A	Replacement	Yes	08-094
Control Rod Drive	GE Nuclear Energy	S/N: A9490	N/A	1-0300-34-39	N/A	Replacement	Yes	08-095
Control Rod Drive	GE Nuclear Energy	S/N: 1515	N/A	1-0300-34-23	N/A	Replacement	Yes	08-096

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

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 06/23/2009
Sheet: 3 of 3
Unit: 1

Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. See Attachment A, WO 1042541
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Control Rod Drive, Class 1

5. (a) Applicable Construction Code: Component: ASME Section III 1965 Edition, Winter 1965 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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)	Program No.
Control Rod Drive	GE Nuclear Energy	S/N: 1322	N/A	1-0300-30-39	N/A	Replacement	Yes	08-097
Control Rod Drive	GE Nuclear Energy	S/N: 535	N/A	1-0300-30-31	N/A	Replacement	Yes	08-098
Control Rod Drive	GE Nuclear Energy	S/N: 912	N/A	1-0300-02-31	N/A	Replacement	Yes	08-099
Control Rod Drive	GE Nuclear Energy	S/N: 540A	N/A	1-0300-34-27	N/A	Replacement	Yes	08-100
Control Rod Drive	GE Nuclear Energy	S/N: 1926	N/A	1-0300-50-31	N/A	Replacement	Yes	08-101

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 11/21/2008

Sheet: 1 of 1

Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 08-103 WO 00862283-01

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

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

Type Code Symbol Stamp: NoneAuthorization No.: NoneExpiration Date: N/A

4. Identification of System: High Pressure Coolant Injection, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	UTC # 0002813630	N/A	1-2301-51	N/A	Replacement	No

7. Description of Work: Replaced valve in accordance with WO.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure _____ psi Test Temp. _____ °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 XIType of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. O A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned Matthew Rice, ISI Engineer Date November 21 20 08
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/9/08 to 11/24/08, 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.

Jeff Amodeo Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements

Date November 24 20 08

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 7/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 08-107 WO: 01080522-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Section III Edition: 1995 Addenda: 1996 Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
Electromatic Relief Valve	Dresser Industries	BY 94638	N/A	1-0203-3C	N/A	Replacement	No

7. Description of Work: Replaced Electromatic Relief valve and bolting in accordance with WO.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice 151 Engineer Date July 7 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10/9/08 to 7/13/09, 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.

Jeff Smith Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date July 13 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/22/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 08-115 WO 00978973-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Residual Heat Removal, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	S/N TR-28193 (UTC # 2811057)	N/A	1-1001-125A	N/A	Repair	No

7. Description of Work: Replace valve.

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

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

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

Signed Matthew Rice, ISI Engineer Date 6/22 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10/28/08 to 6/23/09, 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 [Signature] Commissions IL 2159
National Board, State, Province, and Endorsements
Date June 23 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL. 60555
Date: 5/28/2009
Sheet: 1 of 1
Unit: 1
2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242
Program No.: 08-116, 08-116 Rev. 1 WO: 1028630-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242
Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A
4. Identification of System: Standby Liquid Control, Class 2
5. (a) Applicable Construction Code: ASME B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N-416-3

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)
<u>Check Valve</u>	<u>FLOWERVE</u>	<u>UTC 2789929</u>	<u>N/A</u>	<u>1-1106-16</u>	<u>N/A</u>	<u>Repaired / Replaced</u>	<u>No</u>

7. Description of Work: Replaced valve. Repaired per plan.

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

9. Remarks: None.**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

Type of Code Symbol Stamp N/A – Exelon Nuclear 10CFR50 App B. Q A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned Matthew Dini ISI Engineer Date 5/28 20 09
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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10/28/08 to 5/29/09, 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.

Jeff Amey
Inspector's SignatureCommissions IL 2159

National Board, State, Province, and Endorsements

Date May 29 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 4/27/2009
Sheet: 1 of 1
Unit:

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 08-122 WO 01138627-02

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Feed Water, Class 1

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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)
Pin Valve	ECKER-ERHARDT CO. INC.	UTC 2775347	N/A	2-0220-58B	N/A	Repair	No

7. Description of Work: Machine hardfacing on disk seat area to base metal and build back up.

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

9. Remarks: None.

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

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

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

Signed Matthew Reic, ISI Engineer Date May 11 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 12/2/06 to 5/13/09, 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.

Jeff Smayda Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements
Date May 13 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 3/10/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-004 WO 01028387-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Standby Liquid Control, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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 Body	Nova Machine Products	Helicoil UTC # 0002795644	N/A	1-1102-B	N/A	Repair	No

7. Description of Work: Helicoil in nonpressure retaining bolting.

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

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

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

Signed Matthew Rice, ISI Engineer Date 3/10 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/3/09 to 3/19/09, 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

National Board, State, Province, and Endorsements

Date March 19 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 5/28/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-005 WO 01028387-07

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Standby Liquid Control, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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 Disk	Crane	UTC # 0002069527	N/A	1-1101-22	N/A	Replacement	No

7. Description of Work: Valve disk replacement.

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

Type of Code Symbol Stamp N/A – Exelon Nuclear 10CFR50 App B. Q A Program

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

Signed Mathew Rice, ISI Engineer Date 5/28 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/5/09 to 5/29/09, 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.

Jeff Anya Commissions 12 2159
Inspectors Signature National Board, State, Province, and Endorsements

Date May 29 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 04/25/2009
Sheet: 1 of 1
Unit: 0

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-006, 09-008 PO 439163

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Section III Edition, 1995 Addenda, 1996 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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)
Electromatic Relief Valve	Dresser Industries	BY 94632	N/A	Spare	N/A	Repair / Replacement	No

7. Description of Work: Helicoil repair and removal of cracked tack welds.

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

9. Remarks: None.

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

Type of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. O A Program

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

Signed Matthew Rice, ISI Engineer Date 4/25 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/27/09 to 4/25/09, 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 April 25 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 04/25/2009
Sheet: 1 of 1
Unit: 0

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-007, 09-009 PO 439163

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Main Steam, Class 1

5. (a) Applicable Construction Code: ASME Section III Edition, 1995 Addenda, 1996 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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)
Electromatic Relief Valve	Dresser Industries	BY 94635	N/A	Spare	N/A	Repair / Replacement	No

7. Description of Work: Helicoil repair and removal of cracked tack welds.

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

9. Remarks: None.

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

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

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

Signed Matthew Rice, ISI Engineer Date 4/25 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/24/09 to 4/25/09, 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.

Jeff Smyder
Inspector's Signature

Commissions IL 2159

National Board, State, Province, and Endorsements

Date April 25 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/23/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-012 WO 01064179-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Main Steam, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	UTC# 2788439	N/A	1-0220-1	N/A	Replacement	No

7. Description of Work: Replace valve disc.

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

9. Remarks: 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

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

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

Signed Matthew Ricci ISI Engineer Date 6/23 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/29/09 to 6/24/09, 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.

Jeff Smyth Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements
Date June 24 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 09-022 WO: 01154410-01

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

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

Type Code Symbol Stamp: NoneAuthorization No.: NoneExpiration Date: N/A4. Identification of System: Residual Heat Removal, Class 15. (a) Applicable Construction Code: USAS B31.1 Edition: 1967 Addenda: N/A Code Case: N/A(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Snubber</u>	<u>LISEGA USA INC</u>	<u>UTC 2674522</u>	<u>N/A</u>	<u>ISI # 1025-M-101</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Snubber.

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

9. Remarks: None.**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

Type of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. Q A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned Matthew D. Ri, ISI Engineer Date 6/3 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/2/09 to 6/5/09, 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 Jeff Amodeo Commissions IL 2159
National Board, State, Province, and EndorsementsDate June 5 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/23/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No. 09-024 WO 01231834-01 and -02
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Unit 1 Core Spray, Class 2

5. (a) Applicable Construction Code: USAS B31.1 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 Edition, 1996 Addenda, N/A Code Case

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	N/A	N/A	N/A	1-1402-8B	N/A	Repair	No

7. Description of Work: Weld buildup valve disc guides.

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

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

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

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

Signed Matthew Pini ISI Engineer Date 6/23 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/3/09 to 6/24/09, 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.

Jeff Smyth Commissions IL 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date June 24 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 6/2/2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 09-025 WO: 01154418-01
Repair Organization P.O. No., Job No., etc.

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Reactor, Class 1

5. (a) Applicable Construction Code: USAS B31.1 Edition: 1967 Addenda: N/A Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Snubber</u>	<u>BASIC-PSA INC</u>	<u>UTC 2804315</u>	<u>N/A</u>	<u>ISI # 0200-M-175</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced Snubber.

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

9. Remarks: None.

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

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

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

Signed Matthew Rios, ISI Engineer Date 6/3 20 09
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 HSB CT. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/4/09 to 6/4/09, 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 Jeff Amador Commissions IL 2159
National Board, State, Province, and Endorsements
Date June 4 20 09

FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Date: 5-18-2009
Sheet: 1 of 1
Unit: 1

2. Plant: Quad Cities Generating Station
22710 206th Ave. North, Cordova, IL 61242

Program No.: 09-026 WO: 1154414-01

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

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

Type Code Symbol Stamp: None
Authorization No.: None
Expiration Date: N/A

4. Identification of System: Reactor, Section XI Class 15. (a) Applicable Construction Code: USAS B31.1 1967 Edition: N/A Addenda: N/A Code Case: N/A(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N/A

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)
<u>Snubber</u>	<u>Basic-PSA Inc.</u>	<u>UTC 2817587</u>	<u>N/A</u>	<u>0200-M-174</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work: Replaced existing degraded snubber.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °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 XIType of Code Symbol Stamp N/A - Exelon Nuclear 10CFR50 App B. Q A ProgramCertificate of Authorization No. N/A Expiration Date N/ASigned Matthew Pini, ISI Engineer Date 5/26 20 09
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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/4/09 to 5/27/09, 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.

Jeff Snyder Commissions IL 2159
Inspectors Signature National Board, State, Province, and Endorsements

Date may 27 20 09