

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

www.exeloncorp.com

10CFR50.55a

SVP-12-062

July 13, 2012

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

Quad Cities Nuclear Power Station Unit 2  
Renewed Facility Operating License No. DPR-30  
NRC Docket No. 50-265

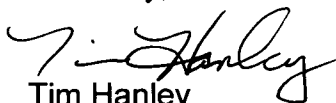
Subject: Unit 2 Post Outage Inservice Inspection (ISI) Summary Report

Enclosed is the Quad Cities Nuclear Power Station Unit 2 Post-Outage Summary Report for Inservice Inspection examinations and Repair/Replacement activities conducted from the end of the March 2010 refueling outage through the March 2012 refueling outage. This report is due within 90 days after the end of the Unit 2 March 2012 refueling outage, which is July 17, 2012. This report documents examinations performed during the third 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,



Tim Hanley  
Site Vice President  
Quad Cities Nuclear Power Station

Attachment: Quad Cities Nuclear Power Station - Unit 2  
Post Outage (90 Day) Summary Report

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

AD47  
NRR

# **Quad Cities Nuclear Power Station - Unit 2 Post Outage (90 Day) Summary Report**

# Quad Cities Nuclear Power Station - Unit 2 Post Outage (90 Day) Summary Report

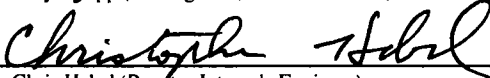
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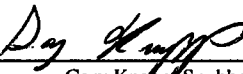
Refueling Outage Q2R21  
Outage Start Date: March 19, 2012  
Outage End Date: April 18, 2012

Commercial Service Date: March 10, 1973  
22710 206<sup>th</sup> Avenue North  
Cordova, IL 61242

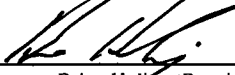
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300 Exelon Way  
Kennett Square, PA 19348

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Mathew Rice (Manager Program Engineering)

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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 April 14, 2010 through April 18, 2012 during the fourth ten-year interval third inspection period. This most recent refueling outage was the 21<sup>st</sup> refueling outage for Quad Cities Nuclear Power Station Unit 2 and is the second outage for this unit during the third inspection period. The outage started March 19, 2012 and was completed April 18, 2012 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.

### 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 Q2R21. 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.

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 2  
22710 206<sup>th</sup> Avenue North,  
Cordova, IL 61242

## 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 206<sup>th</sup> Avenue North, Cordova, IL 61242  
(Name and Address of Plant)
3. Plant Unit Two 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 3/10/73 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.

**FORM NIS-1 (Back)**

8. Examination Dates: 4/14/10 to 4/18/12

9. Inspection Period Identification: 3<sup>rd</sup> Period – From 4/14/2010 to 4/18/2012 for the 4<sup>th</sup> Interval

10. Inspection Interval Identification: 4th Interval – From 3/10/03 to 4/1/13

11. Applicable Edition of Section XI 1995 Addenda 1996

12. Date/Revision of Inspection Plan: 11/30/11 Revision 8 (4<sup>th</sup> 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, 3.1-1B, 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, 3.1-1B, 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 July 2 20 12 Signed Exelon Corporation By Matthew Rice  
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

4/14/10 To 4/18/12, 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.



Inspector's Signature

Commissions AS 13175 AND IL 2211

National Board, State, Province, and Endorsements

Date 3 Jul 20 12

### **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 21<sup>st</sup> refueling outage on ISI Program components. 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 33 volumetric (14 were RI-ISI, Category R-A welds), 9 surface examinations and 43 visual examinations were performed on Class 1, 2 and RI-ISI components. Four follow-up visual exams were due to recordable indications in one IWF-2500-1 components. One visual examination did not meet coverage requirements of ASME Section XI Code (i.e. greater than 90 percent of the specified examination volume) during Q2R21 and is listed in Table 3.1-1B. 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 for third period exams. The Class 1 Vessel System Leakage Test, 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 systems to be tested by the end of the period. The tests were performed in accordance with the 1995 Edition 1996 Addenda of the ASME Section XI Code.

Containment inspections were completed for Unit 2 for the second period of the 10-year interval in accordance with 2001 Edition through the 2003 Addenda of ASME Section XI Subsection IWE. All disassembled bolting surfaces were examined as required.

Exelon personnel performed functional tests on a total of twenty-seven (27) snubbers for operability per the Service Life Monitoring/Failure Trending Sample and the 1995 edition through 1996 addenda of the ASME OM Code Subsection ISTD. Thirteen (13) snubbers were selected for the 10% sample group testing with the remaining fourteen (14) being tested for Service Life Monitoring. Seventeen (17) of the twenty-seven (27) snubbers were ASME Section XI Code designated. In addition, twenty-seven (27) replacement snubbers were tested and installed in accordance with a planned snubber replacement plan which is part of the Service Life Monitoring strategy. Of the fifty-four (54) snubbers tested, all were found to be acceptable for continued operation. Snubber testing activities are summarized in Table 3.1-3, "Quad Cities Unit 2 Snubber Functional Tests." Results are documented in WO 01333255.

Table 3.1-4 "Quad Cities Unit 2 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). Six (6) Category C Welds (susceptible to IGSCC but mitigated by stress improvement) were examined. Four (4) of the Category C welds can be credited towards ASME Section XI examination percentages. Four (4) Category E Welds (cracked weldments that have been mitigated by a weld overlay) were examined. All welds were acceptable with no IGSCC indications. This is consistent with previous examination results.

### **3.3 In-Vessel Inspections (IVI)**

Relief Request I4R-15 is approved as an alternative to Category B-N-1 and B-N-2 requirements. No Category B-N-1 or B-N-2 exams were scheduled during Q2R21.

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

- Visual inspections of two Jet Pump Assembly riser brace attachment welds in accordance with BWRVIP-41 Rev 3
- Visual inspections Core Shroud Support Horizontal welds in accordance with BWRVIP-38
- Visual inspections of the Steam Dryer Wall Support Lugs (WSL) and RPV attachment welds in accordance with BWRVIP-48-A

Previous acceptable indications on the Steam Dryer Wall Support Lugs (WSL) were re-examined for signs of change. No significant changes were noted in these indications. Quad Cities will continue to monitor this condition.

**Table 3.1-1**

| <b>Quad Cities Unit 2</b><br><b>ASME Section XI Outage Summary (4<sup>th</sup> Interval)</b> |                         |       |          |        |            |                                    |
|--|-------------------------|-------|----------|--------|------------|------------------------------------|
| Report Number  | Component               | Class | Category | Item   | Inspection | Results                            |
| Q2R21-071  | RPV-THDW                | 1     | B-A      | B1.21  | UT         | NRI                                |
| Q2R21-072  | RPV-THMS-0              | 1     | B-A      | B1.22  | UT         | NRI                                |
| Q2R21-073  | RPV-THMS-120            | 1     | B-A      | B1.22  | UT         | NRI                                |
| Q2R21-074  | RPV-THMS-180            | 1     | B-A      | B1.22  | UT         | NRI                                |
| Q2R21-075  | RPV-THMS-240            | 1     | B-A      | B1.22  | UT         | NRI                                |
| Q2R21-076  | RPV-THMS-300            | 1     | B-A      | B1.22  | UT         | NRI                                |
| Q2R21-077  | RPV-THMS-60             | 1     | B-A      | B1.22  | UT         | NRI                                |
| 032-VT2  | N10 IRS                 | 1     | B-D      | B3.100 | VT-2       | NRI                                |
| Q2R21-058  | CLOSURE BUSHING         | 1     | B-G-1    | B6.50  | VT-1       | NRI                                |
| Q2R21-059  | CLOSURE NUTS            | 1     | B-G-1    | B6.10  | VT-1       | NRI                                |
| Q2R21-060  | CLOSURE STUDS           | 1     | B-G-1    | B6.20  | UT         | NRI                                |
| Q2R21-061  | CLOSURE WASHERS         | 1     | B-G-1    | B6.50  | VT-1       | NRI                                |
| Q2R21-065  | LIGAMENTS               | 1     | B-G-1    | B6.40  | UT         | NRI                                |
| Q2R21-069  | Recirc Pump 2B (2B-202) | 1     | B-G-1    | B6.180 | UT         | NRI                                |
| Q2R21-091  | Recirc Pump 2B (2B-202) | 1     | B-G-1    | B6.190 | VT-1       | NRI                                |
| Q2R21-064  | DECON FLANGE 3"         | 1     | B-G-2    | B7.50  | VT-1       | NRI                                |
| Q2R21-051  | 3204D-W-101A            | 1     | B-K      | B10.20 | SURF       | NRI                                |
| Q2R21-070  | RPV-SSLH                | 1     | B-K      | B10.10 | SURF       | NRI                                |
| Q2R21-068  | Recirc Pump 2B (2B-202) | 1     | B-L-2    | B12.20 | VT-3       | NRI                                |
| RT-001   | 2-203-3D-S1             | 1     | B-M-1    | B12.40 | RT         | Acceptable                         |
| N/A  | RPV INTERIOR            | 1     | B-N-1    | B13.10 | VT-3       | Acceptable - Relief Request I4R-15 |
| N/A  | RPV INTERNALS           | 1     | B-N-2    | B13.20 | VT-1/VT-3  | Acceptable - Relief Request I4R-15 |
| Q2R21-062  | CRD HOUSING (BOTTOM)    | 1     | B-O      | B14.10 | SURF       | NRI                                |
| Q2R21-063  | CRD HOUSING (TOP)       | 1     | B-O      | B14.10 | SURF       | NRI                                |
| Q2R21-048  | 2A-1003A-3              | 2     | C-A      | C1.10  | UT         | NRI                                |
| Q2R21-049  | 2A-1003A-4              | 2     | C-A      | C1.20  | UT         | NRI                                |
| 019-VT2  | N6A RHRHX NOZ           | 2     | C-B      | C2.33  | VT-2       | NRI                                |
| 019-VT2  | N8A RHRHX NOZ           | 2     | C-B      | C2.33  | VT-2       | NRI                                |
| Q2R21-066  | N8A-F1 RHRHX            | 2     | C-B      | C2.31  | SURF       | NRI                                |
| Q2R21-067  | N8A-F2 RHRHX            | 2     | C-B      | C2.31  | SURF       | NRI                                |
| Q2R21-023  | 1003A-W-201A            | 2     | C-C      | C3.10  | SURF       | NRI                                |
| Q2R21-027  | 1009B-W-206A            | 2     | C-C      | C3.20  | SURF       | NRI                                |
| Q2R21-029  | 1009B-W-210.1A          | 2     | C-C      | C3.20  | SURF       | NRI                                |
| Q2R21-001  | 0200-M-130              | 1     | F-A      | F1.40  | VT-3       | NRI                                |
| Q2R21-002  | 0200-M-131              | 1     | F-A      | F1.40  | VT-3       | NRI                                |
| Q2R21-003  | 0200-M-132              | 1     | F-A      | F1.40  | VT-3       | NRI                                |
| Q2R21-004  | 0200-M-138.1            | 1     | F-A      | F1.10  | VT-3       | NRI                                |
| Q2R21-005  | 0200-M-155              | 1     | F-A      | F1.10  | VT-3       | NRI                                |
| Q2R21-006  | 0200-W-105 A&B          | 1     | F-A      | F1.10  | VT-3       | NRI                                |

**Table 3.1-1 (continued)**

| <b>Quad Cities Unit 2</b><br><b>ASME Section XI Outage Scope (4<sup>th</sup> Interval)</b> |                 |       |          |       |            |  |
|--|-----------------|-------|----------|-------|------------|--|
| Report Number  | Component       | Class | Category | Item  | Inspection | Results  |
| Q2R21-007  | 0200-W-117 A&B  | 1     | F-A      | F1.10 | VT-3       | NRI  |
| Q2R21-008  | 0200-W-137 A&B  | 1     | F-A      | F1.10 | VT-3       | NRI  |
| Q2R21-009  | 0200-W-176      | 1     | F-A      | F1.40 | VT-3       | NRI  |
| Q2R21-010  | 0200-W-178      | 1     | F-A      | F1.40 | VT-3       | NRI  |
| Q2R21-018  | 0320-M-201      | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-019  | 0320-M-202      | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-020  | 0380B-G-207     | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-021  | 1003A-M-205     | 2     | F-A      | F1.40 | VT-3       | NRI  |
| Q2R21-022  | 1003A-W-201     | 2     | F-A      | F1.40 | VT-3       | NRI  |
| Q2R21-026  | 1009B-W-206     | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-028  | 1009B-W-210.1   | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-030  | 1012B-M-206 A&B | 2     | F-A      | F1.20 | VT-3       | NRI  |
| Q2R21-031  | 1016B-M-204     | 2     | F-A      | F1.40 | VT-3       | Acceptable   |
| Q2R21-043  | 1202-M-106      | 1     | F-A      | F1.10 | VT-3       | NRI  |
| Q2R21-044  | 1265-M-101      | 1     | F-A      | F1.10 | VT-3       | RI - Setting found outside of allowable (IR 1343011), Acceptable by repair |
| Q2R21-050  | 3204D-W-101 A&B | 1     | F-A      | F1.10 | VT-3       | NRI  |
| Q2R21-052  | 3204F-W-103     | 1     | F-A      | F1.10 | VT-3       | NRI  |
| 032-VT2  | 0209A-F10       | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 0209A-F16       | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 0209A-F4        | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 0209B-F2        | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 0209B-F8        | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 1265-F15R       | 1     | R-A      | R1.20 | VT-2       | NRI  |
| 032-VT2  | 1265-F16R       | 1     | R-A      | R1.20 | VT-2       | NRI  |
| Q2R21-032  | 1016D-2         | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-033  | 1025-44         | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-034  | 1025-9          | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-035  | 1025-15         | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-036  | 1025-25         | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-037  | 1025-26         | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-038  | 1025-5          | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-039  | 10AD-S2         | 1     | R-A      | R1.11 | UT-E       | NRI  |
| Q2R21-040  | 10BD-S10        | 1     | R-A      | R1.11 | UT-E       | NRI  |
| Q2R21-041  | 10BD-S8         | 1     | R-A      | R1.11 | UT-E       | NRI  |
| Q2R21-042  | 10BD-S9         | 1     | R-A      | R1.11 | UT-E       | NRI  |
| Q2R21-045  | 1401-7          | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-046  | 1402-5          | 2     | R-A      | R1.20 | UT-E       | NRI  |
| Q2R21-047  | 1402-7          | 2     | R-A      | R1.20 | UT-E       | NRI  |

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Quad Cities Nuclear Power Station  
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 Cordova, IL 61242

**Table 3.1-1A**

| <b>Additional Exams in Accordance with<br/>IWF-2430(a) (4<sup>th</sup> Interval)</b> |                  |              |                 |             |                   |                |
|--|------------------|--------------|-----------------|-------------|-------------------|----------------|
| <b>Report Number</b>   | <b>Component</b> | <b>Class</b> | <b>Category</b> | <b>Item</b> | <b>Inspection</b> | <b>Results</b> |
| Q2R21-087  | 1202-M-102       | I            | F-A             | F1.10       | VT-3              | NRI            |
| Q2R21-088  | 1202-M-110       | I            | F-A             | F1.10       | VT-3              | NRI            |
| Q2R21-089  | 1265-G-101.3     | I            | F-A             | F1.10       | VT-3              | NRI            |
| Q2R21-090  | 1265-M-101.1     | I            | F-A             | F1.10       | VT-3              | NRI            |

**Table 3.1-1B**

| <b>Quad Cities Unit 2<br/>ASME Section XI Limited Coverage Summary (4<sup>th</sup> Interval)</b> |                  |              |                 |             |                   |                        |
|--|------------------|--------------|-----------------|-------------|-------------------|------------------------|
| <b>Report Number</b>   | <b>Component</b> | <b>Class</b> | <b>Category</b> | <b>Item</b> | <b>Inspection</b> | <b>ASME % Coverage</b> |
| Q2R21-010  | 0200-W-178       | I            | F-A             | F1.40       | VT-3              | 5.3                    |

**Table 3.1-2**

| <b>Quad Cities Unit 2<br/> Pressure Testing Summary (4<sup>th</sup> Interval)<br/> Third Period</b> |                   |                 |                                   |                       |                       |  |
|---|-------------------|-----------------|-----------------------------------|-----------------------|-----------------------|--|
| <b>Component</b>  | <b>Inspection</b> | <b>Category</b> | <b>Item Number</b>                | <b>Work Order</b>     | <b>Relief Request</b> | <b>Remarks</b>   |
| RX, Class 1   | Visual, VT-2      | B-P             | B15.10,<br>15.50, 15.60,<br>15.70 | 01359196              | I4R-07                | All class 1 components<br>System Leakage Test            |
| N10 IRS   | Visual, VT-2      | B-D             | B3.100                            | 01359196              | I4R-01                | Class 1 System leakage Test                              |
| Line 2-0236-1"<br>and 2-0234-1"   | Visual, VT-2      | C-H             | C7.30, C7.70                      | 01333170              | I4R-05                | Reactor Vessel Head Flange<br>Seal Leak Detection System |
| 2A RHR  | Visual, VT-2      | C-H             | C7.30, C7.70<br>C7.50             | 01166131.<br>01379594 | N/A                   | MSIV Room piping, Balance<br>of System                   |
| SBLC  | Visual, VT-2      | C-H             | C7.30, C7.70                      | 01166132              | N/A                   | Valves 1106A/B to 1101-1                                 |
| CRD HCU's   | Visual, VT-2      | C-H             | C7.10,<br>C7.30, C7.70            | 01379601              | I4R-06                | CRD piping outside Drywell                               |
| ECCS Suction  | Visual, VT-2      | C-H             | C7.30,<br>C7.50, C7.70            | 01379592              | N/A                   | All ECCS Systems   |
| ECCS Fill   | Visual, VT-2      | C-H             | C7.30,<br>C7.50, C7.70            | 01379570              | N/A                   | All ECCS Systems   |
| 2B CS   | Visual, VT-2      | C-H             | C7.30,<br>C7.50, C7.70            | 01379589              | N/A                   | Class 2 System leakage Test                              |

**General Note:**

Q2R21 is the second refuel outage of the third period for Unit 2. Some of the Class 2 boundary was examined during the first refuel outage (Q2R20) of the third period. The tests completed during the first refuel outage of the third period were included in the Q2R20 Post outage (90 Day) Summary Report. The third period is scheduled to end April 1, 2013. Remaining portions examined online during the current period will be reported in the Q2R22 Post Outage (90 Day) Summary Report.

**Table 3.1-3**  
**Quad Cities Unit 2**  
**Snubber Functional Tests (4<sup>th</sup> Interval)**

| Snubber Number                | EPN / ISI Number                   | Class | Category | Item  | Removed Snubber/<br>Installed Snubber | Inspection | Date Tested | Results |
|-------------------------------|------------------------------------|-------|----------|-------|---------------------------------------|------------|-------------|---------|
| 10% Sample Group              |                                    |       |          |       |                                       |            |             |         |
| 2-001                         | 2-1403-1 /<br>1403-W-103A&B        | 1     | F-A      | F1.10 | Removed                               | FT         | 03/20/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/15/12    | Pass    |
| 2-019                         | 2-0202-B19 /<br>0200-M-130         | 1     | F-A      | F1.10 | Removed                               | FT         | 03/25/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-025                         | 2-0202-B25 /<br>0200-M-132         | 1     | F-A      | F1.10 | Removed                               | FT         | 03/24/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-028                         | 2-0203-28 /<br>3001A-M-102.1       | 1     | F-A      | F1.10 | Removed                               | FT         | 03/22/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-056                         | 2-3001-A56 /<br>3001A-M-102.3      | 1     | F-A      | F1.10 | Removed                               | FT         | 03/24/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-058                         | 2-3019-A58 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/24/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-061                         | 2-3001-B61 /<br>3001B-M-101.1      | 1     | F-A      | F1.10 | Removed                               | FT         | 03/21/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-099                         | 2-1025-99 /<br>1025-M-222          | 2     | F-A      | F1.20 | Removed                               | FT         | 03/15/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |
| 2-101                         | 2-1025-101 /<br>1025-M-225         | 2     | F-A      | F1.20 | Removed                               | FT         | 03/15/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |
| 2-109                         | 2-1424-A109 /<br>N/A               | N/A   | N/A      | N/A   | Removed                               | FT         | 03/16/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |
| 2-116                         | 2-1313-116 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/13/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |
| 2-123                         | 2-1016-A123 /<br>1016A-M-201.1 A&B | 2     | F-A      | F1.20 | Removed                               | FT         | 03/15/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-135                         | 2-1313-135 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/16/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| Service Life Monitoring Group |                                    |       |          |       |                                       |            |             |         |
| 2-002                         | 2-1403-2 /<br>1403-W-103 A&B       | 1     | F-A      | F1.10 | Removed                               | FT         | 03/20/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/15/12    | Pass    |
| 2-006                         | 2-1012-A6 /<br>1012A-W-102         | 1     | F-A      | F1.10 | Removed                               | FT         | 03/21/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/16/12    | Pass    |
| 2-007                         | 2-1012-B7 /<br>1012B-W-102         | 1     | F-A      | F1.10 | Removed                               | FT         | 03/23/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/19/12    | Pass    |
| 2-024                         | 2-0202-B24 /<br>0200-M-131         | 1     | F-A      | F1.10 | Removed                               | FT         | 03/22/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-029                         | 2-0201-A29 /<br>0200-M-117.2       | 1     | F-A      | F1.10 | Removed                               | FT         | 03/24/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-051                         | 2-1011-51 /<br>N/A                 | N/A   | N/A      | N/A   | Removed                               | FT         | 03/12/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |
| 2-057                         | 2-3019-A57 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/23/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-063                         | 2-3019-E63 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/22/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-069                         | 2-3019-C69 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/22/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-070                         | 2-3019-C70 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/20/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-072                         | 2-3001-D72 /<br>3001D-M-101.2      | 1     | F-A      | F1.10 | Removed                               | FT         | 03/20/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/14/12    | Pass    |
| 2-114                         | 2-2306-114 /<br>2306-M-206.1       | 2     | F-A      | F1.20 | Removed                               | FT         | 03/15/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-122                         | 2-1016-A122 /<br>1016A-M-201.1 A&B | 2     | F-A      | F1.20 | Removed                               | FT         | 03/15/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/13/12    | Pass    |
| 2-136                         | 2-1079-136 /<br>N/A                | N/A   | N/A      | N/A   | Removed                               | FT         | 03/12/12    | Pass    |
|                               |                                    |       |          |       | Installed                             | FT         | 03/12/12    | Pass    |

**Table 3.1-4**

| <b>Quad Cities Unit 2</b><br><b>Conditions Noted on ASME Code Components and Corrective Actions (4<sup>th</sup> Interval)</b> |   |
|---|---|
| <b>Component ID</b>   | <b>Description / Resolution</b>   |
| <b>Pressure Test</b>  |   |
|   | <p>During the Unit 2 Class 1 Leakage Test the listed components were identified to be leaking. Reference VT report # VT2-032 dated 4/4/2012 in Work Order 1359196. Corrective actions were taken as follows:</p> <ul style="list-style-type: none"> <li>• IR's 1350193 identified a through wall leak (N11B INSTR. NOZ) that was repaired and satisfactorily retested under WO 1529316</li> <li>• IR's 1350195, 1350196, 1350174, 1350172, 1350190, 1350176, 1350169, 1350178 identify mechanical connection and packing leakage.</li> </ul>    |
| Mechanical Connections at CRD's   | Reference EC 389035 for evaluation of leakage through mechanical connections was acceptable.  |
| CRD/HCU's – On Line bolted connection leakage for 3 <sup>rd</sup> period  | Reference EC 388738 for evaluation of leakage through mechanical connections was acceptable.  |
| <b>Visual Inspections</b>   |   |
| 1265-M-101  | IR 1343011 written due to spring can hanger found outside design range. This hanger did not meet the acceptance standard of ASME Section XI, IWF-3410(a)(4). Corrective actions included re-setting of the spring can under WO 1524971 with satisfactory follow-up VT-3. In addition, scope expansion was performed to satisfy the requirements of ASME Section XI IWF-2430(a).   |
| 3953-M-343 (Class 3)  | IR 01340135 written due to rigid strut hanger found with a loose clamp. Although this appeared to be historic in nature as there was no evidence of thermal movement, this hanger did not meet the acceptance standard of ASME Section XI, IWF-3410(a)(2). Corrective actions included repair of hanger under WO 01523193 with satisfactory follow-up VT-3. In addition, scope expansion was performed to satisfy the requirements of ASME Section XI IWF-2430(a). As this is class 3, the follow-up exams would not be listed in table 3.1-1A. |

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**Table 3.2-1**

| <b>Quad Cities Unit 2</b><br><b>BWRVIP-75-A/GL 88-01 Outage Summary</b> |                       |              |                                 |                   |                |
|---|-----------------------|--------------|---------------------------------|-------------------|----------------|
| <b>Report Number</b>  | <b>Component</b>      | <b>Class</b> | <b>Pre/Post Outage Category</b> | <b>Inspection</b> | <b>Results</b> |
| Q2R21-012   | 02AS-S12              | I            | E                               | UT                | NRI            |
| Q2R21-013   | 02AS-S3               | I            | C                               | UT                | NRI            |
| Q2R21-014   | 02B-F1                | I            | C                               | UT                | NRI            |
| Q2R21-015   | 02C-F7                | I            | E                               | UT                | NRI            |
| Q2R21-016   | 02H-S3                | I            | E                               | UT                | NRI            |
| Q2R21-017   | 02H-S4                | I            | E                               | UT                | NRI            |
| Q2R21-039   | 10AD-S2 <sup>1</sup>  | I            | C                               | UT-E              | NRI            |
| Q2R21-040   | 10BD-S10 <sup>1</sup> | I            | C                               | UT-E              | NRI            |
| Q2R21-041   | 10BD-S8 <sup>1</sup>  | I            | C                               | UT-E              | NRI            |
| Q2R21-042   | 10BD-S9 <sup>1</sup>  | I            | C                               | UT-E              | NRI            |

<sup>1</sup>Note: Weld is credited towards ASME Section XI Risk Informed ISI Program population.



**Table 3.3**

| <b>Quad Cities Unit 2<br/>Number and Percentage of Examinations Completed (4<sup>th</sup> Interval)</b> |                                 |                                |                                    |   |
|---|---------------------------------|--------------------------------|------------------------------------|---|
| <b>Category</b>   | <b>Exams Completed in Q2R21</b> | <b>Exams Completed to Date</b> | <b>Total Exams in the Interval</b> | <b>Percentage Complete for Interval</b> |
| B-A <sup>4</sup>  | 7                               | 23                             | 23                                 | 100%                                    |
| B-D <sup>9</sup>  | 0                               | 42                             | 58                                 | 72%                                     |
| B-G-1 <sup>1</sup>  | 7                               | 17                             | 5                                  | 340%                                    |
| B-G-2 <sup>2</sup>  | 1                               | 31                             | 31                                 | 100%                                    |
| B-K   | 2                               | 8                              | 8                                  | 100%                                    |
| B-L-2 <sup>5</sup>  | 1                               | 1                              | 1                                  | 100%                                    |
| B-M-1   | 1                               | 1                              | 1                                  | 100%                                    |
| B-M-2 <sup>5</sup>  | 0                               | 7                              | 7                                  | 100%                                    |
| B-N-1 <sup>8</sup>  | N/A                             | N/A                            | N/A                                | N/A                                     |
| B-N-2 <sup>8</sup>  | N/A                             | N/A                            | N/A                                | N/A                                     |
| B-O <sup>4</sup>  | 2                               | 2                              | 2                                  | 100%                                    |
| B-P <sup>3</sup>  | N/A                             | N/A                            | N/A                                | N/A                                     |
| C-A   | 2                               | 4                              | 4                                  | 100%                                    |
| C-B <sup>7</sup>  | 2                               | 8                              | 8                                  | 100%                                    |
| C-C   | 3                               | 10                             | 10                                 | 100%                                    |
| C-H <sup>3</sup>  | N/A                             | N/A                            | N/A                                | N/A                                     |
| F-A <sup>6</sup>  | 42                              | 125                            | 116                                | 108%                                    |
| R-A   | 21                              | 115                            | 110                                | 105%                                    |

<sup>1</sup>Note: Category B-G-1 contains reactor vessel studs and nuts. 1/3 of the reactor vessel studs, nuts, bushings, washers, and ligaments are examined each period. Since the component number is repeated in this category, each period may result in greater than the limiting percentage of exams.

<sup>2</sup>Note: B-G-2 category includes bolted connections when components are opened as well as in place under tension.

<sup>3</sup>Note: Category B-P and C-H exams are pressure tests tracked under Table 3.1-2.

<sup>4</sup>Note: 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.

<sup>5</sup>Note: 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.

<sup>6</sup>Note: Category F-A includes Class 1, 2 and 3. There are 15 Class 3 hangers examined during Q2R21 that would not be listed in Table 3.1-1.

<sup>7</sup>Note: 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.

<sup>8</sup>Note: 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.

<sup>9</sup>Note: Category B-D is subject to Relief Request I4R-17 which reduces the total number of examinations during the 10 year interval for the third period. Subsequently, the alternative to ASME Code provides an alternative completion percentage than originally scheduled.

#### 4.0 Repair / Replacement Summary

#### 4.1 NIS-2 Index

**Table 4.1-1**

| <b>Quad Cities Unit 2<br/>NIS-2 List</b> |  |                            |                          |
|--|--|----------------------------|--------------------------|
| <b>Program Number</b>                    | <b>Work Request Number<br/>or<br/>Purchase Order</b> | <b>Component EPN</b>       | <b>ASME XI<br/>Class</b> |
| 05-065                                   | 00687492-02  | 2-0201-1                   | 1                        |
| 11-028                                   | PO# 432829   | 0-Spare (S/N BK6266)       | 1                        |
| 11-042 & 11-043                          | 1126985-02, 03                                       | 2-1106B                    | 2                        |
| 11-047                                   | 1451457-01   | Spare                      | 1                        |
| 11-048, -050, -051, -083, -112           | 1307798-22, 53, 54, 57, 01                           | 2-0202-B &<br>M-1022D-272A | 1                        |
| 11-054 thru 11-073                       | 1357003  | Various Control Rod Drives | 1                        |
| 11-076                                   | 1334350-01   | 2-0203-4D                  | 1                        |
| 11-084                                   | 1361872-01   | 2-3001-A56                 | 1                        |
| 11-085                                   | 1361877-01   | 2-3001-B61                 | 1                        |
| 11-086                                   | 1361860-01   | 2-1025-101                 | 2                        |
| 11-087                                   | 1361863-01   | 2-2306-114                 | 2                        |
| 11-088                                   | 1361865-01   | 2-1016-A122                | 2                        |
| 11-089                                   | 1361867-01   | 2-1016-A123                | 2                        |
| 11-090                                   | 1361871-01   | 2-0203-28                  | 1                        |
| 11-091                                   | 1361881-01   | 2-3001-D72                 | 1                        |
| 11-092                                   | 1361846-01   | 2-0202-B19                 | 1                        |
| 11-093                                   | 1361847-01   | 2-0202-B25                 | 1                        |
| 11-094                                   | 1361848-01   | 2-0202-B24                 | 1                        |
| 11-095                                   | 1361853-01   | 2-1403-1                   | 1                        |
| 11-096                                   | 1361854-01   | 2-1403-2                   | 1                        |
| 11-097                                   | 1361855-01   | 2-1012-A6                  | 1                        |
| 11-098                                   | 1361856-01   | 2-1012-B7                  | 1                        |
| 11-099                                   | 1361849-01   | 2-0201-A29                 | 1                        |
| 11-100                                   | 1361859-01   | 2-1025-99                  | 2                        |
| 11-101 & 12-018                          | 880895-07, 01  | 2-2363-2" &<br>2-2306-24"  | 2                        |
| 11-102                                   | 1334358-01   | 2-0203-3D                  | 1                        |
| 11-104                                   | 1333556-01   | 2-0203-3C                  | 1                        |
| 11-105                                   | 1351615-01   | 2-0203-3A                  | 1                        |
| 11-106                                   | 1334352-01   | 2-0203-4H                  | 1                        |
| 11-107                                   | 1334353-01   | 2-0203-4G                  | 1                        |
| 11-108                                   | 1334351-01   | 2-0203-4C                  | 1                        |
| 11-117                                   | 1359120-01   | 2-0203-2B                  | 1                        |
| 11-118                                   | 1115612-01   | 2-0203-1B                  | 1                        |
| 11-122                                   | PO 475200  | 0-Spare (Target Rock 225)  | 1                        |
| 11-124                                   | PO 478898  | 0-Spare (S/N BK07072)      | 1                        |
| 11-125                                   | PO 478898  | 0-Spare (BY94632)          | 1                        |
| 11-128                                   | PO# 475203   | 0-Spare (S/N BK6264)       | 1                        |
| 12-003                                   | PO 482065  | 0-Spare (S/N 61293/98)     | 1                        |
| 12-004                                   | PO 482065  | 0-Spare (S/N 61293/101)    | 1                        |
| 12-005                                   | PO 482065  | 0-Spare (S/N 61300/61)     | 1                        |
| 12-006                                   | PO 482065  | 0-Spare (S/N 61300/66)     | 1                        |
| 12-007                                   | PO 482065  | 0-Spare (S/N 61300/67)     | 1                        |

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**Table 4.1-1**

| <b>Quad Cities Unit 2<br/>NIS-2 List</b> |  |                               |                          |
|--|--|-------------------------------|--------------------------|
| <b>Program Number</b>                    | <b>Work Request Number<br/>or<br/>Purchase Order</b> | <b>Component EPN</b>          | <b>ASME XI<br/>Class</b> |
| 12-008                                   | PO 482065  | 0-Spare (S/N 61300/68)        | 1                        |
| 12-009                                   | PO 476651  | 0-Spare (S/N<br>01615123/078) | 1                        |
| 12-011                                   | 776083-01  | 2-0203-2D                     | 1                        |
| 12-012                                   | 1524727-01   | 2-0203-1A                     | 1                        |
| 12-013                                   | 1319135-01   | 2-0220-58B                    | 1                        |
| 12-021                                   | 1529316-01   | 2-N11B                        | 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 2  
22710 206<sup>th</sup> 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: 3/2/2006  
Sheet: 1 of 1  
Unit: 2

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

Program No. 05-065 WO 00687492-02  
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: Reactor Vessel, Class I

5. (a) Applicable Construction Code: ASME Sect. III Class A 1965 Edition, Summer 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) |
|-------------------|-----------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Reactor Vessel    | Chicago Bridge & Iron | T22            | N/A           | 2-0201-1             | 1970       | Replacement                        | Yes                           |

7. Description of Work: Replaced reactor vessel flange bolting in accordance with the WO.

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

BH 4-5-2012  
71 15 APR 12  
MR 4/17/12

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 [Signature] Date March 3 20 06  
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 12/14/05 to 3/9/06, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 16 1005  
Inspectors Signature National Board, State, Province, and Endorsements  
Date 3/9 20 06

**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: 3/1/2012  
Sheet: 1 of 1  
Unit: 0
2. Plant: Quad Cities Generating Station  
22710 206th Ave. North, Cordova, IL 61242  
Program No.: 11-028 WO: P.O. 432829 RIN 206593  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: NWS Technologies  
131 Venture Blvd., Spartanburg, SC, 29306  
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 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>Main Steam Safety Valve</u> | <u>Consolidated Safety Valve Div.</u> | <u>BK6266</u>  | <u>N/A</u>    | <u>UTC 2070094</u>   | <u>N/A</u> | <u>Repair / Replacement</u>        | <u>No</u>                     |

7. Description of Work: Replaced guide.

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

9. Remarks: An internal VT-3 examination performed. Pressure test to be performed post-installation.

**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 Di... Date 2/29 20 12  
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 6 MAR 11 to 8 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions 13175 ANI IL2211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 8 MAR 20 12

# 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: 5/18/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-042 & 11-043 WO: 1126985-02 & -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, 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) |
|-------------------|---------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Trigger Assembly  | Conax Buffalo | UTC 2903191    | N/A           | 2-1106B              | N/A        | Replacement                        | No                            |
| Valve Plug        | Conax Buffalo | UTC 2888687    | N/A           | 2-1106B              | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced trigger assembly and valve plug.

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 D. P. Program Engineer Date 5/24 20 12  
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 24 MAR 12 to 27 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Inspectors Signature  
Commissions NS 13175 A N 1 112211  
National Board, State, Province, and Endorsements  
Date 25 MAR 20 12

# 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: 2/29/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 11-047 WO: 1451457-01  
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: Residual Heat Removal, 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>PSA</u>   | <u>UTC 2873689</u> | <u>N/A</u>    | <u>Cat I.D.</u><br><u>1019948-1-1</u> | <u>N/A</u> | <u>Replaced</u>                    | <u>No</u>                     |

7. Description of Work: Replaced end cap.

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 Mattew Ric, Program Eng Mgr Date 2/29 20 12  
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 8 FEB 12 to 14 FEB 12, 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.

Commissions 1813175 AND 112211

National Board, State, Province, and Endorsements

Date 1 MAR 20 12



# 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: 6/11/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-112, 048, 050, 051, 083  
WO: 1307798-01, 22, 53, 54, 57  
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 Recirculation, 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-652-1

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) |
|-------------------|--------------|----------------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Rotating Element  | GE-Hitachi   | UTC 2903141          | N/A           | 2-0202-B             | N/A        | Replacement                        | No                            |
| Stud              | Flowserve    | UTC 2884951, 2886071 | N/A           | 2-0202-B             | N/A        | Replacement                        | No                            |
| Hanger Rod        | Bergen-Power | UTC 2893911          | N/A           | M-1022D-272A         | N/A        | Replacement                        | No                            |
| Thread Rod        | Accutech     | UTC 2718244          | N/A           | 2-0202-B             | N/A        | Replacement                        | No                            |
| Nut               | Nova         | UTC 2869861          | N/A           | 2-0202-B             | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced rotating element and bolting. Overbored damaged casing thread hole #6. Machined Pump flange face.

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 Math. Ding, Program Eng. Manager Date 6/15/2012  
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 21 MAR 12 to 2 APR 12, 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 MB 13175 ANJ 12 2211

National Board, State, Province, and Endorsements

Date 15 Jun 2012

**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: 6/1/2012  
Sheet: 1 of 3  
Unit: 2

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

Program No.: 11-054 thru 11-073 WO: 1357003  
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: ASME Section III Edition: 1965 Addenda: Winter 1965 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| 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 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 Math R. Program Eng Manager Date 6/1 20 12  
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 24 MAR 12 to 28 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 13175 A N 1 11224  
Inspectors Signature National Board, State, Province, and Endorsements

Date 11 JUN 20 12

**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: 6/1/2012  
Sheet: 2 of 3  
Unit: 2

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

Program No.: 11-054 thru 11-073 WO: 1357003  
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: ASME Section III Edition: 1965 Addenda: Winter 1965 Code Case: N/A

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

## 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) |
|--------------------------|--------------------------|-------------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 9561</u>  | <u>N/A</u>    | <u>2-0300-54-47</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 9244</u>  | <u>N/A</u>    | <u>2-0300-06-35</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 299</u>   | <u>N/A</u>    | <u>2-0300-06-43</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 486</u>   | <u>N/A</u>    | <u>2-0300-10-35</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: A2109</u> | <u>N/A</u>    | <u>2-0300-14-15</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 180</u>   | <u>N/A</u>    | <u>2-0300-18-19</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 382</u>   | <u>N/A</u>    | <u>2-0300-22-35</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 9249</u>  | <u>N/A</u>    | <u>2-0300-22-43</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 2063</u>  | <u>N/A</u>    | <u>2-0300-26-15</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: A9705</u> | <u>N/A</u>    | <u>2-0300-34-39</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: A3817</u> | <u>N/A</u>    | <u>2-0300-38-27</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 552</u>   | <u>N/A</u>    | <u>2-0300-38-55</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: A8867</u> | <u>N/A</u>    | <u>2-0300-42-47</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: A3619</u> | <u>N/A</u>    | <u>2-0300-46-07</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 2065</u>  | <u>N/A</u>    | <u>2-0300-46-15</u>  | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

**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: 6/1/2012  
Sheet: 3 of 3  
Unit: 2

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

Program No.: 11-054 thru 11-073 WO: 1357003  
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: ASME Section III Edition: 1965 Addenda: Winter 1965 Code Case: N/A

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

## 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) |
|--------------------------|--------------------------|--|---------------|-----------------------|------------|------------------------------------|-------------------------------|
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 1803</u>   | <u>N/A</u>    | <u>2-0300-46-19</u>   | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 1289</u>   | <u>N/A</u>    | <u>2-0300-50-15</u>   | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 362</u>  | <u>N/A</u>    | <u>2-0300-50-19</u>   | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 533</u>  | <u>N/A</u>    | <u>2-0300-50-39</u>   | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Control Rod Drive</u> | <u>GE Nuclear Energy</u> | <u>S/N: 1855</u>   | <u>N/A</u>    | <u>2-0300-54-15</u>   | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Cap Screws</u>        | <u>Nova</u>              | <u>UTC 2901405,</u><br><u>2877780,</u><br><u>2822995</u> | <u>N/A</u>    | <u>Cat ID 42416-1</u> | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

# 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: 5/31/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-076 WO: 1334350-01  
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 / ASME Section III Edition: 1967 / 1965 Addenda: N/A / 1968 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) |
|-------------------|-------------------|-------------------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Valve             | Cons Safety Valve | S/N BK6318              | N/A           | 2-0203-4D            | N/A        | Replacement                        | No                            |
| Stud              | Nova              | UTC 2900361             | N/A           | 2-0203-4D            | N/A        | Replacement                        | No                            |
| Hydranut          | Nova              | UTC 2908999,<br>2885680 | N/A           | 2-0203-4D            | N/A        | Replacement                        | No                            |
| Hex Nuts          | Accutech          | UTC 2900506             | N/A           | 2-0203-4D            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

## 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 Mathew Ricci, Program Eng Manager Date 6/4 20 12  
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 21 MAR 12 to 31 MAR 12, 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.

Commissions 7813175 A N 1 IL 2211

National Board, State, Province, and Endorsements

Date 7 Jun 20 12

# 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: 4/1/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-084 WO: 1361872-01  
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 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2900189    | N/A           | 2-3001-A56           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Ricci, Program Eng Mgr Date 4/30 20 12  
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 17 MAR 12 to 24 MAR 12, 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.

Commissions NB 17175 AN 1 IL 2211

Inspectors Signature

National Board, State, Province, and Endorsements

Date 1 MAR 20 12

**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: 3/28/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-085 WO: 1361877-01  
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 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2900192    | N/A           | 2-3001-B61           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

**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 Ricci, Program Eng Mgr Date 4/29 20 12  
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 17 MAR 12 to 23 MAR 12, 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.

Commissions NB 13175 A N 1 IL 2211

Inspectors Signature

National Board, State, Province, and Endorsements

Date 30 APR 20 12

**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: 3/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-086 WO: 1361860-01  
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: Residual Heat Removal, 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) |
|-------------------|---------------------------------|--------------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| <u>Snubber</u>    | <u>Pacific Scientific Co.</u>   | <u>UTC 2900212</u> | <u>N/A</u>    | <u>2-1025-101</u>    | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Taper Pin</u>  | <u>Anvil International, Inc</u> | <u>UTC 2884833</u> | <u>N/A</u>    | <u>2-1025-101</u>    | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced snubber and taper pin.

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

9. Remarks: Performed VT-3 on replaced snubber.

**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 Mathew Rini, Program Eng Mgr Date 4/29 20 12  
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 14 MAR 12 to 14 MAR 12, 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.

Commissions NB 13175 4 N 1 IL 2211

National Board, State, Province, and Endorsements

Date 30 APR 12 20 12



# 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: 4/8/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-087 WO: 1361863-01  
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, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900210    | N/A           | 2-2306-114           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Math. R. Program Eng Mgr Date 5/1 20 12  
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 14 MAR 12 to 14 MAR 12, 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.

Commissions N/A 13175 A N I IL 2211

National Board, State, Province, and Endorsements

Date 2 MAY 20 12

# 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: 3/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-088 WO: 1361865-01  
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: Residual Heat Removal, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900204    | N/A           | 2-1016-A122          | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Mathew Riccio, Program Eng Mgr Date 4/30 20 12  
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 15 MAR 12 to 16 MAR 12, 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.

Commissions NB1375 A N 1 122211

National Board, State, Province, and Endorsements

Date 1 MAY 20 12

# 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: 3/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-089 WO: 1361867-01  
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: Residual Heat Removal, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900199    | N/A           | 2-1016-A123          | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Matha Di, Program Eng Mgr Date 4/30 20 12  
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 15 MAR 12 to 16 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NR 13175 A N 1 IL 2211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 1 MAY 20 12

# 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: 3/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-090 WO: 1361871-01  
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 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2900195    | N/A           | 2-0203-28            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Mathew Bi, Program Eng Mgr Date 4/30 20 12  
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 17 APR 12 to 21 APR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions MB13175 A N 1 IL2211  
National Board, State, Province, and Endorsements

Date 1 MAY 20 12

**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: 4/1/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-091 WO: 1361881-01

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 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2900194    | N/A           | 2-3001-D72           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

**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 D. [Signature] Date 4/30 20 12  
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 17 MAR 12 to 21 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NB3175 R N 1 122211

National Board, State, Province, and Endorsements

Date 1 MAY 20 12

# 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: 4/8/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-092 WO: 1361846-01  
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 Recirculation, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900206    | N/A           | 2-0202-B19           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Math. B. Program Eng Mgr Date 4/30 20 12  
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 17 MAR 12 to 28 MAR 12, 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 Date 1 MAR 20 12  
Commissions N/A 13175 A N 1 IL 2211  
National Board, State, Province, and Endorsements

# FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

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

Date: 4/8/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-093 WO: 1361847-01  
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 Recirculation, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900208    | N/A           | 2-0202-B25           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Mathew De, Program Eng Mgr Date 5/1 20 12  
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 23 MAR 12 to 26 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NIS13175 A N 1 IL 22A  
Inspectors Signature National Board, State, Province, and Endorsements

Date 2 MAY 20 12

# 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: 4/8/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-094 WO: 1361848-01  
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 Recirculation, 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) |
|-------------------|------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co. | UTC 2900207    | N/A           | 2-0202-B24           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Mathew D. Program Eng Mgr Date 5/1 20 12  
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 21 MAR 12 to 23 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspectors Signature

Commissions JB 13175 A N 1 IL 2211

National Board, State, Province, and Endorsements

Date 2 MAY 20 12



# 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: 3/26/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-095 WO: 1361853-01  
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: Core Spray, 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>Lisega</u> | <u>UTC 2907667</u> | <u>N/A</u>    | <u>2-1403-1</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: Performed VT-3 on replaced snubber.

## 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 Mathew R. Program Eng Mgr Date 4/29 20 12  
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 19 MAR 12 to 23 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspectors Signature

Commissions NB 13175 AN 1 IL 2211

National Board, State, Province, and Endorsements

Date 30 APR 20 12

**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: 3/26/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-096 WO: 1361854-01

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: Core Spray, 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>Lisega</u> | <u>UTC 2907669</u> | <u>N/A</u>    | <u>2-1403-2</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: Performed VT-3 on replaced snubber.

**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, Program Eng Mgr Date 4/29 20 12  
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 19 MAR 12 to 23 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB3175 AN 1 IL 2211

National Board, State, Province, and Endorsements

Date 30 APR 20 12

# 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: 3/26/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-097 WO: 1361855-01  
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: Residual Heat Removal, 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2907672    | N/A           | 2-1012-A6            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 Ryan, Program Eng Mgr Date 4/29 20 12  
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 21 MAR 12 to 23 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 13175 A N I IL 2211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 30 APR 20 12

# 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: 3/28/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-098 WO: 1361856-01  
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: Residual Heat Removal, 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | UTC 2910903    | N/A           | 2-1012-B7            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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, Program Eng Mgr Date 4/29 20 12  
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 22 MAR 12 to 23 MAR 12, 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 NB 13175 ANI IL 2211

National Board, State, Province, and Endorsements

Date 30 APR 20 12

# 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: 5/2/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-099 WO: 1361849-01  
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 Recirculation, 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>Pacific Scientific Co.</u> | <u>UTC 2900209</u> | <u>N/A</u>    | <u>2-0201-A29</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: Performed VT-3 on replaced snubber.

## 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, Program Eng Mgr Date 5/2 20 12  
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 17 MAR 12 to 23 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 13175 AND IL 2211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 2 MAR 20 12

# 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: 3/28/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-100 WO: 1361859-01  
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: Residual Heat Removal, 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) |
|-------------------|--------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Pacific Scientific Co.   | UTC 2873689    | N/A           | 2-1025-99            | N/A        | Replacement                        | No                            |
| Taper Pin         | Anvil International, Inc | UTC 2884833    | N/A           | 2-1025-99            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced snubber and taper pin.

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

9. Remarks: Performed VT-3 on replaced snubber.

## 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 R. Program Eng Mgr Date 4/29/12 20 12  
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 13 MAR 12 to 14 MAR 12, 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.

Commissions NA 13175 A NJ IL 2211

National Board, State, Province, and Endorsements

Date 30 APR 20 12

**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: 5/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-101, 12-018 WO: 880895-07, 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, 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-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>Nut</u>        | <u>Nova</u>         | <u>UTC 2904538</u> | <u>N/A</u>    | <u>2-2306-24"</u>    | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Coupling</u>   | <u>Consolidated</u> | <u>UTC 2869159</u> | <u>N/A</u>    | <u>2-2363-2"</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>U-bolt</u>     | <u>Anvil</u>        | <u>UTC 2883691</u> | <u>N/A</u>    | <u>2-2363-2"</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced nuts, couplings, and a u-bolt.

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 R. Ryan, Program Eng Mgr Date 5/30 20 12  
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 20 MAR 12 to 17 APR 12, 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 NB 13175 A N 1 12-22-11

National Board, State, Province, and Endorsements

Date 31 JUN 20 12

# 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: 5/31/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-102 WO: 1334358-01  
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 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) |
|-------------------|--------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Valve             | Dresser Industries | S/N BK7072     | N/A           | 2-0203-3D            | N/A        | Replacement                        | No                            |
| Stud              | Nova               | UTC 289949879  | N/A           | 2-0203-3D            | N/A        | Replacement                        | No                            |
| Hydrant           | Nova               | UTC 2894161    | N/A           | 2-0203-3D            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

## 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, Program Eng Manager Date 6/5 20 12  
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 22 MAR 12 to 31 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 0175 APR 1 12 22  
Inspectors Signature National Board, State, Province, and Endorsements

Date 7 Jun 20 12



**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: 5/30/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-104 WO: 1333556-01  
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>Valve</u>      | <u>Dresser Industries</u> | <u>S/N BK7062</u>           | <u>N/A</u>    | <u>2-0203-3C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Stud</u>       | <u>Nova</u>               | <u>UTC 2899498-87</u>       | <u>N/A</u>    | <u>2-0203-3C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hydranut</u>   | <u>Nova</u>               | <u>UTC 2906827, 2908998</u> | <u>N/A</u>    | <u>2-0203-3C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

**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 J. Program Eng Manager Date 5/31 20 12  
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 22 May 12 to 31 May 12, 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.

Commissions NB 13175 A N 1 1L2211

National Board, State, Province, and Endorsements

Date 7 Jun 20 12

**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: 5/31/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-105 WO: 1351615-01  
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 I

5. (a) Applicable Construction Code: ASME Section III Edition: 1968 Addenda: Winter 1968 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>Valve</u>      | <u>Target Rock</u> | <u>S/N 120</u>              | <u>N/A</u>    | <u>2-0203-3A</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Stud</u>       | <u>Nova</u>        | <u>UTC 2877296, 2907414</u> | <u>N/A</u>    | <u>2-0203-3A</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hydranut</u>   | <u>Nova</u>        | <u>UTC 2908996, 2906828</u> | <u>N/A</u>    | <u>2-0203-3A</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hex Nut</u>    | <u>Various</u>     | <u>UTC 2904187, 2882245</u> | <u>N/A</u>    | <u>2-0203-3A</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

**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 J. R. Date 6/4 20 12  
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 22 MAR 12 to 31 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 13175 A 21 IL 2211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 7 Jun 20 12

**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: 5/30/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-106 WO: 1334352-01

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 / ASME Section III Edition: 1967 / 1965 Addenda: N/A / 1968 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>Valve</u>      | <u>Cons Safety Valve</u> | <u>S/N BK6251</u>  | <u>N/A</u>    | <u>2-0203-4H</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Stud</u>       | <u>Nova</u>              | <u>UTC 2900361</u> | <u>N/A</u>    | <u>2-0203-4H</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hydranut</u>   | <u>Nova</u>              | <u>UTC 2908999</u> | <u>N/A</u>    | <u>2-0203-4H</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hex Nuts</u>   | <u>Accutech</u>          | <u>UTC 2900506</u> | <u>N/A</u>    | <u>2-0203-4H</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

**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 Mattie Ricci, Program Eng Manager Date 5/31 20 12  
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 21 MAR 12 to 31 MAR 12, 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.

Commissions NB13175 A N 1 IL 2211

National Board, State, Province, and Endorsements

Date 7 Jun 20 12

# 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: 5/30/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-107 WO: 1334353-01  
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 / ASME Section III Edition: 1967 / 1965 Addenda: N/A / 1968 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) |
|-------------------|-------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Valve             | Cons Safety Valve | S/N BL1120     | N/A           | 2-0203-4G            | N/A        | Replacement                        | No                            |
| Stud              | Nova              | UTC 2900361    | N/A           | 2-0203-4G            | N/A        | Replacement                        | No                            |
| Hydranut          | Nova              | UTC 2736367    | N/A           | 2-0203-4G            | N/A        | Replacement                        | No                            |
| Hex Nuts          | Nova              | UTC 2740332    | N/A           | 2-0203-4G            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

## 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 Math 72, Program Eng Manager Date 5/31/2012  
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 21 MAR 12 to 31 MAR 12, 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 NB13175 A N 1 IL 2211  
National Board, State, Province, and Endorsements

Date 7 Jun 20 12

**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: 5/29/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-108 WO: 1334351-01

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 / ASME Section III Edition: 1967 / 1965 Addenda: N/A / 1968 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>Valve</u>      | <u>Cons Safety Valve</u> | <u>S/N BK6266</u>  | <u>N/A</u>    | <u>2-0203-4C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Stud</u>       | <u>Nova</u>              | <u>UTC 2900361</u> | <u>N/A</u>    | <u>2-0203-4C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hydranut</u>   | <u>Nova</u>              | <u>UTC 2908999</u> | <u>N/A</u>    | <u>2-0203-4C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |
| <u>Hex Nuts</u>   | <u>Accutech</u>          | <u>UTC 2900506</u> | <u>N/A</u>    | <u>2-0203-4C</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced valve and bolting.

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

9. Remarks: Performed VT-1 on bolting.

**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 Mathew Rice, Program Eng Manager Date 5/31 2012  
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 21 MAR 12 to 31 MAR 12, 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.

Commissions NB 13175 A N 1 12 2211

National Board, State, Province, and Endorsements

Date 7 Jun 20 12

# 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: 4/13/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-117 WO: 1359120-01  
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 Edition: 1955 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) |
|------------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Plug and Stem Assembly | Crane        | UTC 2848733    | N/A           | 2-0203-2B            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced plug and stem 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 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 Mathew D. Program Eng. Mgr Date 5/1 20 12  
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 27 MAR 12 to 3 APR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI.

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

[Signature]  
Inspector's Signature

Commissions NB 13175 A N 1 IL 7211

National Board, State, Province, and Endorsements

Date 2 MAY 20 12

**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: 6/7/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 11-118 WO: 1115612-01  
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 Edition: 1955 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>Plug &amp; Stem Assembly</u> | <u>Crane</u> | <u>UTC 2681932</u> | <u>N/A</u>    | <u>2-0203-1B</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced plug and stem assembly.

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

9. Remarks: LLRT performed.

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and this 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 Math Dr. Program Eng Manager Date 6/13 20 12  
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 22 MAR 12 to 2 APR 12, 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 NB CS 15 A N 1 16 220

National Board, State, Province, and Endorsements

14 JUN 20 12

# 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: 3/1/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 11-122 WO: P.O. 475200 RIN 206595  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: NWS Technologies  
131 Venture Blvd., Spartanburg, SC, 29306

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: 1968 Addenda: Winter 1968 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Target Rock Valve | Target Rock  | 225            | N/A           | UTC 2887058          | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Drilled two thermowells and machined inlet / outlet face and tongue.

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

9. Remarks: An internal VT-3 examination performed. Pressure test to be performed post-installation.

## 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 Math R. Program Eng Mgr Date 2/29 20 12  
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 17 FEB 12 to 15 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector Signature Commissions NB 13175 A N 1 IL 2211  
National Board, State, Province, and Endorsements

Date 15 MAR 20 12



# 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: 3/1/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 11-124 WO: P.O. 478898 RIN 206594  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: NWS Technologies  
131 Venture Blvd., Spartanburg, SC, 29306

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 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) |
|---------------------------|------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Electromatic Relief Valve | NWS Technologies | BK07072        | N/A           | UTC 2056410          | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Removal of cracked cage welds and helical-coil repairs.

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

9. Remarks: An internal VT-3 examination performed. Pressure test to be performed post-installation.

## 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 Math B, Program Eng Mgr Date 2/8 20 12  
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 27 Jan 12 to 8 Mar 12, 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 N8 13175 A N 1 IL 224

National Board, State, Province, and Endorsements

Date 8 Mar 20 12

# 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: 3/1/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 11-125 WO: P.O. 478898 RIN 206594  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: NWS Technologies  
131 Venture Blvd., Spartanburg, SC, 29306

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      | BY94632        | N/A           | UTC 2712404          | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Removal of cracked cage welds and machined inlet flange face.

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

9. Remarks: An internal VT-3 examination performed. Pressure test to be performed post-installation.

## 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 De... Date 2/29 20 12  
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 17 FEB 12 to 15 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspectors Signature

Commissions NB13175 A N1 162211

National Board, State, Province, and Endorsements

Date 15 MAR 20 12

# 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: 3/1/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 11-128 WO: P.O. 475203 RIN 206588  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: NWS Technologies  
131 Venture Blvd., Spartanburg, SC, 29306

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 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) |
|-------------------------|--------------------------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Main Steam Safety Valve | Consolidated Safety Valve Div. | BK6264         | N/A           | UTC 2070092          | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Replaced valve body / base assembly.

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

9. Remarks: An internal VT-3 examination performed. Pressure test to be performed post-installation.

## 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 Mattie D. R. Program Eng Mgr Date 2/29 20 12  
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 FEB 12 to 8 MAR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NB 13175 ANI IL 2211

National Board, State, Province, and Endorsements

Date 8 MAR 20 12

# 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: 2/28/2012  
Sheet: 1 of 1  
Unit: 0
2. Plant: Quad Cities Generating Station  
22710 206th Ave. North, Cordova, IL 61242  
Program No.: 12-003 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL  
Type Code Symbol Stamp: None  
Authorization No.: None  
Expiration Date: N/A
4. Identification of System: Spare Snubber, Class 1 BH 3/1/12
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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | S/N 61293/98   | N/A           | N/A                  | N/A        | Repair / Replacement               | No                            |

## 7. Description of Work: Replaced threaded head assembly.

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

## 9. Remarks: Functional test. VT-3 to be performed post-installation.

### 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 D. G. Program Eng. Mgr Date 3/1 20 12  
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 Dec 11 to 10 Jan 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions 1813175 AND 112211

National Board, State, Province, and Endorsements

Date 1 MAR 20 12

# 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: 2/28/2012  
Sheet: 1 of 1  
Unit: 0
2. Plant: Quad Cities Generating Station  
22710 206th Ave. North, Cordova, IL 61242  
Program No.: 12-004 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL  
Type Code Symbol Stamp: None  
Authorization No.: None  
Expiration Date: N/A
4. Identification of System: Spare Snubber, Class 1 BH 3/1/12
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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | S/N 61293/101  | N/A           | N/A                  | N/A        | Repair / Replacement               | No                            |

## 7. Description of Work: Replaced threaded head assembly.

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

## 9. Remarks: Functional test. VT-3 to be performed post-installation.

### 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 Math. Ric. Program Eng. Mgr. Date 3/1 20 12  
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 1/28/12 to 10/28/12, 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 PB 13175 A 11 112211

National Board, State, Province, and Endorsements

Date: MAR 20 12

# 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: 2/28/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 12-005 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL

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

4. Identification of System: Spare Snubber, Class 1 BH 3/1/12

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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | S/N 61300/61   | N/A           | N/A                  | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Replaced threaded head assembly.

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

9. Remarks: Functional test. VT-3 to be performed post-installation.

## 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, Program Eng Mgr. Date 2/29 20 12  
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 DEC 11 to 17 JAN 12, 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 NB 13175 B 31 1L 2211

National Board, State, Province, and Endorsements

Date 1 MAR 20 12

# 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: 2/28/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 12-006 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL

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

4. Identification of System: Spare Snubber, Class 1 BH 3/12

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>Lisega</u> | <u>S/N 61300/66</u> | <u>N/A</u>    | <u>N/A</u>           | <u>N/A</u> | <u>Repair / Replacement</u>        | <u>No</u>                     |

7. Description of Work: Replaced threaded head assembly.

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

9. Remarks: Functional test. VT-3 to be performed post-installation.

## 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 Math Di Program Eng Mgr Date 2/29 20 12  
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 2/28/12 to 2/28/12, 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.

Math Di  
Inspectors Signature

Commissions NR 13175-A 11 11 2211

National Board, State, Province, and Endorsements

Date 1 MAR 20 12

# 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: 2/28/2012  
Sheet: 1 of 1  
Unit: 0
2. Plant: Quad Cities Generating Station  
22710 206th Ave. North, Cordova, IL 61242  
Program No.: 12-007 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL  
Type Code Symbol Stamp: None  
Authorization No.: None  
Expiration Date: N/A
4. Identification of System: Spare Snubber, Class 1 BH 3/12
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>Lisega</u> | <u>S/N 61300/67</u> | <u>N/A</u>    | <u>N/A</u>           | <u>N/A</u> | <u>Repair / Replacement</u>        | <u>No</u>                     |

## 7. Description of Work: Replaced threaded head assembly.

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

## 9. Remarks: Functional test. VT-3 to be performed post-installation.

### 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 Mattie D.R. Program Eng Mgr Date 2/29 20 12  
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 29 Nov 11 to 19 Jan 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NRB3175 A N 1 IL 2211  
Inspectors Signature National Board, State, Province, and Endorsements  
Date 1 Mar 20 12



# 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: 3/05/2012  
Sheet: 1 of 1  
Unit: 0
2. Plant: Quad Cities Generating Station  
22710 206th Ave. North, Cordova, IL 61242  
Program No.: 12-008 WO: P.O. 00482065; RIN 206149  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL  
Type Code Symbol Stamp: None  
Authorization No.: None  
Expiration Date: N/A
4. Identification of System: Spare Snubber, 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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | S/N 61300/68   | N/A           | N/A                  | N/A        | Repair / Replacement               | No                            |

## 7. Description of Work: Replaced threaded head assembly and cylinder.

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

## 9. Remarks: Functional test. VT-3 to be performed post-installation.

### 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 Math R. Program Eng Manager Date 3/7 20 12  
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 3/5/12 to 7/5/12, 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.

Commissions 15175 A P L IL 2211

National Board, State, Province, and Endorsements

Date 7 MAR 12 20

# 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: 3/05/2012  
Sheet: 1 of 1  
Unit: 0

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

Program No.: 12-009 WO: P.O. 00476651; RIN 206418  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by: Wyle Laboratories  
7800 Highway 20 West, Huntsville, AL

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

4. Identification of System: Spare Snubber, 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) |
|-------------------|--------------|--------------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Snubber           | Lisega       | S/N<br>01615123/78 | N/A           | N/A                  | N/A        | Repair / Replacement               | No                            |

7. Description of Work: Replaced threaded head assembly.

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

9. Remarks: Functional test. VT-3 to be performed post-installation.

## 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 Math DR, Program Eng Manager Date 3/7 20 12  
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 Jan 12 to 20 Jan 12, 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 NB 13175 A N 1 IL 2211

National Board, State, Province, and Endorsements

Date 7 MAR 20 12

**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: 6/7/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 12-011 WO: 776083-01  
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 Edition: 1955 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>Plug &amp; Stem Assembly</u> | <u>Crane</u> | <u>UTC 2910951</u> | <u>N/A</u>    | <u>2-0203-2D</u>     | <u>N/A</u> | <u>Replacement</u>                 | <u>No</u>                     |

7. Description of Work: Replaced plug and stem assembly.

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

9. Remarks: LLRT performed.

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and this 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 Mattie King, Program Eng Manager Date 6/8 20 12  
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 21 MAR 12 to 2 APR 12, 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.

Commissions 1813175 A N 1 12211

National Board, State, Province, and Endorsements

Inspectors Signature

11 JUN

20 12

# 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: 6/7/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 12-012 WO: 1524727-01  
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 Edition: 1955 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) |
|----------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Plug & Stem Assembly | Crane        | UTC 2703687    | N/A           | 2-0203-1A            | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced plug and stem assembly.

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

9. Remarks: LLRT performed.

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this 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 Mathew D. Li, Program Eng Manager Date 6/12 20 12  
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 23 MAR 12 to 1 APR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspectors Signature

Commissions 181375 A N 1 1L 2211

National Board, State, Province, and Endorsements

14 JUN 20 12

# 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: 6/7/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 12-013 WO: 1319135-01  
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: Feed Water, 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-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) |
|--------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Seat Ring Assembly | Crane        | UTC 2829196    | N/A           | 2-0220-58B           | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced seat ring assembly.

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

9. Remarks: LLRT performed.

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this 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, Program Eng Manager Date 6/11 20 12  
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 27 MAR 12 to 2 APR 12, 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 NB 3175 A N 1 IL 2211  
National Board, State, Province, and Endorsements  
14 JUL 20 12

# 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: 6/11/2012  
Sheet: 1 of 1  
Unit: 2

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

Program No.: 12-021 WO: 1529316-01  
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: Section III Edition: 1965 Addenda: Summer 1965 Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: Edition: 1995 Addenda: 1996 Code Case: N-416-3, N-638-4, N-405-1

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) |
|-------------------|--------------|----------------|---------------|----------------------|------------|------------------------------------|-------------------------------|
| Nozzle            | AREVA        | UTC 2912572    | N/A           | 2-N11B               | N/A        | Replacement                        | No                            |
| Reducer Coupling  | Various      | UTC 2912360    | N/A           | 2-N11B               | N/A        | Replacement                        | No                            |

7. Description of Work: Replaced nozzle and reducer coupling.

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 R. Program Engineer Date 6/14 20 12  
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 APR 12 to 15 APR 12, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions MS1575 A N1 12211  
Inspectors Signature National Board, State, Province, and Endorsements

Date 15 Jun 20 12