ISI Summary Report
Limerick Generating Station Unit 1
Refueling Outage: 1R14
Commercial Service Date: February 1, 1986

Examination Dates
April 13, 2010 to March 22, 2012

Owner: Exelon Generating Company, LLC
200 Exelon Way
Kennett Square, PA 19348

Plant: Limerick Generating Station
3146 Sanatoga Road
Pottstown, PA 19464

Report Completion Date: 6/15/12

Prepared By: _____

Reviewed By: _____

Reviewed By: _____

Approved By: _____

Table Of Contents

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

1. Owner: Exelon Generation Company, LLC, 200 Exelon Way, Kennett Square, PA 19348
(Name and Address of Owner)

2. Plant: Limerick Generating Station, 3146 Sanatoga Road, Pottstown, PA 19464
(Name and Address of Plant)

3. Plant Unit: 1

4. Owner Certificate of Authorization (if required): N/A

5. Commercial Service Date: February 1, 1986

6. National Board Number for Unit: 3908

7. Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Nuclear Reactor				
Vessel	Chicago Bridge & Iron Co.	T31	B116767	NB3908
Primary Containment	Bechtel/			
Vessel	Chicago Bridge & Iron Co.	*	482256V	PASPEC5225
Class 1, 2, & 3				
Piping Systems				
& Supports	*	*	*	*

* Traceability per Form N-5 Data Report, Design Specification and Line Number.

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

This Form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-1 (Back)

8. Examination Dates April 13, 2010 to March 22, 2012

9. Inspection Period Identification: Period No. 2

10. Inspection Interval Identification: Third Interval, Inspection Program B (ISI); Second Interval, Inspection Program B (CISI)

11. Applicable Edition of Section XI 2001 Addenda 2003 and Erratum

12. Date/Revision of Inspection Plan: Procedure ER-LG-330-1001, Revision 4

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

    Refer to Section 1, Summary of In-Service Inspection Results

14. Abstract of Results of Examinations and Tests.

    Refer to Section 2, Summary of Reportable Conditions Observed

15. Abstract of Corrective Measures.

    Refer to Section 3, Summary of ASME Section XI Repairs and Replacements

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 rules of the ASME Code, Section XI.

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

Date 6/15/12 Signed Exelon Generation Co., LLC By _____
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period April 13, 2010 to March 22, 2012, 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.

_____ Commissions NB 13977, A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 15, 2012

Introduction

Examination Period and Requirements

During the period from April 13, 2010 to March 22, 2012 In-Service Inspections were performed at Limerick Generating Station Unit 1. Unit 1 was shutdown for the fourteenth refuel outage during the period of February 20, 2012 through March 22, 2012.

The examinations of the Reactor Pressure Vessel and Class 1, 2, and 3 Piping Systems and Supports were completed in accordance with ASME Section XI, 2001 Edition with the 2003 Addenda and Erratum. These examinations will be credited towards the second period of the third ten-year Inservice Inspection (ISI) interval.

The examinations of the Primary Containment Vessel Class MC and CC Components were performed in accordance with the requirements of ASME Section XI, 2001 Edition with the 2003 Addenda and Erratum. The inspections performed during this period were credited towards the second period of the second ten-year Containment Inservice Inspection (CISI) interval.

In addition to ASME Section XI, Augmented In-Service Inspections were performed in accordance with the following regulatory requirements and industry guidance.

Generic Letter 88-01	Intergranular Stress Corrosion Cracking
NUREG-0800	No Break Boundaries
GE SIL No 455	Recommendation for Additional ISI of Alloy 182 Nozzle Weldments
FSAR Table 3.2-1	Non-Q RPV Internal Components
BWRVIP-18, Rev 1	Core Spray Internals Inspection and Flaw Evaluation Guideline
BWRVIP-41, Rev 3	Jet Pump Inspection and Flaw Evaluation Guideline
BWRVIP-42-A	LPCI Coupling Inspection and Flaw Evaluation Guideline
BWRVIP-48-A	Pressure Vessel ID Attachment Welds Inspection and Flaw Evaluation Guideline
BWRVIP-75-A	Technical Basis for Revision to Generic Letter 88-01 Inspection Schedules
BWRVIP-76, Rev 1	Core Shroud Inspection and Flaw Evaluation Guideline
BWRVIP-139-A	Steam Dryer Inspection and Flaw Evaluation Guideline
BWRVIP-180	Access Hole Cover Inspection and Flaw Evaluation Guideline
BWRVIP-183	Top Guide Inspection and Flaw Evaluation Guideline
BWRVIP-222	Accelerated Inspection Program for BWRVIP-75-A Category C Dissimilar Metal Welds containing Alloy 182

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
BB	600210	B-A	XI	UT	99.3	RI	2/25/2012	XI-RPV-1
Shell Ring No. 1 Vertical Seam Weld	1	B1.12						5 Indications- acceptable per IWB-3000
BC	600230	B-A	XI	UT	98.2	RI	2/23/2012	XI-RPV-1
Shell Ring No. 1 Vertical Seam Weld	1	B1.12						1 Indication- acceptable per IWB-3000
BD	600250	B-A	XI	UT	100	RI	2/25/2012	XI-RPV-1
Shell Ring No. 2 Vertical Seam Weld	1	B1.12						6 Indications- acceptable per IWB-3000
BF	600290	B-A	XI	UT	86.9	RI	2/23/2012	XI-RPV-1
Shell Ring No. 2 Vertical Seam Weld	1	B1.12						4 Indications- acceptable per IWB-3000
BG	600310	B-A	XI	UT	94.6	RI	2/29/2012	XI-RPV-1
Shell Ring No. 3 Vertical Seam Weld	1	B1.12						1 Indication- acceptable per IWB-3000
AJ	600450	B-A	XI	UT	100	NRI	2/25/2012	XI-RPV-1
Bottom Head Dollar Plate Weld	1	B1.21						Inspected 180 to 360 degrees
DA	600470	B-A	XI	UT	84.3	NRI	2/24/2012	XI-RPV-1
Bottom Head Weld	1	B1.22						
DB	600480	B-A	XI	UT	84.3	NRI	2/24/2012	XI-RPV-1
Bottom Head Weld	1	B1.22						
DC	600490	B-A	XI	UT	84.3	NRI	2/24/2012	XI-RPV-1
Bottom Head Weld	1	B1.22						
DM	600610	B-A	XI	UT	100	NRI	2/25/2012	XI-RPV-1
Closure Head Weld	1	B1.22						
N1A-IR	600650	B-D	XI	UT	100	NRI	2/28/2012	XI-RPV-1
Recirculation Outlet "A" Loop Nozzle Inside Radius Section	1	B3.100						
N4A-IR	601130	B-D	XI	UT	100	NRI	2/26/2012	XI-RPV-1
Feedwater "A" Loop Nozzle Inside Radius Section	1	B3.100						
N4E-IR	601250	B-D	XI	UT	100	NRI	2/26/2012	XI-RPV-1
Feedwater "E" Loop Nozzle Inside Radius Section	1	B3.100						
N4F-IR	601280	B-D	XI	UT	100	NRI	2/26/2012	XI-RPV-1
Feedwater "F" Loop Nozzle Inside Radius Section	1	B3.100						
N1A	600640	B-D	XI	UT	91.4	RI	2/27/2012	XI-RPV-1
Recirculation Outlet "A" Loop Nozzle to Vessel Weld	1	B3.90						9 Indications- acceptable per IWB-3000

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
N4A	601120	B-D	XI	UT	95.6	RI	2/28/2012	XI-RPV-1
Feedwater "A" Loop Nozzle to Vessel Weld	1	B3.90						1 Indication- acceptable per IWB-3000
N4E	601240	B-D	XI	UT	95.6	RI	2/25/2012	XI-RPV-1
Feedwater "E" Loop Nozzle to Vessel Weld	1	B3.90						1 Indication- acceptable per IWB-3000
N4F	601270	B-D	XI	UT	95.6	NRI	2/26/2012	XI-RPV-1
Feedwater "F" Loop Nozzle to Vessel Weld	1	B3.90						
RPV CLOSURE HEAD NUTS	602340	B-G-1	XI	VT-1	100	NRI	2/29/2012	XI-RPV-1 PG. 3
Nuts SN 1 - SN 76 - Bolting > 2 IN. Dia.	1	B6.10						Examined nuts 27 though 52
RPV CLOSURE STUDS	602350	B-G-1	XI	UT	100	NRI	2/21/2012	XI-RPV-1 PG. 3
Studs SN 1 - SN 76 - Bolting > 2 IN. DIA.	1	B6.20						Examined studs 27 through 52
RRA-P-C001A Nuts	108352	B-G-1	XI	VT-1	100	NRI	2/27/2012	XI-1P-201
16 Pump Casing Nuts	1	B6.200						
THREADED HOLES IN RPV FLANGE	602370	B-G-1	XI	UT	91.6	NRI	2/22/2012	XI-RPV-1 PG. 3
Holes SN1 - SN 76 - Bolting > 2 IN. Dia.	1	B6.40						Examined threaded holes 27 through 52
RPV CLOSURE WASHERS	602380	B-G-1	XI	VT-1	100	NRI	2/29/2012	XI-RPV-1 PG. 3
Washers SN 1 - SN 76 - Bolting > 2 IN. Diameter	1	B6.50						Examined washers 27 through 52
CRD HOUSING FLANGE BOLTING	600000	B-G-2	XI	VT-1	100	NRI	2/14/2012	XI-BE-5 PG. 1
185 CRD Housing Flanges - 8 Cap Screws per Flange	1	B7.80						Control Rod Drives replaced: 10-15, 10-47, 14-43, 18-35, 18-51, 18-55, 22-19, 26-03, 26-11, 26-35, 34-35, 34-47, 38-07, 42-47, 42-55, 46-11, 50-47, 54-19, and 58-19 O-rings replaced: 50-15 and 54-31
CG	602530	B-K	XI	MT	100	NRI	2/23/2012	XI-RPV-1 PG. 3
Skirt Knuckle to RPV Weld	1	B10.10					N-700	Examined 180 to 360 degrees
FR	602520	B-K	XI	MT	100	NRI	2/23/2012	XI-RPV-1 PG. 3
RPV Weld Build-Up - Integrally Welded Attachment	1	B10.10					N-700	Examined 180 to 360 degrees
DCA-105-H002 (IA)	118180	B-K	XI	PT	100	NRI	3/2/2012	FIG-01-111
Pipe Support, 4 Lugs	1	B10.20						
ST-4-041-952-1		B-P	XI	VT-2	100	NRI	3/5/2012	ST-INDEX
RPV Head Flange Seal Leak Detection System	1	B15.10						Pressure test credited for I-3 P-2.
ST-4-041-950-1		B-P, C-H	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
ISI Pressure Test for all Class 1 Systems and some Class 2 Systems	1,2	B15.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
RHR-HXAR-4	244761	C-A	XI	UT	100	NRI	3/3/2012	XI-1E-205
Shell Ring 1 to Flange Weld	2	C1.10						
RHR-HXAR-N4IR	244801	C-B	XI	UT	25	NRI	3/2/2012	XI-1E-205
Nozzle N4 Inner Radius	2	C2.22						
RHR-HXAR-2-A (IA)	260141	C-C	XI	MT	100	NRI	3/3/2012	XI-1E-205
Heat Exchanger Support, Bot. Mtg. A	2	C3.10						
EBB-135-H002 (IA)	243940	C-C	XI	MT	92.4	NRI	3/3/2012	FIG-06-103
Pipe Support, 4 Lugs	2	C3.20						
EBB-135-H025 (IA)	243950	C-C	XI	MT	96	NRI	2/27/2012	FIG-06-103
Pipe Support, 8 Lugs	2	C3.20						
GBB-112-H001 (IA)	231645	C-C	XI	MT	100	NRI	2/22/2012	FIG-04-106
Pipe Support, # Lugs	2	C3.20						
HBB-117-H018 (IA)	259960	C-C	XI	MT	100	NRI	3/2/2012	FIG-01-103
Pipe Support, 8 Lugs	2	C3.20						
RC-P-PS1 (IA)	243980	C-C	XI	MT	84.1	NRI	2/24/2012	XI-10P-203
Pump Support, Structure	2	C3.30						
RC-P-SWD1	241730	C-G	XI	MT	100	NRI	2/24/2012	XI-10P-203
Outlet Nozzle to Casing Weld	2	C6.10						
RC-P-SWS1	241740	C-G	XI	MT	100	NRI	2/24/2012	XI-10P-203
Inlet Nozzle to Casing Weld	2	C6.10						
ST-4-001-950-1		C-H	XI	VT-2	100	NRI	2/20/2012	ST-INDEX
ISI Inservice Pressure Test of the Main Steam System	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-013-950-1		C-H	XI	VT-2	100	NRI	1/19/2012	ST-INDEX
ISI Inservice Pressure Test of Class II RECW Piping	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-030-950-1		C-H	XI	VT-2	100	NRI	3/13/2012	ST-INDEX
Pass and Containment Atmospheric Control Sample Loops Functional Pressure Test and Contaminated Piping Inspection	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-044-950-1		C-H	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
ISI Inservice Pressure Test of Reactor Water Clean-Up	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-047-952-1		C-H	XI	VT-2	100	NRI	6/30/2011	ST-INDEX
ISI Pressure Test of East Bank of CRD HCU'S	2	C7.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
ST-4-047-953-1		C-H	XI	VT-2	100	NRI	6/30/2011	ST-INDEX
ISI Pressure Test of West Bank of CRD HCU'S	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-048-950-1		C-H	XI	VT-2	100	NRI	9/2/2011	ST-INDEX
ISI Functional Pressure Test of Standby Liquid Control Discharge Piping to Squib Valves	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-048-951-1		C-H	XI	VT-2	100	NRI	3/11/2012	ST-INDEX
ISI Functional Pressure Test of Standby Liquid Control Piping Downstream of Squib Valves	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-048-952-1		C-H	XI	VT-2	100	NRI	8/30/2011	ST-INDEX
ISI Inservice Pressure Test of Standby Liquid Control Suction Piping	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-049-951-1		C-H	XI	VT-2	100	RI	1/4/2012	ST-INDEX
ISI Inservice Pressure Test of RCIC Pump and Turbine Supply	2	C7.10						Leakage identifed at bolted connection IR1293336. Pressure test credited for I-3 P-2.
ST-4-051-955-1		C-H	XI	VT-2	100	NRI	3/7/2012	ST-INDEX
ISI Inservice Pressure Test of RHR Shutdown Cooling	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-052-953-1		C-H	XI	VT-2	100	NRI	9/22/2010	ST-INDEX
ISI Functional Pressure Test of Safeguard Piping Fill Loops A and B	2	C7.10						Pressure test credited for I-3 P-1.
ST-4-055-952-1		C-H	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
ISI Pressure Test of HPCI Discharge to Core Spray	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-061-950-1		C-H	XI	VT-2	100	NRI	3/8/2012	ST-INDEX
ISI Inservice Pressure Test of Liquid Radwaste Collection System	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-087-950-1		C-H	XI	VT-2	100	NRI	11/9/2011	ST-INDEX
ISI Inservice Pressure Test of Class 2 Drywell Chilled Water System Components	2	C7.10						Pressure test credited for I-3 P-2.
ST-4-LLR-222-1		C-H	XI	LLRT	100	NRI	3/7/2012	ST-INDEX
Drywell Purge Supply LLRT, Penetration X-25	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-231-1		C-H	XI	LLRT	100	NRI	3/9/2012	ST-INDEX
Drywell Purge Exhaust LLRT, Penetration X-26	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-232-1		C-H	XI	LLRT	100	NRI	3/6/2012	ST-INDEX
Drywell Purge Exhaust LLRT, Penetration X-26	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
ST-4-LLR-262-1		C-H	XI	LLRT	100	NRI	3/12/2012	ST-INDEX
Drywell H2/O2 Sample LLRT, Penetration X-28A	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-271-1		C-H	XI	LLRT	100	NRI	3/10/2012	ST-INDEX
Drywell H2/O2 Sample LLRT, Penetration X-28B	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-541-1		C-H	XI	LLRT	100	NRI	3/11/2012	ST-INDEX
H2/O2 Sample Return LLRT, Penetration X-62/X-220A	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-571-1		C-H	XI	LLRT	100	NRI	3/8/2012	ST-INDEX
Suppression Pool Purge Supply LLRT, Penetration X-201A	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-572-1		C-H	XI	LLRT	100	NRI	3/8/2012	ST-INDEX
Suppression Pool Purge Supply LLRT, Penetration X-201A/X-25	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-581-1		C-H	XI	LLRT	100	NRI	3/6/2012	ST-INDEX
Suppression Pool Purge Exhaust, Penetration X-202	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-582-1		C-H	XI	LLRT	100	NRI	3/10/2012	ST-INDEX
Suppression Pool Purge Exhaust LLRT, Penetration X-202	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-831-1		C-H	XI	LLRT	100	NRI	3/9/2012	ST-INDEX
Wetwell H2/O2 Sample LLRT, Penetration X-221A	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-LLR-841-1		C-H	XI	LLRT	100	NRI	3/9/2012	ST-INDEX
Wetwell H2/O2 Sample LLRT, Penetration X-221B	2	C7.10						Pressure test credited for I-3 P-2. Relief Request I3R-12
ST-4-042-951-1		C-H, D-B	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
ISI Inservice Pressure Test of Class 2 and 3 Instrument Tubing and Suppression Pool Cleanup Piping	2,3	C7.10, D2.10						Pressure test credited for I-3 P-2.
ST-4-047-951-1		C-H, D-B	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
ISI Pressure Test of Class 2 SCRAM Discharge Volume Components	2,3	C7.10, D2.10						Pressure test credited for I-3 P-2.
ST-4-057-951-1		C-H, D-B	XI	VT-2	100	NRI	3/11/2012	ST-INDEX
A Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	2,3	C7.10, D2.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
ST-4-057-952-1		C-H, D-B	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
B Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	2,3	C7.10, D2.10						Pressure test credited for I-3 P-2.
ST-4-059-955-1		C-H, D-B	XI	VT-2	100	NRI	3/14/2012	ST-INDEX
Service Air & PCIG Drywell Piping Inservice Test	2,3	C7.10, D2.10						Pressure test credited for I-3 P-2.
GBC-101-H029 (IA)	374140	D-A	XI	VT-1	100	NRI	2/28/2012	GBC-101-013
Pipe Support, 4 Lugs	3	D1.20						
GBC-101-H044 (IA)	374220	D-A	XI	VT-1	100	NRI	2/28/2012	GBC-101-5
Pipe Support, 4 Lugs	3	D1.20						
GBC-103-H004 (IA)	379650	D-A	XI	VT-1	100	NRI	3/2/2012	GBC-103-1
Pipe Support, 4 Lugs	3	D1.20						
HBC-192-H904 (IA)	368660	D-A	XI	VT-1	100	NRI	2/22/2012	HBC-192-4
Pipe Support, Anchor Sleeve	3	D1.20						
ST-4-011-955-0		D-B	XI	VT-2	100	NRI	8/8/2011	ST-INDEX
ISI Functional Pressure Test of Emergency Service Water Pump C	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-011-956-0		D-B	XI	VT-2	100	NRI	4/29/2011	ST-INDEX
ISI Functional Pressure Test of Emergency Service Water Pump D	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-951-0		D-B	XI	VT-2	100	NRI	10/6/2011	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Loop A	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-951-1		D-B	XI	VT-2	100	NRI	8/10/2011	ST-INDEX
ISI Functional Pressure Test of 1B Residual Heat Removal Service Water HX	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-952-0		D-B	XI	VT-2	25	NRI	2/9/2012	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Loop B	3	D2.10						Partial Pressure test credited for I-3 P-2.
ST-4-012-952-0		D-B	XI	VT-2	75	NRI	11/11/2011	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Loop B	3	D2.10						Partial Pressure test credited for I-3 P-2.
ST-4-012-955-0		D-B	XI	VT-2	100	NRI	1/4/2012	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Pump A	3	D2.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
ST-4-012-956-0		D-B	XI	VT-2	100	NRI	11/11/2011	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Pump B	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-957-0		D-B	XI	VT-2	100	NRI	1/4/2012	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Pump C	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-958-0		D-B	XI	VT-2	100	NRI	8/10/2011	ST-INDEX
ISI Functional Pressure Test of Residual Heat Removal Service Water Pump D	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-962-0		D-B	XI	VT-2	100	NRI	7/1/2010	ST-INDEX
ISI Pressure Test of Residual Heat Removal Service Water "C" Spray Network	3	D2.10						Pressure test credited for I-3 P-1
ST-4-012-963-0		D-B	XI	VT-2	100	NRI	6/14/2010	ST-INDEX
ISI Pressure Test of Residual Heat Removal Service Water "D" Spray Network	3	D2.10						Pressure test credited fro I-3 P-1.
ST-4-020-962-1		D-B	XI	VT-2	100	NRI	8/11/2011	ST-INDEX
D12 Diesel Fuel Oil Storage and Transfer System Buried Pipe and Storage Tank 1BT527 Pressure Decay Test	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-963-1		D-B	XI	VT-2	100	NRI	8/16/2011	ST-INDEX
D13 Diesel Fuel Oil Storage and Transfer System Buried Pipe and Storage Tank 1CT527 Pressure Decay Test	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-041-951-1		D-B	XI	VT-2	100	NRI	3/9/2012	ST-INDEX
ISI Pressure Test of Class 3 MSIV Accumulators and Pipe	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-059-953-1		D-B	XI	VT-2	100	NRI	3/12/2012	ST-INDEX
PCIG Loop "A" Pressure Decay Test	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-059-954-1		D-B	XI	VT-2	100	NRI	3/12/2012	ST-INDEX
PCIG Loop "B" Pressure Decay Test	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-090-950-0		D-B	XI	VT-2	100	NRI	9/22/2011	ST-INDEX
ISI Inservice Pressure Test of Control Structure Chilled Water Loop "A"	3	D2.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
ST-4-090-951-0		D-B	XI	VT-2	100	NRI	12/1/2011	ST-INDEX
ISI Inservice Pressure Test of Control Structure Chilled Water Loop "B"	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-092-962-1		D-B	XI	VT-2	100	NRI	7/11/2011	ST-INDEX
ISI Pressure Test of the D12 Diesel (1BG501) Fuel and Diesel Oil Storage and Transfer Systems	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-092-963-1		D-B	XI	VT-2	100	NRI	8/17/2011	ST-INDEX
ISI Pressure Test of the D13 Diesel (1CG501) Fuel and Diesel Oil Storage and Transfer Systems	3	D2.10						Pressure test credited for I-3 P-2.
ST-4-092-964-1		D-B	XI	VT-2	100	NRI	6/28/2011	ST-INDEX
ISI Pressure Test of the D14 Diesel (1DG501) Fuel and Diesel Oil Storage and Transfer Systems	3	D2.10						Pressure test credited for I-3 P-2.
10S199-DS	902100	E-A	XI	GV	100	NRI	3/6/2012	C-0294 SH. 1
Diaphragm Slab	MC	E1.11						
10S199-DS-IA	900060	E-A	XI	GV	100	NRI	3/6/2012	C-0284 SH. 1
Diaphragm Slab - Integral Attachment	MC	E1.11						
10S199-DWH	900020	E-A	XI	GV	100	RI	3/6/2012	C-0290 SH. 1
Drywell Head	MC	E1.11						IR1332997
10S199-DWH-Bolt	900985	E-A	XI	VT-3	100	NRI	3/6/2012	C-0290 SH. 1
Drywell Head - Bolting	MC	E1.11						Bolting disassembled
10S199-DWH-LF	900030	E-A	XI	GV	100	NRI	3/6/2012	C-0290 SH. 1
Drywell Head - Lower Flange	MC	E1.11						
10S199-DWH-LFSP	900040	E-A	XI	GV	100	NRI	3/6/2012	C-0290 SH. 1
Drywell Head - Lower Flange Seal Plate	MC	E1.11						
10S199-DWL	900000	E-A	XI	GV	100	NRI	3/6/2012	C-0276 SH. 1
Drywell Liner	MC	E1.11						
10S199-PEN	902530	E-A	XI	GV	100	NRI	3/6/2012	C-0287 SH. 1
All Penetrations of Containment	MC	E1.11						
10S199-SPL-VS	900010	E-A	XI	GV	100	NRI	3/6/2012	C-0247 SH. 1
Suppression Pool Liner - Vapor Space	MC	E1.11						
10S199-ST-IA	900050	E-A	XI	GV	100	NRI	3/6/2012	C-0286 SH. 1
Seismic Truss - Integral Attachment	MC	E1.11						
10X-001-Bolt	900995	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Equipment Access Hatch - Bolting	MC	E1.11						Bolting disassembled

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
10X-002-Bolt	901005	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Personnel Airlock - Bolting	MC	E1.11						Bolting disassembled
10X-004-Bolt	901015	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Drywell Head Access Manhole - Bolting	MC	E1.11						Bolting in place and under tension.
10X-006-Bolt	901025	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
CRD Hatch - Bolting	MC	E1.11						Bolting disassembled
10X-035A-Bolt	901027	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Spare	MC	E1.11						Bolting in place and under tension.
10X-035B-Bolt	901035	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Instrument Gas to Tip Purge Line - Bolting	MC	E1.11						Bolting in place and under tension.
10X-035C-Bolt	901045	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Tip Drive - Bolting	MC	E1.11						Bolting in place and under tension.
10X-035D-Bolt	901055	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Tip Drive - Bolting	MC	E1.11						Bolting in place and under tension.
10X-035E-Bolt	901065	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Tip Drive - Bolting	MC	E1.11						Bolting in place and under tension.
10X-035F-Bolt	901075	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Tip Drive - Bolting	MC	E1.11						Bolting in place and under tension.
10X-035G-Bolt	901085	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Tip Drive - Bolting	MC	E1.11						Bolting in place and under tension.
10X-200A-Bolt	901095	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Suppression Pool Access Hatch - Bolting	MC	E1.11						Bolting disassembled
10X-200B-Bolt	901105	E-A	XI	VT-3	100	NRI	3/6/2012	C-0279 SH. 1
Suppression Pool Access Hatch - Bolting	MC	E1.11						Bolting disassembled
10S199-SPL-SS	900300	E-A	NA	VT-3	100	RI	3/6/2012	C-0247 SH. 1
Suppression Pool Liner - Submerged Space	MC	E1.12						Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection IR 1364843
10S199-VS-DW	900580	E-A	NA	VT-3	100	NRI	3/6/2012	C-0293 SH. 1
Vent System – Drywell	MC	E1.20						No ASME credit taken for the inspection.
10S199-VS-PSV-137A	900581	E-A	NA	VT-3	100	NRI	2/26/2012	C-0293
Vent System - Vacuum Breakers PSV-137A	MC	E1.20						No ASME credit taken for the inspection.
10S199-VS-PSV-137A Bolting	900586	E-A	XI	VT-3	100	NRI	3/6/2012	C-0293
Vent System - Vacuum Breakers PSV-137A Bolting	MC	E1.20						Bolting in place and under tension.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
10S199-VS-PSV-137B	900582	E-A	NA	VT-3	100	NRI	2/26/2012	C-0293
Vent System - Vacuum Breakers PSV-137B	MC	E1.20						No ASME credit taken for the inspection.
10S199-VS-PSV-137B Bolting	900587	E-A	XI	VT-3	100	NRI	3/6/2012	C-0293
Vent System - Vacuum Breakers PSV-137B Bolting	MC	E1.20						Bolting in place and under tension.
10S199-VS-PSV-137C	900583	E-A	NA	VT-3	100	NRI	2/26/2012	C-0293
Vent System - Vacuum Breakers PSV-137C	MC	E1.20						No ASME credit taken for the inspection.
10S199-VS-PSV-137C Bolting	900588	E-A	XI	VT-3	100	NRI	3/6/2012	C-0293
Vent System - Vacuum Breakers PSV-137C Bolting	MC	E1.20						Bolting in place and under tension.
10S199-VS-PSV-137D	900584	E-A	NA	VT-3	100	NRI	2/26/2012	C-0293
Vent System - Vacuum Breakers PSV-137D	MC	E1.20						No ASME credit taken for the inspection.
10S199-VS-PSV-137D Bolting	900589	E-A	XI	VT-3	100	NRI	3/6/2012	C-0293
Vent System - Vacuum Breakers PSV-137D Bolting	MC	E1.20						Bolting in place and under tension.
10S199-VS-SPSS	900600	E-A	NA	VT-3	100	RI	3/6/2012	C-0293 SH. 1
Vent System – Suppression Pool Submerged Space	MC	E1.20						No ASME credit taken for the inspection. IR 1364843
10S199-VS-SPVS	900590	E-A	NA	VT-3	100	NRI	2/26/2012	C-0293 SH. 1
Vent System – Suppression Pool Vapor Space	MC	E1.20						No ASME credit taken for the inspection.
APE-1MS-HHA1	103990	F-A	XI	VT-3	100	RI	2/25/2012	FIG-03-101
Variable Support	1	F1.10						IR1333019
APE-1MS-HHA2	104000	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-03-101
Variable Support	1	F1.10						
APE-1MS-HHB1	104360	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-03-101
Variable Support	1	F1.10						
APE-1MS-HHC1	104770	F-A	XI	VT-3	100	NRI	2/27/2012	FIG-03-104
Variable Support	1	F1.10						
APE-1MS-HHD1	105140	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-03-104
Variable Support	1	F1.10						
APE-1MS-HHD2	105150	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-03-104
Variable Support	1	F1.10						
APE-1MS-X7C	104800	F-A	XI	VT-3	100	NRI	3/4/2012	FIG-03-104
Anchor	1	F1.10						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
DCA-101-H003	112530	F-A	XI	VT-3	100	RI	3/7/2012	FIG-08-102
Variable Support	1	F1.10						IR1338149
DCA-101-H006	112560	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-08-102
Rigid Restraint	1	F1.10						
DCA-101-H007	112570	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-08-102
Rigid Restraint	1	F1.10						
DCA-101-H013	112630	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-08-102
Mechanical Snubber	1	F1.10						
DCA-104-H001	116440	F-A	XI	VT-3	100	NRI	2/23/2012	FIG-01-104
Variable Support	1	F1.10						
DCA-104-H007	115430	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Variable Support	1	F1.10						
DCA-104-H009	115450	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Variable Support	1	F1.10						
DCA-104-H010	115460	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Variable Support	1	F1.10						
DCA-104-H029	115550	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Mechanical Snubber	1	F1.10						
DCA-105-H002	118010	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-01-111
Variable Support	1	F1.10						
DCA-105-H004	118030	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-01-111
Variable Support	1	F1.10						
DCA-105-H011	118100	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-01-111
Mechanical Snubber	1	F1.10						
DCA-177-E01-H001	109590	F-A	AD	VT-3	100	NRI	3/5/2012	FIG-07-103
Variable Support	1	F1.10						Additional Scope- IR1335559 (N-586-1 eval)
DCA-177-E01-H004	109620	F-A	AD	VT-3	100	NRI	3/5/2012	FIG-07-103
Variable Support	1	F1.10						Additional Scope- IR1335559 (N-586-1 eval)
DCA-177-E01-H007	109650	F-A	AD	VT-3	100	RI	3/5/2012	FIG-07-103
Variable Support	1	F1.10						Additional Scope- IR1335559 (N-586-1 eval) IR1336918
DCA-177-E01-H008	109660	F-A	XI	VT-3	100	NRI	2/22/2012	FIG-07-103
Variable Support	1	F1.10						Original and Additional Scope- IR1335559 (N-586-1)
DCA-177-E01-H010	109680	F-A	XI	VT-3	100	NRI	2/22/2012	FIG-07-103
Rigid Restraint	1	F1.10						
DCA-185-E01-H001	111230	F-A	XI	VT-3	100	RI	2/28/2012	FIG-07-104
Variable Support	1	F1.10						IR 1335559

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
DCA-185-E01-H005	111270	F-A	XI	VT-3	100	RI	2/28/2012	FIG-07-104
Variable Support	1	F1.10						IR 1335559
DCA-185-E01-H007	111290	F-A	AD	VT-3	100	NRI	3/7/2012	FIG-07-104
Rigid Restraint - Actually a Variable Support (IR 1336033)	1	F1.10						Additional Scope- IR1335559 (N-586-1 eval)
DCA-320-H002	100490	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-04-101
Mechanical Snubber	1	F1.10						
DCA-320-H004	100510	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-04-101
Variable Support	1	F1.10						
DLA-107-H003	101370	F-A	AG	VT-3	100	NRI	2/26/2012	FIG-05-101
Variable Support	1	F1.10						
DLA-107-H004	101380	F-A	AG	VT-3	100	NRI	2/26/2012	FIG-05-101
Variable Support	1	F1.10						
DLA-108-H003	102070	F-A	AG	VT-3	100	NRI	3/1/2012	FIG-05-103
Variable Support	1	F1.10						
DLA-108-H004	102080	F-A	AG	VT-3	100	NRI	3/1/2012	FIG-05-103
Variable Support	1	F1.10						
DLA-108-H005	102090	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-05-103
Variable Support	1	F1.10						
DLA-108-H023	102270	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-05-103
Mechanical Snubber	1	F1.10						
DLA-108-H027	102310	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-05-103
Mechanical Snubber	1	F1.10						
DLA-111-H003	100530	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-04-101
Mechanical Snubber	1	F1.10						
DLA-112-H016	115640	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Mechanical Snubber	1	F1.10						
DLA-112-H017	115650	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-101
Mechanical Snubber	1	F1.10						
STG-1MS-H025	104260	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-03-101
Rigid Restraint	1	F1.10						
STG-1MS-H028	105410	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-03-104
Rigid Restraint	1	F1.10						
VRR-1RD-HHA2	109790	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-07-101
Variable Support	1	F1.10						
VRR-1RD-HHB2	111420	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-07-102
Variable Support	1	F1.10						
VRR-1RS-H010	111550	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-07-102
Mechanical Snubber	1	F1.10						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
DBB-103-H004	233330	F-A	XI	VT-3	100	NRI	2/27/2012	FIG-05-102
Rigid Restraint	2	F1.20						
EBB-101-H007	239220	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-03-105
Rigid Restraint	2	F1.20						
EBB-101-H008	239230	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-03-105
Rigid Restraint	2	F1.20						
EBB-101-H011	239260	F-A	XI	VT-3	100	NRI	3/6/2012	FIG-03-105
Rigid Restraint	2	F1.20						
EBB-101-H016	239310	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-03-105
Rigid Restraint	2	F1.20						
EBB-101-H017	239320	F-A	XI	VT-3	100	NRI	3/6/2012	FIG-03-105
Rigid Restraint	2	F1.20						
EBB-106-H006	240600	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-03-106
Mechanical Snubbers (A & B)	2	F1.20						
EBB-107-H002	240630	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-03-106
Rigid Restraint	2	F1.20						
EBB-129-H027	234240	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-02-104
Rigid Restraint	2	F1.20						
EBB-129-H036	234270	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-02-104
Mechanical Snubber	2	F1.20						
EBB-129-H041	234280	F-A	XI	VT-3	100	NRI	2/29/2012	FIG-02-104
Rigid Restraint	2	F1.20						
EBB-129-H061	234450	F-A	XI	VT-3	100	NRI	2/28/2012	FIG-02-107
Rigid Restraint	2	F1.20						
EBB-134-H004	234490	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-02-108
Rigid Restraint	2	F1.20						
EBB-135-H002	242170	F-A	XI	VT-3	100	NRI	3/3/2012	FIG-06-103
Variable Support	2	F1.20						
EBB-135-H025	242380	F-A	XI	VT-3	100	NRI	2/27/2012	FIG-06-103
Rigid Restraint	2	F1.20						
EBB-142-SH-E04	227600	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-09-101
Rigid Restraint	2	F1.20						
EBB-142-SH-E19	227740	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-09-101
Rigid Restraint	2	F1.20						
GBB-101-H016	248090	F-A	XI	VT-3	100	NRI	3/4/2012	FIG-01-103
Rigid Restraint	2	F1.20						
GBB-102-H008	248160	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-103A
Mechanical Snubbers (A & B)	2	F1.20						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
GBB-102-H009	248170	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-103A
Variable Support	2	F1.20						
GBB-105-H001	248310	F-A	XI	VT-3	100	NRI	3/3/2012	FIG-01-102
Variable Support	2	F1.20						
GBB-107-H028	248650	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-102
Mechanical Snubber	2	F1.20						
GBB-111-H004	258670	F-A	XI	VT-3	100	NRI	2/21/2012	FIG-01-117
Rigid Restraint	2	F1.20						
GBB-111-H005	258680	F-A	XI	VT-3	100	NRI	2/21/2012	FIG-01-117
Rigid Restraint	2	F1.20						
GBB-112-H001	231640	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-106
Rigid Restraint	2	F1.20						IR1330590
GBB-112-H002	231650	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-106
Rigid Restraint	2	F1.20						
GBB-112-H901	231940	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-105
Anchor	2	F1.20						IR1330591
GBB-118-H001	248850	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-103
Rigid Restraint	2	F1.20						
GBB-118-H017	248900	F-A	XI	VT-3	100	NRI	3/2/2012	FIG-01-103
Variable Support	2	F1.20						
GBB-119-H016	256870	F-A	XI	VT-3	100	NRI	2/26/2012	FIG-01-110
Variable Support	2	F1.20						
GBB-119-H032	257000	F-A	XI	VT-3	100	NRI	2/24/2012	FIG-01-109
Variable Support	2	F1.20						
HBB-117-H004	257260	F-A	XI	VT-3	100	NRI	2/21/2012	FIG-01-110
Variable Support	2	F1.20						
HBB-117-H011	257270	F-A	XI	VT-3	100	NRI	2/21/2012	FIG-01-110
Mechanical Snubber	2	F1.20						
HBB-117-H018	249340	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-103
Rigid Restraint	2	F1.20						
HBB-117-H019	253240	F-A	XI	VT-3	100	NRI	2/26/2012	FIG-01-106
Rigid Restraint	2	F1.20						
HBB-118-H013	258810	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-113
Rigid Restraint	2	F1.20						
HBB-118-H042	258950	F-A	XI	VT-3	100	NRI	3/1/2012	FIG-01-113
Rigid Restraint	2	F1.20						
HBB-118-H057	258990	F-A	XI	VT-3	100	NRI	2/26/2012	FIG-01-112
Rigid Restraint	2	F1.20						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
HBB-119-H003	259200	F-A	XI	VT-3	100	NRI	2/24/2012	FIG-01-112
Variable Support	2	F1.20						
HBB-119-H004	259210	F-A	XI	VT-3	100	NRI	3/9/2012	FIG-01-112
Mechanical Snubber	2	F1.20						
HBB-119-H010	259270	F-A	XI	VT-3	100	NRI	2/25/2012	FIG-01-112
Rigid Restraint	2	F1.20						
HBB-119-H014	259310	F-A	XI	VT-3	100	NRI	3/3/2012	FIG-01-112
Rigid Restraint	2	F1.20						
HBB-120-H008	232000	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-107
Rigid Restraint	2	F1.20						
HBB-120-H009	232010	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-107
Rigid Restraint	2	F1.20						
HBB-120-H011	232030	F-A	XI	VT-3	100	NRI	2/20/2012	FIG-04-107
Rigid Restraint	2	F1.20						
HBB-120-H023	232100	F-A	XI	VT-3	100	RI	2/21/2012	FIG-04-107
Mechanical Snubber	2	F1.20						IR1331128
GBC-101-H029	373320	F-A	XI	VT-3	100	NRI	2/28/2012	GBC-101-13
Variable Support	3	F1.30						
GBC-101-H044	372880	F-A	XI	VT-3	100	NRI	2/28/2012	GBC-101-5
Variable Support	3	F1.30						
GBC-102-H007	375340	F-A	XI	VT-3	100	NRI	3/2/2012	GBC-102-1
Rigid Restraint	3	F1.30						
GBC-102-H008	375350	F-A	XI	VT-3	100	NRI	3/2/2012	GBC-102-1
Rigid Restraint	3	F1.30						
GBC-102-H009	375360	F-A	XI	VT-3	100	NRI	3/2/2012	GBC-102-1
Mechanical Snubber	3	F1.30						
GBC-103-H003	375390	F-A	XI	VT-3	100	NRI	3/3/2012	GBC-103-1
Rigid Restraint	3	F1.30						
GBC-103-H004	375400	F-A	XI	VT-3	100	NRI	3/3/2012	GBC-103-1
Rigid Restraint	3	F1.30						
GBC-110-H002	376590	F-A	XI	VT-3	100	NRI	2/21/2012	GBC-110-1
Rigid Restraint	3	F1.30						
HBC-081-H019	364930	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-081-2
Variable Support	3	F1.30						
HBC-081-H020	364940	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-081-2
Rigid Restraint	3	F1.30						
HBC-084-H015	366940	F-A	XI	VT-3	100	NRI	2/23/2012	HBC-084-1
Rigid Restraint	3	F1.30						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
HBC-091-H106	375810	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H107	375820	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H108	375830	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H109	375840	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H110	375850	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H111	375860	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H112	375870	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H113	375880	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H114	375890	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-16
Rigid Restraint	3	F1.30						
HBC-091-H148	376090	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-19
Rigid Restraint	3	F1.30						
HBC-091-H149	376100	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-19
Rigid Restraint	3	F1.30						
HBC-091-H159	376200	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-19
Rigid Restraint	3	F1.30						
HBC-091-H160	376210	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-19
Rigid Restraint	3	F1.30						
HBC-091-H163	379420	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-091-2
Rigid Restraint	3	F1.30						
HBC-138-H007	365280	F-A	XI	VT-3	100	NRI	3/3/2012	HBC-138-1
Rigid Restraint	3	F1.30						
HBC-138-H021	365440	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-138-3
Rigid Restraint	3	F1.30						
HBC-138-H023	365460	F-A	XI	VT-3	100	NRI	3/1/2012	HBC-138-2
Rigid Restraint	3	F1.30						
HBC-138-H025	365480	F-A	XI	VT-3	100	RI	3/1/2012	HBC-138-1
Rigid Restraint	3	F1.30						IR1335829
HBC-143-H018	367240	F-A	XI	VT-3	100	NRI	2/21/2012	HBC-143-3
Rigid Restraint	3	F1.30						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
HBC-143-H019	367250	F-A	XI	VT-3	100	NRI	2/21/2012	HBC-143-3
Rigid Restraint	3	F1.30						
HBC-143-H020	367260	F-A	XI	VT-3	100	NRI	2/21/2012	HBC-143-3
Rigid Restraint	3	F1.30						
HBC-181-H005	376680	F-A	XI	VT-3	100	NRI	2/21/2012	HBC-181-1
Mechanical Snubbers (A & B)	3	F1.30						
HBC-192-H006	365900	F-A	XI	VT-3	100	NRI	3/5/2012	HBC-192-1
Rigid Restraint	3	F1.30						
HBC-192-H904	366080	F-A	XI	VT-3	100	NRI	2/22/2012	HBC-192-4
Anchor	3	F1.30						
HBC-507-H074	378630	F-A	XI	VT-3	100	NRI	2/22/2012	HBC-507-10
Rigid Restraint	3	F1.30						
HBC-507-H075	378640	F-A	XI	VT-3	100	NRI	2/22/2012	HBC-507-10
Rigid Restraint	3	F1.30						
HBC-507-H076	378650	F-A	XI	VT-3	100	NRI	2/22/2012	HBC-507-10
Rigid Restraint	3	F1.30						
HBC-507-H077	378660	F-A	XI	VT-3	100	NRI	2/22/2012	HBC-507-10
Rigid Restraint	3	F1.30						
HP-P-A	234620	F-A	XI	VT-3	100	NRI	2/28/2012	XI-10P-204
HPCI Main & Booster Pump Support Assembly	2	F1.40						
RHR-HXAR-2-A	252151	F-A	XI	VT-3	100	NRI	3/3/2012	XI-1E-205
Heat Exchanger Support	2	F1.40						
RHR-HXAR-2-B	252161	F-A	XI	VT-3	100	NRI	3/3/2012	XI-1E-205
Heat Exchanger Support	2	F1.40						
RHR-HXAR-2-C	252171	F-A	XI	VT-3	100	NRI	3/3/2012	XI-1E-205
Heat Exchanger Support	2	F1.40						
RHR-HXAR-2-D	252181	F-A	XI	VT-3	100	NRI	3/3/2012	XI-1E-205
Heat Exchanger Support	2	F1.40						
RPV STABILIZER (000 DEG)	605390	F-A	XI	VT-3	100	NRI	2/22/2012	XI-FA-2 PG. 1-3
Stabilizer Assembly & Brackets - Intermediate Mech. Conn.	1	F1.40						
RPV STABILIZER (045 DEG)	605400	F-A	XI	VT-3	100	NRI	2/22/2012	XI-FA-2 PG. 1-3
Stabilizer Assembly & Brackets - Intermediate Mech. Conn.	1	F1.40						
RPV STABILIZER (090 DEG)	605410	F-A	XI	VT-3	100	NRI	2/22/2012	XI-FA-2 PG. 1-3
Stabilizer Assembly & Brackets - Intermediate Mech. Conn.	1	F1.40						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
RPV STABILIZER (135 DEG)	605420	F-A	XI	VT-3	100	NRI	2/22/2012	XI-FA-2 PG. 1-3
Stabilizer Assembly & Brackets - Intermediate Mech. Conn.	1	F1.40						
RPV SUPPORT	605465	F-A	XI	VT-3	100	NRI	2/23/2012	XI-FA-1 PG. 1,3
Support Skirt Assembly	1	F1.40						Examined 180 to 360 degrees
SP-Column-1	920500	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 0 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-10	920509	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 270 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-11	920510	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 300 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-12	920511	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 330 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-2	920501	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 30 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-3	920502	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 60 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-4	920503	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 90 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
SP-Column-5	920504	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 120 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-6	920505	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 150 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-7	920506	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 180 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-8	920507	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 210 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
SP-Column-9	920508	F-A	NA	VT-3	100	NRI	3/6/2012	C-0300
Suppression Pool Column At 240 Degrees	MC	F1.40						Both vapor area and submerged portions inspected. Inspection performed per the Coating Maintenance Plan; no ASME credit is taken for this inspection.
VRR-1RM-H006	111460	F-A	XI	VT-3	100	NRI	2/23/2012	XI-1P-201
Mechanical Snubber - Motor Support	1	F1.40						
VRR-1RM-H008	111470	F-A	XI	VT-3	100	NRI	2/23/2012	XI-1P-201
Mechanical Snubber - Motor Support	1	F1.40						
VRR-1RS-HHA5	109940	F-A	XI	VT-3	100	NRI	2/25/2012	XI-1P-201
Constant Load Support	1	F1.40						
VRR-1RS-HHA7	109960	F-A	XI	VT-3	100	RI	2/26/2012	XI-1P-201
Constant Load Support	1	F1.40						IR1332450
VRR-1RS-PBRB	111600	F-A	XI	VT-3	100	NRI	3/1/2012	XI-1P-201
Rigid Pump Support	1	F1.40						
10S199-DWC	902060	L-A	XI	GV	100	NRI	3/6/2012	C-0276 SH. 1
Drywell Concrete	CC	L1.11						
10S199-RPC	900365	L-A	XI	GV	100	NRI	3/6/2012	C-0281 SH. 1
RPV Pedestal – Concrete above Diaphragm Slab	CC	L1.11						

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
10S199-SPC	902070	L-A	XI	GV	100	NRI	3/6/2012	C-0247 SH. 1
Suppression Pool Concrete	CC	L1.11						
GBB-101-01 FW2701	249872	NA	BL	UT-E	100	NRI	3/5/2012	FIG-01-003
18" Pipe to Pipe	2	NA					N-578-1	Baseline- new weld C0223231.
GBB-101-01 FW2702	249874	NA	BL	UT-E	100	NRI	3/5/2012	FIG-01-003
18" Pipe to Pipe	2	NA					N-578-1	Baseline- new weld C0223231
N4A-BORE	601141	NA	AG	UT	100	NRI	2/29/2012	XI-RPV-1
Feedwater Loop A	1	NA						
N4E-BORE	601261	NA	AG	UT	100	NRI	2/28/2012	XI-RPV-1
Feedwater Loop E	1	NA						
N4F-BORE	601291	NA	AG	UT	100	NRI	2/29/2012	XI-RPV-1
Feedwater Loop F	1	NA						
RPV-1IN N8A	602050	NA	AG	UT	100	NRI	2/25/2012	XI-BF-8
Nozzle to Safe End (Jet Pump Instrument - Az. 105 Deg.)	1	NA					N-578-1	IGSCC Cat C DM weld Examined using manual phased array.
VRR-1RD-1A N2F	601890	NA	AG	UT	100	NRI	2/27/2012	FIG-07-001
Safe End to Nozzle (Az.210)	1	NA					N-578-1	IGSCC Cat C DM weld Examined using manual phased array.
VRR-1RD-1B N2B	601810	NA	AG	UT	100	NRI	2/27/2012	FIG-07-002
Safe End to Nozzle (Az.60)	1	NA					N-578-1	IGSCC Cat C DM weld Examined using manual phased array.
VRR-1RS-1A N1A	601750	NA	AG	UT	100	NRI	2/25/2012	FIG-07-001
Nozzle to Safe End (Az. 0 Deg.)	1	NA		PT	100	NRI	N-578-1	IGSCC Cat C DM weld Examined using manual phased array. IR1331737
CSA 002	100110	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-04-001
12" Elbow to 12"X10" Reducer	1	R1.11					N-578-1	
CSA 003	100150	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-04-001
12" Elbow to Pipe	1	R1.11					N-578-1	
RHC 005A	117470	R-A	XI	UT-E	100	NRI	3/3/2012	FIG-01-007A
12" Pipe to Pipe, Bimetallic	1	R1.11					N-578-1	
RHC 009	117560	R-A	XI	UT-E	100	NRI	3/2/2012	FIG-01-007A
12" Elbow to Pipe	1	R1.11					N-578-1	
RRB 049	111160	R-A	XI	UT-E	92.3	NRI	2/28/2012	FIG-07-004
2" Elbow to Pipe	1	R1.11					N-578-1	
RRB 051	111180	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-07-004
2" Pipe to Pipe	1	R1.11					N-578-1	

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
RRB 052	111190	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-07-004
2" Pipe to Pipe	1	R1.11					N-578-1	
RW 022	113440	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-08-001
24"X4" Sweepolet to 4" Pipe	1	R1.11					N-578-1	
SC 050	120080	R-A	XI	VT-2	100	NRI	3/13/2012	FIG-11-003
2" Elbow to Pipe	1	R1.11					N-578-1	
DCA-318-4 N17D	602310	R-A	XI	UT-E	100	NRI	3/3/2012	FIG-01-007A
Safe End to Nozzle (Az. 315 Deg.)	1	R1.11, R1.16					N-578-1	IGSCC Cat C DM weld Examined using manual phased array.
DLA-107-1 N4A1	602780	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-001
Safe End to Safe End (Az. 30 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-107-1 N4A2	602785	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-001
Safe End to Nozzle (Az. 30 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-107-1 S4A	602790	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-001
12" Pipe to Safe End (Az. 30 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 N4E1	602860	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-003
Safe End to Safe End (Az. 270 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 N4E2	602865	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-003
Safe End to Nozzle (Az. 270 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 N4F1	602880	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-05-003
Safe End to Safe End (Az. 330 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 N4F2	602885	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-05-003
Safe End to Nozzle (Az. 330 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 S4E	602870	R-A	XI	UT-E	100	NRI	2/26/2012	FIG-05-003
12" Pipe to Safe End (Az. 270 Deg.)	1	R1.11, R1.18					N-578-1	
DLA-108-1 S4F	602890	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-05-003
12" Pipe to Safe End (Az. 330 Deg.)	1	R1.11, R1.18					N-578-1	
FWA 012	101760	R-A	XI	UT-E	100	NRI	3/1/2012	FIG-05-001
12" Pipe to Elbow	1	R1.11, R1.18					N-578-1	
FWA 033	101990	R-A	XI	UT-E	100	NRI	3/1/2012	FIG-05-001
24" Valve 41-1F010A to Flued Head (X-9A)	1	R1.11, R1.18					N-578-1	
FWA 039	233390	R-A	XI	UT-E	100	NRI	2/27/2012	FIG-05-002
16" Elbow to Elbow	2	R1.11, R1.18					N-578-1	

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
FWA 040	233400	R-A	XI	UT-E	100	NRI	2/27/2012	FIG-05-002
16" Elbow to Pipe	2	R1.11, R1.18					N-578-1	
FWB 032	233560	R-A	XI	UT-E	100	NRI	2/22/2012	FIG-05-004
24" Valve HV-41-1F074B to Pipe	2	R1.11, R1.18					N-578-1	
CSA 008A	100350	R-A	XI	UT-E	100	NRI	2/29/2012	FIG-04-001
12" Pipe to Elbow, Bimetallic	1	R1.20					N-578-1	
DCA-101-1 FW 2401	113402	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-08-002
6" Pipe to 6" Pub Piece on Valve HV-44-1F001	1	R1.20					N-578-1	
DCA-101-1 FW 2404	113412	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-08-002
6" Pub Piece on Valve HV-44-1F001 to 6" Pipe	1	R1.20					N-578-1	
HP 015	103250	R-A	XI	UT-E	100	NRI	3/3/2012	FIG-02-001
10" Pipe to Elbow	1	R1.20					N-578-1	
HP 016	103260	R-A	XI	UT-E	100	NRI	3/3/2012	FIG-02-001
10" Elbow to Pipe	1	R1.20					N-578-1	
HP 017	103270	R-A	XI	UT-E	100	NRI	3/3/2012	FIG-02-001
10" Pipe to Valve HV-55-1F002	1	R1.20					N-578-1	
MSD 020	105370	R-A	XI	UT-E	100	NRI	3/1/2012	FIG-03-004
26" Pipe (FE 1N054) to Elbow	1	R1.20					N-578-1	
MSD 021	105380	R-A	XI	UT-E	100	NRI	3/1/2012	FIG-03-004
26" Elbow to Valve HV-41-1F022D	1	R1.20					N-578-1	
RH 048	245580	R-A	XI	UT-E	100	NRI	2/27/2012	FIG-01-013
20" Elbow to Pipe	2	R1.20					N-578-1	
RRA 031	109030	R-A	XI	UT-E	100	NRI	2/24/2012	FIG-07-001
12" Pipe to Elbow	1	R1.20					N-578-1	
RRB 028	110640	R-A	XI	UT-E	50	NRI	2/25/2012	FIG-07-002
22" Pipe to 22"X12" Sweepolet	1	R1.20					N-578-1	
RRB 032	110750	R-A	XI	UT-E	100	NRI	2/25/2012	FIG-07-002
22" Pipe to Cap	1	R1.20					N-578-1	
RW 012	113360	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-08-002
6" Pipe to Elbow	1	R1.20					N-578-1	
RW 014	113380	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-08-002
6" Pipe to Elbow	1	R1.20					N-578-1	
RW 018	113420	R-A	XI	UT-E	100	NRI	2/28/2012	FIG-08-002
6" Pipe to Flued Head (X-14)	1	R1.20					N-578-1	

Section 1: Limerick 1R14 ISI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Code Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
SC 048	120060	R-A	XI	VT-2	100	NRI	3/13/2012	FIG-11-003
2" Elbow to Pipe	1	R1.20					N-578-1	

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/45-03b N17A LPCI Coupling Shroud Attachment Ring to Shroud Weld (045 Az)	127589 BWRVIP-42	N/A N/A	RE	EVT-1	75	NRI	2/28/2012	XI-BN-14
Li1/45-03b N17B LPCI Coupling Shroud Attachment Ring to Shroud Weld (135 Az)	127592 BWRVIP-42	N/A N/A	RE	EVT-1	50	NRI	2/26/2012	XI-BN-14
Li1/45-06a N17A LPCI Coupling Clamp / Bolt RPV (045 Az)	127601 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/28/2012	XI-BN-14
Li1/45-06a N17B LPCI Coupling Clamp / Bolt RPV (135 Az)	127508 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/26/2012	XI-BN-14
Li1/45-06b N17A LPCI Coupling Clamp / Bolt Shroud (045 Az)	127532 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/28/2012	XI-BN-14
Li1/45-06b N17B LPCI Coupling Clamp / Bolt Shroud (135 Az)	127511 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/26/2012	XI-BN-14
Li1/45-06c N17A LPCI Coupling Clamp / Bolt RPV (045 Az)	127583 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/28/2012	XI-BN-14
Li1/45-06c N17B LPCI Coupling Clamp / Bolt RPV (135 Az)	127514 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/26/2012	XI-BN-14
Li1/45-06d N17A LPCI Coupling Clamp / Bolt Shroud (045 Az)	127577 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/28/2012	XI-BN-14
Li1/45-06d N17B LPCI Coupling Clamp / Bolt Shroud (135 Az)	127517 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	2/26/2012	XI-BN-14
Li1/45-08a N17A LPCI Coupling Eye Bolt Nut to Clamp Weld (045 Az)	127523 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/28/2012	XI-BN-14
Li1/45-08a N17B LPCI Coupling Eye Bolt Nut to Clamp Weld (135 Az)	127505 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/26/2012	XI-BN-14
Li1/45-08b N17A LPCI Coupling Eye Bolt Nut to Clamp Weld (045 Az)	127520 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/28/2012	XI-BN-14

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/45-08b N17B LPCI Coupling Eye Bolt Nut to Clamp Weld (135 Az)	127535 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/26/2012	XI-BN-14
Li1/45-08c N17A LPCI Coupling Eye Bolt Nut to Clamp Weld (045 Az)	127529 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/28/2012	XI-BN-14
Li1/45-08c N17B LPCI Coupling Eye Bolt Nut to Clamp Weld (135 Az)	127538 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/26/2012	XI-BN-14
Li1/45-08d N17A LPCI Coupling Eye Bolt Nut to Clamp Weld (045 Az)	127553 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/28/2012	XI-BN-14
Li1/45-08d N17B LPCI Coupling Eye Bolt Nut to Clamp Weld (135 Az)	127541 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	2/26/2012	XI-BN-14
Li1/45-12 N17A LPCI Coupling Sleeve Flange to Thermal Sleeve Weld at RPV (045 Az)	127256 BWRVIP-42	N/A N/A	RE	EVT-1	30	NRI	2/28/2012	XI-BN-14
Li1/45-12 N17B LPCI Coupling Sleeve Flange to Thermal Sleeve Weld at RPV (135 Az)	127259 BWRVIP-42	N/A N/A	RE	EVT-1	20	NRI	2/26/2012	XI-BN-14
Li1/AHC 000 Deg Access Hole Cover Plate and Weld to Shroud Support Plate	603145 BWRVIP-180	B-N-2 B13.40	BL	EVT-1	90	NRI	2/26/2012	XI-BN-04
Li1/AHC 180 Deg Access Hole Cover Plate and Weld to Shroud Support Plate	603155 BWRVIP-180	B-N-2 B13.40	BL	EVT-1	50	NRI	2/26/2012	XI-BN-04 All 3 welds examined (C1, C2, and C3)
Li1/CSB 195 Az Core Spray "A and C" Header Bracket (PB5) Attachment Weld to RPV	604450 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	65	NRI	2/24/2012	XI-BNN
Li1/CSB 247.5 Az Core Spray "A and C" Header Radial Bracket (PB6) Attachment Weld to RPV	604490 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	65	NRI	2/24/2012	XI-BNN
Li1/FWSB 005 Az - PIN-NUT N4A Feedwater Sparger Bracket Pin and Nut	 OPEX Exam		SP	VT-3/ VT-1	100	RI	3/2/2012	 IR1336083 - Evaluated condition as acceptable

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/FWSB 055 Az - PIN-NUT			SP	VT-3/ VT-1	100	NRI	2/26/2012	
N4A Feedwater Sparger Bracket Pin and Nut	OPEX Exam							
Li1/FWSB 065 Az - PIN-NUT			SP	VT-3/ VT-1	100	NRI	3/2/2012	
N4B Feedwater Sparger Bracket Pin and Nut	OPEX Exam							
Li1/FWSB 115 Az	604600	B-N-2	RE	EVT-1	60	NRI	2/27/2012	XI-BNN
N4B Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 115 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/27/2012	
N4B Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 125 Az	604630	B-N-2	RE	EVT-1	60	NRI	2/27/2012	XI-BNN
N4C Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 125 Az - PIN-NUT			SP	VT-3/ VT-1	100	NRI	2/27/2012	
N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam							
Li1/FWSB 175 Az	604640	B-N-2	RE	EVT-1	60	NRI	3/1/2012	XI-BNN
N4C Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 175 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	3/1/2012	
N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 185 Az	604670	B-N-2	RE	EVT-1	60	NRI	2/24/2012	XI-BNN
N4D Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 185 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/24/2012	
N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 235 Az	604680	B-N-2	RE	EVT-1	60	NRI	2/24/2012	XI-BNN
N4D Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/FWSB 235 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/24/2012	
N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 245 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/24/2012	
N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 295 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/24/2012	
N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 305 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/24/2012	
N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/FWSB 355 Az - PIN-NUT			SP	VT-3/ VT-1	100	RI	2/25/2012	
N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exam							IR1336083 - Evaluated condition as acceptable
Li1/H01	603131	B-N-2	RE	UT	47.7	RI	3/2/2012	XI-BN-10
Core Shroud Plate to Dryer / Separator Support Ring Weld	BWRVIP-76 / B-N-2	B13.40						ECR LG 12-00109 evaluated as acceptable
Li1/H04	603134	B-N-2	RE	UT	96.2	RI	3/3/2012	XI-BN-10
Core Shroud Plate to Core Shroud Plate Weld	BWRVIP-76 / B-N-2	B13.40						ECR LG 12-00109 evaluated as acceptable
Li1/JP01 AD-1	126221	N/A	BL	UT	100	NRI	2/26/2012	XI-BN-04
Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	BWRVIP-41	N/A						
Li1/JP01 AD-2	126104	N/A	BL	UT	100	NRI	2/26/2012	XI-BN-04
Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	BWRVIP-41	N/A						
Li1/JP01 AS-1 (SS)		N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP01 AS-1 (VS)		N/A	RE	VT-1	100	RI	2/24/2012	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						IR1335532 - A gap of 0.011" was evaluated as acceptable.
Li1/JP01 AS-2 (SS)		N/A	RE	VT-1	100	RI	2/24/2012	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						IR1335582 - Evaluated as acceptable

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP01 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP01 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A N/A	SP	VT-3/ VT-1	100	NRI	2/26/2012	XI-BN-04 Previous indication looks like a small scratch or gouge. Exam meets NRI requirements.
Li1/JP01 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126194 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/26/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP01 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126095 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/26/2012	XI-BN-04
Li1/JP01 IN-4 Jet Pump Inlet to Mixer Weld	125330 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	2/27/2012	XI-BN-04
Li1/JP01 MX-2 Jet Pump Barrel to Adapter Weld	125210 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/26/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP01 WD-1 Jet Pump Wedge Bearing Surface	126134 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/23/2012	XI-BN-04
Li1/JP01-02 RB-1a Jet Pump Riser Brace Leaf to RPV Pad Weld	125516 BWRVIP-41	N/A N/A	RE	EVT-1	60	NRI	2/28/2012	XI-BN-04
Li1/JP01-02 RB-1b Jet Pump Riser Brace Leaf to RPV Pad Weld	125366 BWRVIP-41	N/A N/A	RE	EVT-1	70	NRI	2/27/2012	XI-BN-04
Li1/JP01-02 RB-1c Jet Pump Riser Brace Leaf to RPV Pad Weld	125396 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	3/3/2012	XI-BN-04
Li1/JP01-02 RB-1d Jet Pump Riser Brace Leaf to RPV Pad Weld	125426 BWRVIP-41	N/A N/A	RE	EVT-1	70	NRI	2/27/2012	XI-BN-04
Li1/JP01-02 RB-2a Jet Pump Riser Brace Leaf to Yoke Weld	125636 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	2/28/2012	XI-BN-04
Li1/JP01-02 RB-2b Jet Pump Riser Brace Leaf to Yoke Weld	125666 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	2/27/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP01-02 RB-2c Jet Pump Riser Brace Leaf to Yoke Weld	125696 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	2/28/2012	XI-BN-04
Li1/JP01-02 RB-2d Jet Pump Riser Brace Leaf to Yoke Weld	125546 BWRVIP-41	N/A N/A	RE	EVT-1	50	NRI	2/27/2012	XI-BN-04
Li1/JP01-02 RS-3 Jet Pump Riser Pipe to Transition Piece Weld	125039 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	2/26/2012	XI-BN-04
Li1/JP01-02 RS-6 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-6 is on JP01 side of riser	125030 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	3/3/2012	XI-BN-04
Li1/JP01-02 RS-7 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-7 is on JP02 side of riser	125060 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	2/28/2012	XI-BN-04
Li1/JP02 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126224 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/26/2012	XI-BN-04 Lower side exam only due to rough surface conditions.
Li1/JP02 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125795 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/26/2012	XI-BN-04
Li1/JP02 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP02 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP02 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP02 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126197 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/26/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP02 IN-4 Jet Pump Inlet to Mixer Weld	125333 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	3/3/2012	XI-BN-04
Li1/JP02 MX-2 Jet Pump Barrel to Adapter Weld	125213 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/26/2012	XI-BN-04 One sided exam due to far side cast material

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP02 WD-1 Jet Pump Wedge Bearing Surface	126137 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/24/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP03 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP03 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04 IR1335532 - A gap of 0.003" was evaluated as acceptable.
Li1/JP03 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP03 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP03 WD-1 Jet Pump Wedge Bearing Surface	126140 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/23/2012	XI-BN-04
Li1/JP03-04 RS-3 Jet Pump Riser Pipe to Transition Piece Weld	125129 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	2/25/2012	XI-BN-04
Li1/JP04 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126230 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/28/2012	XI-BN-04
Li1/JP04 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125807 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/28/2012	XI-BN-04
Li1/JP04 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP04 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04 IR1335532 - A gap of 0.006" was evaluated as acceptable.
Li1/JP04 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP04 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP04 DF-1	126089	N/A	BL	UT	50	NRI	2/28/2012	XI-BN-04
Jet Pump Diffuser Collar to Diffuser Shell Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP04 DF-2	126203	N/A	BL	UT	100	NRI	2/28/2012	XI-BN-04
Jet Pump Diffuser Shell to Tailpipe Weld	BWRVIP-41	N/A						
Li1/JP04 MX-2	125267	N/A	BL	UT	50	NRI	2/28/2012	XI-BN-04
Jet Pump Barrel to Adapter Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP04 WD-1	126143	N/A	SP	VT-1	100	NRI	2/24/2012	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP04 WD-2a		N/A	SP	VT-1	100	RI	2/24/2012	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						IR1335602 - Evaluated as acceptable
Li1/JP04 WD-2b		N/A	SP	VT-1	100	RI	2/25/2012	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						IR1335602 - Evaluated as acceptable
Li1/JP05 AD-1	126233	N/A	BL	UT	100	NRI	2/28/2012	XI-BN-04
Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	BWRVIP-41	N/A						
Li1/JP05 AD-2	125810	N/A	BL	UT	100	NRI	2/28/2012	XI-BN-04
Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	BWRVIP-41	N/A						
Li1/JP05 AS-1 (SS)		N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP05 AS-1 (VS)		N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						IR1335532 - A gap of 0.012" was evaluated as acceptable.
Li1/JP05 AS-2 (SS)		N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP05 AS-2 (VS)		N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP05 DF-1	126170	N/A	BL	UT	50	NRI	2/28/2012	XI-BN-04
Jet Pump Diffuser Collar to Diffuser Shell Weld	BWRVIP-41	N/A						One sided exam due to far side cast material

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP05 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126107 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/28/2012	XI-BN-04 Lower side exam only due to seam weld interference
Li1/JP05 MX-2 Jet Pump Barrel to Adapter Weld	125222 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/28/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP05 WD-1 Jet Pump Wedge Bearing Surface	126146 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP05-06 RS-3 Jet Pump Riser Pipe to Transition Piece Weld	125006 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	2/25/2012	XI-BN-04
Li1/JP06 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP06 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04 IR1335532 - A gap of 0.005" was evaluated as acceptable.
Li1/JP06 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP06 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP06 WD-1 Jet Pump Wedge Bearing Surface	126149 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP07 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP07 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04 IR1335532 - A gap of 0.017" was repaired with an Auxiliary Wedge.
Li1/JP07 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP07 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP07 WD-1 Jet Pump Wedge Bearing Surface	126152 BWRVIP-41	N/A N/A	SP	VT-1	95	NRI	2/24/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP08 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP08 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP08 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/25/2012	XI-BN-04 IR1335582 - Evaluated as acceptable
Li1/JP08 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP08 WD-1 Jet Pump Wedge Bearing Surface	126155 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP08 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP08 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/24/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP09 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/24/2012	XI-BN-04
Li1/JP09 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/24/2012	XI-BN-04 IR1335532 - A gap of 0.003" was evaluated as acceptable.
Li1/JP09 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP09 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP09 MX-7 Jet Pump Wedge Bracket to Inlet Mixer Welds	BWRVIP-41	N/A N/A	ES	EVT-1	50	NRI	2/28/2012	XI-BN-04
Li1/JP09 WD-1 Jet Pump Wedge Bearing Surface	126158 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/24/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP09 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A N/A	ES	VT-1	100	NRI	2/27/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP09 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A N/A	ES	VT-1	100	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RB-1a Jet Pump Riser Brace Leaf to RPV Pad Weld	125528 BWRVIP-41	N/A N/A	ES	EVT-1	70	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RB-1b Jet Pump Riser Brace Leaf to RPV Pad Weld	125378 BWRVIP-41	N/A N/A	ES	EVT-1	70	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RB-1c Jet Pump Riser Brace Leaf to RPV Pad Weld	125408 BWRVIP-41	N/A N/A	ES	EVT-1	65	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RB-1d Jet Pump Riser Brace Leaf to RPV Pad Weld	125438 BWRVIP-41	N/A N/A	ES	EVT-1	70	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RS-3 Jet Pump Riser Pipe to Transition Piece Weld	125012 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	2/25/2012	XI-BN-04
Li1/JP09-10 RS-6 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-6 is on JP09 side of riser	125042 BWRVIP-41	N/A N/A	ES	EVT-1	40	NRI	2/28/2012	XI-BN-04
Li1/JP09-10 RS-8 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125282 BWRVIP-41	N/A N/A	ES	EVT-1	45	NRI	2/27/2012	XI-BN-04
Li1/JP09-10 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125312 BWRVIP-41	N/A N/A	ES	EVT-1	45	NRI	2/27/2012	XI-BN-04
Li1/JP10 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP10 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP10 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04
Li1/JP10 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/25/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP10 DF-1	126062	N/A	BL	UT	50	NRI	2/27/2012	XI-BN-04
Jet Pump Diffuser Collar to Diffuser Shell Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP10 DF-2	126122	N/A	BL	UT	50	NRI	2/27/2012	XI-BN-04
Jet Pump Diffuser Shell to Tailpipe Weld	BWRVIP-41	N/A						Lower side exam only due to seam weld interference
Li1/JP10 MX-2	125237	N/A	BL	UT	50	NRI	2/27/2012	XI-BN-04
Jet Pump Barrel to Adapter Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP10 WD-1	126161	N/A	SP	VT-1	100	NRI	2/24/2012	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP11 AD-1	126251	N/A	BL	UT	100	NRI	3/2/2012	XI-BN-04
Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	BWRVIP-41	N/A						
Li1/JP11 AD-2	125822	N/A	BL	UT	89	NRI	3/2/2012	XI-BN-04
Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	BWRVIP-41	N/A						Upper side exam limited due to rough surface condition
Li1/JP11 AS-1 (SS)		N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP11 AS-1 (VS)		N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						IR1335532 - A gap of 0.010" was evaluated as acceptable.
Li1/JP11 AS-2 (SS)		N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP11 AS-2 (VS)		N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP11 DF-1	126065	N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04
Jet Pump Diffuser Collar to Diffuser Shell Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP11 DF-2	126083	N/A	BL	UT	100	NRI	3/2/2012	XI-BN-04
Jet Pump Diffuser Shell to Tailpipe Weld	BWRVIP-41	N/A						
Li1/JP11 IN-4	125219	N/A	RE	EVT-1	40	NRI	3/2/2012	XI-BN-04
Jet Pump Inlet to Mixer Weld	BWRVIP-41	N/A						

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP11 MX-2	125240	N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04
Jet Pump Barrel to Adapter Weld	BWRVIP-41	N/A						One sided exam due to far side cast material
Li1/JP11 SJC		N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						IR1336082 - Evaluated as acceptable
Li1/JP11 WD-1	126206	N/A	SP	VT-1	100	NRI	2/29/2012	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP11-12 RB-1a	125531	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-1b	125381	N/A	RE	EVT-1	60	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-1c	125411	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-1d	125441	N/A	RE	EVT-1	40	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-2a	125651	N/A	RE	EVT-1	50	NRI	3/1/2012	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-2b	125681	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-2c	125711	N/A	RE	EVT-1	50	NRI	3/1/2012	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP11-12 RB-2d	125561	N/A	RE	EVT-1	40	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP11-12 RS-1	125141	N/A	RE	EVT-1	85	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Elbow to Thermal Sleeve Weld	BWRVIP-41	N/A						
Li1/JP11-12 RS-2	125165	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-04
Jet Pump Riser Elbow to Riser Pipe Weld	BWRVIP-41	N/A						

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
LI1/JP11-12 RS-6 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-6 is on JP11 side of riser	125000 BWRVIP-41	N/A N/A	RE	EVT-1	30	NRI	3/2/2012	XI-BN-04
LI1/JP11-12 RS-7 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-7 is on JP12 side of riser	125075 BWRVIP-41	N/A N/A	RE	EVT-1	30	NRI	3/2/2012	XI-BN-04
LI1/JP11-12 RS-8 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125285 BWRVIP-41	N/A N/A	RE	EVT-1	45	NRI	3/1/2012	XI-BN-04
LI1/JP11-12 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125270 BWRVIP-41	N/A N/A	RE	EVT-1	45	NRI	3/1/2012	XI-BN-04
LI1/JP12 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126254 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04
LI1/JP12 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125825 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04
LI1/JP12 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
LI1/JP12 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
LI1/JP12 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335582 - Evaluated as acceptable
LI1/JP12 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
LI1/JP12 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126068 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04 One sided exam due to far side cast material
LI1/JP12 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126239 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP12 IN-4 Jet Pump Inlet to Mixer Weld	125309 BWRVIP-41	N/A N/A	RE	EVT-1	40	NRI	3/2/2012	XI-BN-04
Li1/JP12 MX-2 Jet Pump Barrel to Adapter Weld	125243 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP12 WD-1 Jet Pump Wedge Bearing Surface	126167 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP13 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126257 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/2/2012	XI-BN-04
Li1/JP13 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125828 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/2/2012	XI-BN-04
Li1/JP13 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP13 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP13 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126071 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/2/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP13 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126287 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/2/2012	XI-BN-04
Li1/JP13 MX-2 Jet Pump Barrel to Adapter Weld	125246 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/2/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP13 WD-1 Jet Pump Wedge Bearing Surface	126128 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP13-14 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125318 BWRVIP-41	N/A N/A	SP	EVT-1	45	RI	3/2/2012	XI-BN-04 IR1336977 - Evaluated as acceptable
Li1/JP14 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126260 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP14 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125831 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04
Li1/JP14 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335582 - Evaluated as acceptable
Li1/JP14 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP14 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126074 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP14 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126290 BWRVIP-41	N/A N/A	BL	UT	100	NRI	3/1/2012	XI-BN-04
Li1/JP14 MX-2 Jet Pump Barrel to Adapter Weld	125249 BWRVIP-41	N/A N/A	BL	UT	50	NRI	3/1/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP14 WD-1 Jet Pump Wedge Bearing Surface	126173 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126263 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125834 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126077 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP15 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126293 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP15 MX-2 Jet Pump Barrel to Adapter Weld	125252 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP15 WD-1 Jet Pump Wedge Bearing Surface	126176 BWRVIP-41	N/A N/A	SP	VT-1	95	NRI	2/29/2012	XI-BN-04
Li1/JP16 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126266 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125882 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126080 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP16 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126299 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP16 MX-2 Jet Pump Barrel to Adapter Weld	125255 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP16 WD-1 Jet Pump Wedge Bearing Surface	126179 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	2/29/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP17 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126269 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP17 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125840 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP17 AS-1 (SS) Shroud Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP17 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335532 - A gap of 0.009" was evaluated as acceptable.
Li1/JP17 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335582 - Evaluated as acceptable
Li1/JP17 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP17 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126125 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP17 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126284 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP17 MX-2 Jet Pump Barrel to Adapter Weld	125258 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP17 SJC Jet Pump Slip Joint Clamp	 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1336082 - Evaluated as acceptable
Li1/JP17 WD-1 Jet Pump Wedge Bearing Surface	126182 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP17-18 RBSP Jet Pump Nos. 17 and 18 Riser Brace Support Pad Welds to RPV (2 Weld Buildup Locations 293 and 307 Az)	603540 BWRVIP-48	B-N-2 B13.20	RE	EVT-1	70	NRI	2/29/2012	XI-BNN

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP18 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126272 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP18 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125801 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP18 AS-1 (VS) Vessel Side Adjusting Screw Gap	 BWRVIP-41	N/A N/A	RE	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335532 - A gap of 0.003" was evaluated as acceptable.
Li1/JP18 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	 BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	2/29/2012	XI-BN-04
Li1/JP18 Aux Wedge Repair (SS) Shroud Side Jet Pump Aux Wedge Repair	 BWRVIP-41	N/A N/A	RE	VT-3	100	NRI	2/29/2012	XI-BN-04
Li1/JP18 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126086 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP18 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126305 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP18 MX-2 Jet Pump Barrel to Adapter Weld	125261 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP18 WD-1 Jet Pump Wedge Bearing Surface	126185 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP18 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP18 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP19 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126275 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP19 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125846 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP19 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335582 - Evaluated as acceptable
Li1/JP19 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/1/2012	XI-BN-04
Li1/JP19 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126050 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP19 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126308 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP19 MX-2 Jet Pump Barrel to Adapter Weld	125264 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP19 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1336082 - Evaluated as acceptable
Li1/JP19 WD-1 Jet Pump Wedge Bearing Surface	126188 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP19 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP19 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP20 AD-1 Jet Pump Adapter Top to Adapter Bottom Weld - Bimetallic Weld	126278 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP20 AD-2 Jet Pump Adapter Bottom (Lower Ring) to Shroud Support Plate Weld	125849 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP20 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/1/2012	XI-BN-04
Li1/JP20 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/1/2012	XI-BN-04

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP20 DF-1 Jet Pump Diffuser Collar to Diffuser Shell Weld	126092 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP20 DF-2 Jet Pump Diffuser Shell to Tailpipe Weld	126311 BWRVIP-41	N/A N/A	BL	UT	100	NRI	2/29/2012	XI-BN-04
Li1/JP20 MX-2 Jet Pump Barrel to Adapter Weld	125093 BWRVIP-41	N/A N/A	BL	UT	50	NRI	2/29/2012	XI-BN-04 One sided exam due to far side cast material
Li1/JP20 WD-1 Jet Pump Wedge Bearing Surface	126191 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	2/29/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP20 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/JP20 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/1/2012	XI-BN-04 IR1335602 - Evaluated as acceptable
Li1/P1A Core Spray "A" Loop N5B Thermal Sleeve to T-Box Weld 300 Az	606010 BWRVIP-18	N/A N/A	RE	EVT-1	45	NRI	2/26/2012	XI-BN-8
Li1/P1B Core Spray "B" Loop N5A Thermal Sleeve to T-Box Weld 60 Az	606015 BWRVIP-18	N/A N/A	RE	EVT-1	45	NRI	3/3/2012	XI-BN-8
Li1/P2A Core Spray "A" Loop Header T-Box Cover Plate Weld 300 Az	606020 BWRVIP-18	N/A N/A	RE	EVT-1	100	NRI	2/25/2012	XI-BN-8
Li1/P2B Core Spray "B" Loop Header T-Box Cover Plate Weld 60 Az	606025 BWRVIP-18	N/A N/A	RE	EVT-1	100	NRI	3/3/2012	XI-BN-8
Li1/P3aA Core Spray "A" Loop Header T-Box to Pipe Weld Right Side 300 Az	606030 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	2/27/2012	XI-BN-8
Li1/P3aB Core Spray "B" Loop Header T-Box to Pipe Weld Right Side 60 Az	606040 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/3/2012	XI-BN-8

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID *Description*	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/P3bA	606035	N/A	SP	EVT-1	65	RI	2/26/2012	XI-BN-8
Core Spray "A" Loop Header T-Box to Pipe Weld Left Side 300 Az	BWRVIP-18	N/A						IR1333013 - Evaluated as acceptable
Li1/P3bB	606045	N/A	RE	EVT-1	65	NRI	3/2/2012	XI-BN-8
Core Spray "B" Loop Header T-Box to Pipe Weld Left Side 60 Az	BWRVIP-18	N/A						
Li1/P4bA	606070	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-8
Core Spray "A" Loop Elbow to "A" Downcomer Pipe Weld 352.5 Az (Header Elevation)	BWRVIP-18	N/A						
Li1/P4bB	606075	N/A	RE	EVT-1	65	NRI	3/3/2012	XI-BN-8
Core Spray "B" Loop Elbow to "B" Downcomer Pipe Weld 7.5 Az (Header Elevation)	BWRVIP-18	N/A						
Li1/P4bC	606080	N/A	RE	EVT-1	50	NRI	2/24/2012	XI-BN-8
Core Spray "A" Loop Elbow to "C" Downcomer Pipe Weld 187.5 Az (Header Elevation)	BWRVIP-18	N/A						
Li1/P4bD	606085	N/A	RE	EVT-1	50	NRI	3/2/2012	XI-BN-8
Core Spray "B" Loop Elbow to "D" Downcomer Pipe Weld 172.5 Az (Header Elevation)	BWRVIP-18	N/A						
Li1/P4dA	606110	N/A	RE	EVT-1	65	NRI	3/3/2012	XI-BN-8
Core Spray "A" Loop "A" Downcomer Elbow to Shroud Pipe Weld 352.5 Az	BWRVIP-18	N/A						
Li1/P8aA	606190	N/A	RE	EVT-1	65	NRI	3/3/2012	XI-BN-8
Core Spray "A" Loop "A" Shroud Pipe to Collar Weld 352.5 Az	BWRVIP-18	N/A						
Li1/P8aB	606195	N/A	RE	EVT-1	55	NRI	3/3/2012	XI-BN-8
Core Spray "B" Loop "B" Shroud Pipe to Collar Weld 7.5 Az	BWRVIP-18	N/A						
Li1/P8aC	606200	N/A	RE	EVT-1	65	RI	2/25/2012	XI-BN-8
Core Spray "A" Loop "C" Shroud Pipe to Collar Weld 187.5 Az	BWRVIP-18	N/A						IR1333013 - Evaluated as acceptable
Li1/P8aD	606205	N/A	RE	EVT-1	65	NRI	3/1/2012	XI-BN-8
Core Spray "B" Loop "D" Shroud Pipe to Collar Weld 172.5 Az	BWRVIP-18	N/A						

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/P8bA Core Spray "A" Loop "A" Collar to Shroud Weld 352.5 Az	606210 BWRVIP-18	N/A N/A	RE	EVT-1	55	NRI	3/2/2012	XI-BN-8
Li1/P8bB Core Spray "B" Loop "B" Collar to Shroud Weld 7.5 Az	606215 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/3/2012	XI-BN-8
Li1/P8bC Core Spray "A" Loop "C" Collar to Shroud Weld 187.5 Az	606220 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	2/26/2012	XI-BN-8
Li1/P8bD Core Spray B Loop "D" Collar to Shroud Weld 172.5 Az	606225 BWRVIP-18	N/A N/A	RE	EVT-1	40	NRI	3/2/2012	XI-BN-8
Li1/PB5 Core Spray "A" Loop "A and C" Header Pipe Bracket 195 Az	606270 BWRVIP-18	N/A N/A	RE	EVT-1	100	NRI	2/24/2012	XI-BN-8
Li1/PB6 Core Spray "A" Loop "A and C" Header Pipe Radial Bracket 247.5 Az	606275 BWRVIP-18	N/A N/A	RE	EVT-1	100	NRI	2/24/2012	XI-BN-8
Li1/PB7 Core Spray "A" Loop "A and C" Header Pipe Vertical Bracket 274.5 Az	606280 BWRVIP-18	N/A N/A	SP	EVT-1	100	RI	3/3/2012	XI-BN-8 IR1336973 - Evaluated as acceptable
Li1/S1A "A" Sparger T-Box Cover Plate Weld (352.5 Az)	606290 BWRVIP-18	N/A N/A	RE	EVT-1	90	NRI	2/29/2012	XI-BN-8
Li1/S1B "B" Sparger T-Box Cover Plate Weld (7.5 Az)	606295 BWRVIP-18	N/A N/A	RE	EVT-1	75	NRI	2/29/2012	XI-BN-8
Li1/S2aA "A" Sparger T-Box to Pipe Weld (Right Side) (352.5 Az)	606310 BWRVIP-18	N/A N/A	RE	EVT-1	20	NRI	2/29/2012	XI-BN-8
Li1/S2aB "B" Sparger T-Box to Pipe Weld (Right Side) (7.5 Az)	606320 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	2/29/2012	XI-BN-8
Li1/S2bA "A" Sparger T-Box to Pipe Weld (Left Side) (352.5 Az)	606315 BWRVIP-18	N/A N/A	RE	EVT-1	30	NRI	2/29/2012	XI-BN-8

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/S2bB "B" Sparger T-Box to Pipe Weld (Left Side) (7.5 Az)	606325 BWRVIP-18	N/A N/A	RE	EVT-1	40	NRI	2/29/2012	XI-BN-8
Li1/S3aXXC "C" Sparger Pipe to Nozzle Weld, Typical of 65 Nozzles (XX) (93 - 267 Az)	606360 BWRVIP-18	N/A N/A	RE	VT-1	100	RI	2/28/2012	XI-BN-8 IR1336081 - Evaluated as acceptable
Li1/S3bXXC "C" Sparger Nozzle to Orifice Weld, Typical of 65 Orifices (XX) (93 - 267 Az)	606380 BWRVIP-18	N/A N/A	RE	VT-1	100	RI	2/28/2012	XI-BN-8 IR1336081 - Evaluated as acceptable
Li1/S3dXXC "C" Sparger Nozzle Stitch Welds, 2 Welds 180 Deg Apt, Mult Plcs Ea Noz. (93 - 267 Az)	606420 BWRVIP-18	N/A N/A	RE	VT-1	100	RI	2/28/2012	XI-BN-8 IR1336081 - Evaluated as acceptable
Li1/S4aA "A" Sparger Pipe to End Cap Weld (Right Side) (88 Az)	606450 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	2/29/2012	XI-BN-8
Li1/S4aB "B" Sparger Pipe to End Cap Weld (Right Side) (88 Az)	606455 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	2/29/2012	XI-BN-8
Li1/S4bA "A" Sparger Pipe to End Cap Weld (Left Side) (273 Az)	606470 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	2/28/2012	XI-BN-8
Li1/S4bB "B" Sparger Pipe to End Cap Weld (Left Side) (273 Az)	606475 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	2/28/2012	XI-BN-8
Li1/SB01 "A and B" Sparger Bracket and Shroud Attachment Welds (7.5 Az)	606490 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	2/29/2012	XI-BN-8
Li1/SB02 "A and B" Sparger Bracket and Shroud Attachment Welds (44 Az)	606495 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	2/29/2012	XI-BN-8
Li1/SB03 "A and B" Sparger Bracket and Shroud Attachment Welds (84 Az)	606500 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	2/29/2012	XI-BN-8

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SB10 "A and B" Sparger Bracket and Shroud Attachment Welds (276 Az)	BWRVIP-18	N/A N/A	RE	VT-1	50	NRI	2/28/2012	XI-BN-8
Li1/SB11 "A and B" Sparger Bracket and Shroud Attachment Welds (316 Az)	BWRVIP-18	N/A N/A	RE	VT-1	80	RI	2/29/2012	XI-BN-8 IR1335526 - Evaluated as acceptable
Li1/SB12 "A and B" Sparger Bracket and Shroud Attachment Welds (352.5 Az)	BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	2/29/2012	XI-BN-8
Li1/SDBH1a Steam Dryer Bottom Horizontal weld on edge of Hood No. 1 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDBH1b Steam Dryer Bottom Horizontal weld on edge of Hood No. 1 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDBH6a Steam Dryer Bottom Horizontal weld on edge of Hood No. 6 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDBH6b Steam Dryer Bottom Horizontal weld on edge of Hood No. 6 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDCN Steam Dryer Cam Nuts (48 locations)	BWRVIP-139	N/A N/A	SP	VT-1-89	100	RI	3/1/2012	XI-BN-01 IR1335655 - Evaluated as acceptable
Li1/SDDC3a Steam Dryer Drain Channel No. 3 Vertical Weld to Skirt (184 Az)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDDC3b Steam Dryer Drain Channel No. 3 Vertical Weld to Skirt (229 Az)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDDC3c Steam Dryer Drain Channel No. 3 Horizontal Weld to Support Ring (184 - 229 Az)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SDEB1a Steam Dryer End Bank vertical weld on curved side of Hood No. 1 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDEB1b Steam Dryer End Bank vertical weld on perforated side of Hood No. 1 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDEB1c Steam Dryer End Bank vertical weld on curved side of Hood No. 1 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDEB1d Steam Dryer End Bank vertical weld on perforated side of Hood No. 1 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	90	NRI	3/1/2012	XI-BN-01
Li1/SDEB6a Steam Dryer End Bank vertical weld on curved side of Hood No. 6 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDEB6b Steam Dryer End Bank vertical weld on perforated side of Hood No. 6 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	90	NRI	3/1/2012	XI-BN-01
Li1/SDEB6c Steam Dryer End Bank vertical weld on curved side of Hood No. 6 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/23/2012	XI-BN-01
Li1/SDEB6d Steam Dryer End Bank vertical weld on perforated side of Hood No. 6 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	90	NRI	3/1/2012	XI-BN-01
Li1/SDHS1a Steam Dryer Hood Seam Weld 1a	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS1b Steam Dryer Hood Seam Weld 1b	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS1c Steam Dryer Hood Seam Weld 1c	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SDHS1d Steam Dryer Hood Seam Weld 1d	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS2a Steam Dryer Hood Seam Weld 2a	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS2b Steam Dryer Hood Seam Weld 2b	BWRVIP-139	N/A N/A	RE	VT-1-89	90	NRI	3/1/2012	XI-BN-01
Li1/SDHS2c Steam Dryer Hood Seam Weld 2c	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDHS2d Steam Dryer Hood Seam Weld 2d	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/24/2012	XI-BN-01
Li1/SDHS2e Steam Dryer Hood Seam Weld 2e	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS4a Steam Dryer Hood Seam Weld 4a	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDHS4b Steam Dryer Hood Seam Weld 4b	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDHS4c Steam Dryer Hood Seam Weld 4c	BWRVIP-139	N/A N/A	RE	VT-1-89	90	NRI	3/1/2012	XI-BN-01
Li1/SDHS4d Steam Dryer Hood Seam Weld 4d	BWRVIP-139	N/A N/A	SP	VT-1-89	100	RI	3/1/2012	XI-BN-01 IR1336995 - Evaluated as acceptable
Li1/SDHS4e Steam Dryer Hood Seam Weld 4e	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDHS6a Steam Dryer Hood Seam Weld 6a	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS6b Steam Dryer Hood Seam Weld 6b	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDHS6c Steam Dryer Hood Seam Weld 6c	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SDHS6d Steam Dryer Hood Seam Weld 6d	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDLR 041.5 Az Steam Dryer Lifting Rod 41.5 Degree Azimuth	N/A	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDLR 138.5 Az Steam Dryer Lifting Rod 138.5 Degree Azimuth	N/A	N/A N/A	RE	VT-1-89	100	NRI	2/29/2012	XI-BN-01
Li1/SDLR 221.5 Az Steam Dryer Lifting Rod 221.5 Degree Azimuth	N/A	N/A N/A	RE	VT-1-89	100	NRI	3/1/2012	XI-BN-01
Li1/SDLR 318.5 Az Steam Dryer Lifting Rod 318.5 Degree Azimuth	N/A	N/A N/A	RE	VT-1-89	100	RI	3/1/2012	XI-BN-01 IR1336601 - Evaluated as acceptable
Li1/SDLRDTW Steam Dryer Lifting Rod D (318.5 deg) tack welds	BWRVIP-139	N/A N/A	RE	VT-1-89	100	RI	3/1/2012	XI-BN-01 IR1336601 - Evaluated as acceptable
Li1/SDMWa Steam Dryer Man Way weld (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDMWb Steam Dryer Man Way weld (90 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDMWc Steam Dryer Man Way weld (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDMWd Steam Dryer Man Way weld (270 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/22/2012	XI-BN-01
Li1/SDPP2a Steam Dryer Plenum Partition on Hood No. 2 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDPP2b Steam Dryer Plenum Partition on Hood No. 2 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Li1/SDPP3a Steam Dryer Plenum Partition on Hood No. 3 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	2/23/2012	XI-BN-01

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SDPP3b		N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Steam Dryer Plenum Partition on Hood No. 3 (180 deg side)	BWRVIP-139	N/A						
Li1/SDPP4a		N/A	RE	VT-1-89	100	NRI	2/23/2012	XI-BN-01
Steam Dryer Plenum Partition on Hood No. 4 (0 deg side)	BWRVIP-139	N/A						
Li1/SDPP4b		N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Steam Dryer Plenum Partition on Hood No. 4 (180 deg side)	BWRVIP-139	N/A						
Li1/SDSB 004 Az	604970	B-N-2	SP	VT-3	100	RI	3/2/2012	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						IR1336953 - Evaluated as acceptable
Li1/SDSB 094 Az	604980	B-N-2	SP	VT-3	100	RI	2/28/2012	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						IR1336953 - Evaluated as acceptable
Li1/SDSB 184 Az	604990	B-N-2	SP	VT-3	100	RI	2/23/2012	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						IR1336953 - Evaluated as acceptable
Li1/SDSB 184 Az	604990	B-N-2	RE	EVT-1	80	NRI	2/23/2012	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/SDSB 274 Az	605000	B-N-2	SP	VT-3	100	RI	2/23/2012	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						IR1336953 - Evaluated as acceptable
Li1/SDTH1		N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-01
Steam Dryer Top Horizontal weld on Hood No. 1	BWRVIP-139	N/A						
Li1/SH/SS	605050	N/A	SP	VT-3/VT-1-89	100	RI	2/24/2012	XI-BN-02
Shroud Head/ Steam Separator Assembly, 48 Shroud Head Bolts, Lugs, Brackets, Welds and Surfaces	N/A	N/A						IR1331975 - Evaluated as acceptable
Li1/SSB 030 Deg Lower	604780	B-N-2	RE	VT-1	70	NRI	3/3/2012	XI-BNN
Surveillance Specimen Bracket Attachment Weld to RPV	BWRVIP-48	B13.20						

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SSB 030 Deg Upper Surveillance Specimen Bracket Attachment Weld to RPV	604790 BWRVIP-48	B-N-2 B13.20	RE	VT-3	100	NRI	3/3/2012	XI-BNN
Li1/SSB 120 Deg Lower Surveillance Specimen Bracket Attachment Weld to RPV	604810 BWRVIP-48	B-N-2 B13.20	RE	VT-1	100	NRI	2/25/2012	XI-BNN
Li1/SSB 120 Deg Upper Surveillance Specimen Bracket Attachment Weld to RPV	604820 BWRVIP-48	B-N-2 B13.20	RE	VT-3	95	NRI	2/25/2012	XI-BNN
Li1/SSH 030 Deg Surveillance Specimen Holder	604770 N/A	N/A N/A	SP	VT-3	100	NRI	3/4/2012	XI-BN-12
Li1/SSH 120 Deg Surveillance Specimen Holder	604800 N/A	N/A N/A	SP	VT-3	100	NRI	3/5/2012	XI-BN-12
Li1/SSH 300 Deg Surveillance Specimen Holder	604830 N/A	N/A N/A	SP	VT-3	100	NRI	3/4/2012	XI-BN-12
Li1/SSLR 059.5 Az Steam Separator Lifting Rod 59.5 Degree Azimuth	 N/A	N/A N/A	RE	VT-1-89	100	RI	3/2/2012	XI-BN-02 IR1331975 - Evaluated as acceptable
Li1/SSLR 142.5 Az Steam Separator Lifting Rod 142.5 Degree Azimuth	 N/A	N/A N/A	RE	VT-1-89	100	NRI	3/2/2012	XI-BN-02
Li1/SSLR 239.5 Az Steam Separator Lifting Rod 239.5 Degree Azimuth	 N/A	N/A N/A	RE	VT-1-89	95	NRI	3/2/2012	XI-BN-02
Li1/SSLR 322.5 Az Steam Separator Lifting Rod 322.5 Degree Azimuth	 N/A	N/A N/A	RE	VT-1-89	95	NRI	3/2/2012	XI-BN-02
Li1/TG Top Guide Assembly - Welds and Surfaces	605070 BWRVIP-183	B-N-2 B13.40	BL	EVT-1	100	NRI	2/28/2012	XI-BN-07 PG. 1 TG Beam Cell 14-47, 18-07, 18-55, 22-23, 22-39, 30-51, 38-23, 46-47, 50-47, and 54-35
Li1/V07 Core Shroud Vertical Weld - Plate to Plate Welds Between H01 And H02 - 45 Deg Az.	 BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	71.2	NRI	2/24/2012	XI-BN-10

Section 1: Limerick 1R14 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/V08 Core Shroud Vertical Weld - Plate to Plate Welds Between H01 And H02 - 225 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	66.9	NRI	3/3/2012	XI-BN-10
Li1/V15 Core Shroud Vertical Weld - Plate to Plate Welds Between H03 And H04 - 135 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	77.5	NRI	3/5/2012	XI-BN-10
Li1/V16 Core Shroud Vertical Weld - Plate to Plate Welds Between H03 And H04 - 315 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	78.9	NRI	3/4/2012	XI-BN-10
Li1/V17 Core Shroud Vertical Weld - Plate to Plate Welds Between H04 And H05 - 45 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	RE	UT	89.7	RI	3/4/2012	XI-BN-10 ECR LG 12-00109 evaluated as acceptable
Li1/V18 Core Shroud Vertical Weld - Plate to Plate Welds Between H04 And H05 - 225 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	RE	UT	91.3	RI	3/3/2012	XI-BN-10 ECR LG 12-00109 evaluated as acceptable
Li1/V25 Core Shroud Vertical Weld - Plate to Plate Welds Between H06 And H07 - 135 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	70.9	NRI	3/5/2012	XI-BN-10
Li1/V26 Core Shroud Vertical Weld - Plate to Plate Welds Between H06 And H07 - 315 Deg Az.	BWRVIP-76 / B-N-2	B-N-2 B13.40	BL	UT	90.2	NRI	3/4/2012	XI-BN-10

Limerick Unit 1

Number and Percentage of ISI Examinations Completed

Category	Notes	Total Exams in the Interval	Exams in Period 1		Percentage for Period 1	Exams in Period 2	Percentage for Period 2	Exams in Period 3		Percentage for Period 3
			1R12	1R13		1R14		1R15	1R16	
B-A		30	7	0	23.3%	9.5	31.6%			
B-D	1	34	14	6	35.3%	8	23.5%			
B-G-1		336	0	104	30.9%	120	35.7%			
B-G-2	3	N/A	7	3	N/A	1	N/A			N/A
B-K	12	3	0	1	33.3%	1	33.3%			
B-L-2	3	1	0	0	N/A	0	N/A			N/A
B-M-2	3	21	4	1	N/A	0	N/A			N/A
B-N-1	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-N-2	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-P		10	2	2	40.0%	2	20.0%			
C-A		4	0	1	25.0%	1	25.0%			
C-B		4	0	1	25.0%	1	25.0%			
C-C		15	3	0	20.0%	6	40.0%			
C-G		8	3	0	37.5%	2	25.0%			
C-H	4, 5	143	26	22	34.3%	1 / 32	22.4%			
D-A		16	5	2	43.8%	4	25.0%			
D-B	4, 5	128	21	20	33.6%	2 / 24	18.8%			
F-A		344	72	13	24.9%	136	39.5%			
R-A	6, 11	111	17	14	24.6%	38	34.2%			

Number and Percentage of Containment ISI Examinations Completed

Category	Notes	Total Exams in the Interval	Exams in Period 1		Percentage for Period 1	Exams in Period 2	Percentage for Period 2	Exams in Period 3		Percentage for Period 3
			1R12	1R13		1R14		1R15	1R16	
E-A	7, 10	27	9	0	33.3%	9	33.3%			
E-C	9	0	0	0	N/A	0	N/A			N/A
L-A	8	9	3	0	N/A	3	N/A			N/A

Notes

1 Relief Request I3R-14 was approved to implement code case N-702; this reduced the number of RPV nozzles required to be inspected. This was implemented in 1R13. Of the 20 inspections performed during the first period only 12 inspections are credited to the total inspections.

2 Relief Request I3R-03 was approved to use the BWRVIP guidelines for examining these welds. No counts will be recorded for these categories.

3 Inspections are only required when components are disassembled; no percentages will be determined for this category.

4 Examinations reported in the second period were credited for both the first and second period. The first number is the examinations credited for the first period and the second number is credited for the second period. The percentage for the first period includes the examinations reported in the second period but credited to the first period.

5 The remainder of the examinations will be completed during the remainder of the second period and reported in the next report.

6 The total number of components changed during the second period based on the PRA update.

7 The examinations performed for item number E1.11 bolting will not be recorded in the examination totals or the percentages because these inspections are only performed when the bolting is disconnected.

8 The code requirement is to complete the examination every 5 years, since the inspections can only be completed during an outage the examinations are completed every 4 years. The code percentages are not required for this category.

9 There are no components contained in this category. The suppression pool inspection for the coatings maintenance plan identified a number of plates that will be classified IWE Category E-C in the next period.

10 Examinations for item number E1.20 are only required once per interval. These examinations were completed in 1R13 and 1R14 however, the examinations are not counted in the completion percentage for Category E-A.

11 The total examinations for Category R-A do not include the VT-2 inspections on socket welds that are completed each outage.

12 Credit is only taken for one of the components inspected during this period.

Section 2: Summary of Conditions Observed

As a result of the examinations performed during the Limerick Generating Station Unit 1, Refuel Outage 14, there were no new indications requiring flaw evaluations that are reportable to the NRC, either by ASME Section XI requirements or BWRVIP protocol. Numerous other conditions were recorded and subsequent examinations and/or evaluations determined all conditions to be either non-relevant or geometric in nature.

The following is a summary of the significant indications identified during the inspections.

Component	Reference	Description and Resolution
HBC-152-003F	IR 1173559 C0236858	Pinhole leak identified on ESW piping. Replaced piping on 3/9/11
HBC-143-03	IR 1114013 C0236810	Pinhole leak identified on ESW piping. Base metal repair performed on 3/11/11
HBC-082-01	IR 1244448 C0239201	Pinhole leak identified on ESW piping. Base metal repair performed during 1R14
HBC-141-04	IR 1293854 C0240743	Pinhole leak identified on ESW piping. Base metal repair performed during 1R14
Component	**Reference**	**Description and Resolution**
10S199-DWH	IR 1332997	Indications Identified on Drywell Head Several indications were identified on the drywell head: 1. Bolt support between 51 and 52 has apparent impact damage. 2. Paint is chipped between all of the bolts. 3. Paint is chipped at various locations on the ID and OD of the head. Evaluated to be acceptable until a coating repair in 1R15.
APE-1MS-HHA1	IR 1333019	Support nut has a slight gap on one side; the other side is tight Evaluated to be acceptable, a straight edge determined the nut was not misaligned.
DCA-101-H003	IR 1338149	The variable support was found outside the acceptance criteria. Determined to be a failure; the cause was concluded to be the initial setup of the support. The support has two spring cans that do not carry the piping load equally. The as found loads were reversed in the field. The support was reworked to return the support to the design condition. Code Case N-586-1 reviewed the other supports on Feedwater, RWCU, Main Steam, and Reactor Recirculation and determined no other support had a configuration similar to this support, no additional inspections were required. Successive examinations were scheduled for the next period.
DCA-185-E01-H001 DCA-185-E01-H005	IR 1335559	The variable supports were found outside the acceptance criteria. Determined to be a failure; the supports were reworked to return the supports to the design condition. Code Case N-586-1 determined the cause to be previously performed physical work on the piping caused a change in the load set. The scope expansion was to inspect the other drain lines off Reactor Recirculation that had physical work completed. The scope expansion was 5 additional supports. Successive examinations were scheduled for the next period.
DCA-177-E01-H007	IR 1336918	Additional examination for IR 1335559; variable support was found outside the acceptance criteria. Determined to be a failure; the support was reworked to return the support to the design condition. No additional scope expansion because the support was part of the targeted scope expansion identified in the Code Case N-586-1 evaluation for IR 1335559. Successive examination was scheduled for the next period.
GBB-112-H001	IR 1330590	Examination found no lock nuts on the support base. Review of the installation specification determined lock nuts were not required. The support was installed per the installation specification.
GBB-112-H901	IR 1330591	Examination found no lock nuts on the support base. Review of the installation specification determined lock nuts were not required. The support was installed per the installation specification.

HBB-120-H023	IR 1331128	Examination identified minor surface defects in the concrete under the support's base. An evaluation determined the defects did not affect the structural integrity of the support. The support is acceptable in the as found condition.
HBC-138-H025	IR 1335829	Examination identified the support gap was too large. A re-examination of the gaps determined the gaps were acceptable; the support is acceptable in the as found condition.
VRR-1RS-HHA7	IR 1332450	Examination identified the support rod was touching the grading; no indications were observed on the support rod. The support was determined to be acceptable and the grading was moved.
VRR-1RS-1A N1A	IR 1331737	Examination identified the weld was discolored. The discoloring washed off the weld and a surface exam was satisfactory performed on the weld. The weld was acceptable.
10S199-SPL-SS 10S199-VS-SPSS	IR 1364843	Examinations of the suppression pool identified a number of conditions. These conditions are described and evaluated in the Limerick Suppression Pool section of this report.

Component	Reference	Description and Resolution
Steam Separator	12-01 IR 1331975 12-02 IR 1331969 12-07 IR 1333563 12-17 IR 1336992	Outer Standpipe Tie Straps: No changes in these conditions have occurred since the previous inspection. Upper Support Ring Gussets (USRG): No changes noted in the previously identified deformation to 14 of 24 USRGs. Mid Support Ring Gussets (MSRG): No changes noted to previously identified indications on MSRGs with the exception of one new indication small indication on MSRG 14 and small growth on the indication on MSRG 06. Lifting Lug Assembly at 59.5 deg: No changes were found to the linear indication since the previous inspection, and it was measured to be approximately 2 inches long. All indications on the steam separator were evaluated as acceptable without repair per IR 1331975-02.
Jet Pump AS-1 Set Screws	12-03 IR 1332291 12-03R1 IR 1335532	Vessel side set screw gaps found during Li1R14 are as follows: JP 1 - 0.011" JP 3 - 0.003" (No apparent change; previous gap = 0.004" (Li1R13)) JP 4 - 0.006" JP 5 - 0.012" JP 6 - 0.005" JP 7 - 0.017" JP 9 - 0.003" (Gap has decreased from 0.013" in Li1R13) JP 11 - 0.010" JP 17 - 0.009" JP 18 - 0.003" No gaps were identified on the shroud side set screws. All vessel side gaps were evaluated as acceptable except for JP07, which required an auxiliary wedge to be installed per IR 1335532-A02.

Jet Pump Wedge Assemblies	12-04 IR 1332153 12-04R1 IR 1335602	Minor wedge wear and/or wedge rod wear was identified on jet pumps 2, 4, 8, 9, 17, 18, 19, and 20. Specific Li1R14 findings include: . Jet Pump # 2: Minor wedge rod wear noted at the top surface of the main wedge. This minor wear has not been identified previously. Jet Pump # 4: Minor wedge rod wear noted at the top and bottom surface of the main wedge. The wear on top is unchanged from last outage. A slight increase in wear has occurred on the wedge rod at the bottom surface. Jet Pump # 8: Minor wedge rod wear noted at the bottom surface of the main wedge. No change in wear since the last inspection performed in Li1R13. Jet Pump # 9: Rolled metal on the main wedge-bearing surface. The wedge had shifted off of its pad. Expanded scope was performed on the wedge rod at the top and bottom surface with no recordable indications identified. Jet Pump # 17: The wedge had shifted off of its pad since the last inspection was performed in Li1R13. Jet Pump # 18: Minor wear on the main wedge-to-restrainer bracket interface, and minor wear on the wedge rod at both the top and bottom surfaces of the main wedge. The wear at all three locations has not changed since last outage (Li1R13). Jet Pump # 19: Minor wear on the main wedge-to-restrainer bracket interface, and minor wear on the wedge rod at both the top and bottom surfaces of the main wedge. The wear at all three locations has not changed since last outage (Li1R13). Jet Pump # 20: Minor wear on the main wedge-to-restrainer bracket interface, and minor wear on the wedge rod at both the top and bottom surfaces of the main wedge. The wear at all three locations has not changed since last outage (Li1R13). . All indications evaluated as acceptable per IR 1335602-02. No repair hardware was required.
Jet Pump Set Screw Tack Weld	12-05, 12-05R1 IR 1335582	There were no changes to previously identified cracked set screw tack welds on jet pumps 8, 12, 14, 17 and 19. However, a new cracked tack weld was discovered on the shroud side set screw of jet pump 1. This indication was identified on the left side tack weld of the shroud side set screw. The right side tack weld was verified to be intact. All indications were evaluated as acceptable without repair per IR 1335582-02.
Core Spray Piping P3bA and P8aC	12-06 IR 1333013	A new indication was visually identified by EVT-1 during Li1R14 on the P3bA weld to the left of the first indication on the header piping. A review of the UT data from Li1R13 finds that this new indication, identified with EVT-1 during the 1R14 outage, was part of the same flaw detected during the UT examination in Li1R13. Therefore, this indication is not new. It existed previously and has not changed. The condition of P3bA was evaluated as acceptable per IR 1333013-04. . No change noted to a previously identified indication on the P8aC weld. Evaluated as acceptable per IR 1333013-03.
CS Sparger Bracket - SB11	12-08 IR 1335526	No changes noted to previously identified indication on CS Sparger Bracket SB11. Evaluated as acceptable per IR 1335526-02.
Steam Dryer Cam Nuts (SDCN)	12-09 IR 1335655	A total of 20 cam nuts and/or washers were identified with indications on SDCN # 04, 15, 17, 18, 19, 20, 22, 23, 24, 26, 28, 31, 32, 35, 37, 39, 40, 42, 43, and 47. Eight (8) Cam Nuts were found with no apparent change from the previous inspections and 12 Cam Nuts were found to have new indications in the slot areas. All were evaluated as acceptable and none required repair per IR 1335655-02.
CS Sparger Nozzle Damage	12-10 IR 1336081	Minor damage was identified on the # 54c Core Spray Sparger Nozzle at 268 degrees. This indication was evaluated as acceptable without repair per IR 1336081-02
JP Slip Joint Clamp Wear	12-11 IR 1336082	No changes identified from the previous condition of JP11 and 17 slip joint clamps, however, increased wear between the middle strut and diffuser top contact area was identified on JP19 slip joint clamp. All indications were evaluated as acceptable with no repairs required per IR 1336082-02.

FW Sparger End Brackets	12-12 IR 1336083	The nut on the feedwater sparger end bracket pins have traveled down to touch the tack weld at the bottom of the pin on 8 of 12 pins. Minor wear was observed on bracket top outboard side of feedwater sparger end bracket pins at 185, 235, 295, and 305 deg. The pin at 295 deg has rotated and the pin at 305 shows minor movement in the lower plate. These conditions were evaluated as acceptable without repair per IR 1336083-02.
Steam Dryer Support Bracket (SDSB)	12-13 IR 1336953	Wear was observed on all four of the SDSBs, which are located at 4, 94, 184, and 274 degrees. No appreciable changes were noted to the previous conditions with the exception of one location. The 94 degree SDSB top surface has shown a minor increase in wear between the Li1R13 and Li1R14 results. All indications were evaluated as acceptable without repair per IR 1336953-02.
Core Spray Piping Bracket - PB07	12-14 IR 1336973	No changes noted to previously identified indications on Core Spray Pipe Bracket PB07. Evaluated as acceptable per IR 1336973-02.
Steam Dryer Lifting Rod – 318.5 deg	12-15 IR 1336601	No changes noted to previously identified indication on the steam dryer lifting rod at 318.5 degrees. Evaluated as acceptable without repair per IR 1336601-02.
Jet Pump 13/14 RS-9	12-16 IR 1336977	Re-examination in Li1R14, with additional lighting and cleaning Performed has shown a decrease in indication size from 0.372" to 0.265". Evaluated as acceptable without repair per IR 1336977-02.
Steam Dryer Hood Seam Weld # 4d (SDHS4d)	12-18 IR 1336995	No changes noted to a previously identified indication on the top of SDHS4d. Evaluated as acceptable without repair per IR 1336995 -02.
Core Shroud Welds	IR 1335709 ECR LG 12-00109	Indications were identified on H1, H4, V17, and V18 and evaluated under ECR LG 12-00109. No indications were identified on V7, V8, V15, V16, V25, and V26. Reference IR 1335709.

Snubbers:
Functional testing of snubbers was performed during Li1R14 in accordance with Limerick Unit 1 Technical Specifications 4.7.4.e and Surveillance Test ST-1-103-300-1. The sample selection included the following:

- 37 PSA mechanical snubbers were functionally tested as part of the 37 test plan
- 26 Lisega hydraulic snubbers were functionally tested as part of the 13.3% test plan
    - o One hydraulic snubber failed its functional test (DCA-151-J01-H007), which required a scope expansion. Reference IR 1332980.
    - o Scope expansion consisted of 13 Lisega hydraulic snubbers; all functionally tested satisfactorily.
- 1 PSB compensating strut was functional tested as part of the 13.3% test plan

The following activities were also performed on snubbers during Li1R14:

- 50 mechanical snubbers were regreased per PM program
- 4 snubbers were retested as a result of functional test failures in Li1R13
    - o One Lisega hydraulic snubber failed its retest (DCA-318-H002) and was replaced with a PSA-35 mechanical snubber. Reference IR 1330875
- 3 mechanical snubbers were tested and replaced under the service life monitoring program

Shroud Inspection Results:
During Li1R14, two core shroud horizontal welds (H1 and H4) and eight vertical welds (V7, V8, V15, V16, V17, V18, V25, and V26) were inspected by UT from two sides as required by BWRVIP-76. Indications were identified on 4 welds (H1, H4, V17 and V18) and were evaluated as acceptable for one cycle of continued operation by Structural Integrity Associates. The evaluation was approved via ECR LG 12-00109 and processed into the Site Records Management system (EDMS). Specific findings, coverage, and safety factors after one cycle of crack growth are identified in the table below:

Weld ID	% of weld length examined	% of weld length flawed	% of weld length examined from opposing sides	Safety Factor projected to Li1R15	Re-inspection or Re-evaluation Required
H1 LKDN	50.1%	0%	47.7%	18.64 Upset / 9.47 Faulted	Li1R15
H1 LKUP	75.3%	67.2%			
H4 LKDN	96.9%	62.5%	96.2%	21.63 Upset / 11.77 Faulted	Li1R15
H4 LKUP	99.3%	12.8%			
V7	82.4%	0%	71.2%	N/A	Li1R19
V8	80.2%	0%	66.9%	N/A	Li1R19

Weld ID	% of weld length examined	% of weld length flawed	% of weld length examined from opposing sides	Safety Factor projected to Li1R15	Re-inspection or Re-evaluation Required
V15	80.0%	0%	77.5%	N/A	Li1R19
V16	81.3%	0%	78.9%	N/A	Li1R19
V17	91.6%	6.7%	89.7%	9.13 Normal / 8.95 Faulted	Li1R15
V18	92.6%	4.2%	91.3%	5.63 Normal / 5.53 Faulted	Li1R15
V25	78.9%	0%	70.9%	N/A	Li1R19
V26	92.7%	0%	90.2%	N/A	Li1R19

Limerick Suppression Pool:
During the Li1R14 refueling outage an inspection was performed of the submerged portion of the suppression pool. This inspection was performed per the Coating Maintenance Plan. The ISI inspection of the submerged portion of the suppression pool (Category E-A Item E1.12 "Wetted Surfaces of Submerged Areas") will be completed during the third period of the second interval for Containment ISI (1R15 or 1R16).

Limerick Specification NE-101 contains the criteria for a metal repair of the liner. A metal repair of the liner is required for any localized areas of general corrosion less than 2.5 inches in diameter with a depth of 187 mils and for areas larger than 12.5 inches in diameter with a depth of 125 mils. For areas between 2.5 and 12.5 inches in diameter the depth can be determined using a table in, NE-101; these areas will be greater than 125 mils in depth. The acceptance criteria for the coating maintenance plan is local recoating of areas with general corrosion that exhibit greater than 25 mils plate thickness loss, spot recoating of localized corrosion greater than 50 mils deep, and recoating of plates with greater than 25 percent coating depletion. The following components failed to meet one or more of the new criteria. Plates or components that are equal to the acceptance criteria have also been added to the list.

Floor plates
1-FP-01A: 25% loss of coating and 25 mils general metal loss
1-FP-02A: 50% loss of coating
1-FP-03A: 45% loss of coating
1-FP-04A: 35% loss of coating and 35 mils general metal loss
1-FP-05A: 30% loss of coating
1-FP-06A: 52% loss of coating
1-FP-07A: 45% loss of coating
1-FP-08A: 25% loss of coating
1-FP-09A: 42% loss of coating
1-FP-10A: 27% loss of coating
1-FP-01B: 25 mils general metal loss and 1 localized area with a depth of 102.5 mils (spot recoated)
1-FP-01C: 1 localized area with a depth of 57.7 mils (spot recoated)
1-FP-04C: 32% loss of coating
1-FP-05C: 25% loss of coating and random localized areas with a max depth of 55 mils (not recoated)
1-FP-06C: 1 localized area with a depth of 61.3 mils (spot recoated)
1-FP-07C: localized areas with a max depth of 55 mils (not recoated)
1-FP-02D: 33% loss of coating
1-FP-03D: 2 localized areas with a max depth of 57.7 mils (spot recoated)
1-FP-04D: 50% loss of coating
1-FP-05D: 32% loss of coating and 8 localized area with a max depth of 50 mils (spot recoated)
1-FP-06D: 8 localized areas with a max depth of 59 mils (spot recoated)
1-FP-07D: 29 local areas with a max depth of 67.7 mils (not recoated)
1-FP-11D: 52% loss of coating

Wall Plates
1-WP-04A: 1 localized area with a depth of 52.7 mils (recoated)
1-WP-06A: 25.6% loss of coating
1-WP-08A: 27% loss of coating
1-WP-06B: 30 mils general metal loss
1-WP-07B: 30 mils general metal loss

Downcomers
1-DC-02: 30% loss of coating
1-DC-45: 30% loss of coating
1-DC-50: 25% loss of coating
1-DC-51: 25% loss of coating
1-DC-52: 45% loss of coating
1-DC-57: 25% loss of coating
1-DC-58: 25% loss of coating
1-DC-62: 30% loss of coating
1-DC-66: 25% loss of coating
1-DC-67: 30% loss of coating
1-DC-75: 25% loss of coating
1-DC-76: 25% loss of coating
1-DC-81: 30% loss of coating
1-DC-82: 30% loss of coating
1-DC-87: 30% loss of coating

The Coating Maintenance Plan inspections identified degradation in the inaccessible areas. Procedure ER-AA-330-007 was used to evaluate the condition. The procedure requires an evaluation in accordance with 10CFR50.55a shall be performed to determine the acceptability of the degradation in the inaccessible locations. This evaluation was performed under IR 1364843-A04 and is attached below.

DOCUMENT NO.: IR# 1364843-04

TITLE: Evaluation of Degradation in Unit 1 Suppression Pool Inaccessible Areas

PREFACE:

This Technical Evaluation is performed in accordance with CC-AA-309-101, Rev. 13. The Limerick Suppression Pool is safety related; therefore, an Independent Review will be performed. A Pre-Job Brief and Technical Task Risk/Rigor Assessment was performed for this evaluation in accordance with HU-AA-1212, Rev. 4. This review identified a Risk Rank of 3 (independent review by off-site specialist), based on a "Medium" Consequence Risk Factor and a "High" Probability of Error. A review of the Design Attribute Review (DAR), CC-AA-102, Rev. 23, Attachment 1 was performed, which verified that no design considerations and impacts were identified.

REASON FOR EVALUATION / SCOPE

During the Li1R14 refueling outage, an inspection was performed of the submerged portion of the suppression pool. This inspection was performed per the Coating Maintenance Plan. The ISI inspection of the submerged portion of the suppression pool (ASME Section XI (reference 1) Category E-A Item E1.12 "Wetted Surfaces of Submerged Areas") will be completed during the third period of the second interval for Containment ISI (1R15 or 1R16).

The inspection performed for the Coating Maintenance Plan identified degradation in inaccessible areas of the liner plates. The areas are classified inaccessible because the visual inspection cannot meet the inspection angles due to other components obstructing the view or other components were too close to the surface indication. These areas are behind the RHR and Core Spray Suction Strainers, under the RHR Suction Strainers, and around other structural components.

Since the Coating Maintenance Plan inspections identified degradation in the inaccessible areas, procedure ER-AA-330-007 (reference 2) was used to evaluate the condition. The procedure requires an evaluation in accordance with 10CFR50.55a shall be performed to determine the acceptability of the degradation in the inaccessible locations. 10CFR50.55a (reference 3) requires the following items be addressed:

1. Description of the type and estimated extent of the degradation, and the conditions that led to the degradation.
2. Evaluation of each area and the results of each evaluation.
3. Description of the necessary corrective actions.

This evaluation will perform the 10CFR50.55a evaluation for the degradation identified in the inaccessible areas of the submerged portion of the Limerick Unit 1 Suppression Pool.

DETAILED EVALUATION

The suppression pool is designed to have a metal liner that is supported by concrete. The liner is designed as a membrane pressure barrier. The liner function is to increase the containment integrity with regard to the ability to retain gasses and water within the containment during normal and accident conditions. A protective coating was sprayed on the liner to protect the liner from corrosion. The suppression pool liner is 1/4-inch (250 mils) carbon steel that is coated with a porous zinc coating.

The zinc coating protects the metal surface because the zinc preferentially sacrifices itself to the corrosion. As the zinc corrodes, the amount of protection of the metal surface decreases, and once the zinc is depleted, the protection stops. A number of locations in the Limerick Suppression Pool have depleted the zinc coating. With the loss of the protective coating, some areas have started to corrode.

An evaluation of the corrosion of the Limerick Suppression Pool was performed by Structural Integrity Associates, titled "Corrosion Evaluation of the Limerick Mark II Containment (reference 4). This evaluation determined the corrosion occurring in the Limerick Suppression Pool is general corrosion (rust). This corrosion can be general over a large area or localized (pitting) over a smaller area.

The inspection of the submerged portion of the suppression pool is performed by qualified divers. These inspectors perform a general visual (VT-3) inspection of the liner to identify areas of degradation. The inspectors then perform a detailed visual (VT-1) inspection of the degraded areas to determine the metal loss of the degraded areas. To perform a VT-1 inspection the angle must be greater than 30-degrees from the plane of the component being inspected per ER-AA-335-014, VT-1 Visual Inspections (reference 5). Additionally, the VT-1 inspection uses depth gages to measure the metal loss on the plates. Procedure ER-AA-335-018, Visual Examination of ASME IWE Class MC and Metallic Liners of CC Components (reference 6), describes these inspections. The results of the inspections are compared to the owner defined pre-established acceptance criteria.

The Limerick acceptance criteria are contained in the Limerick Specification NE-101 (reference 7). The general corrosion allowance before requiring a metal repair is:

- General metal loss over a large area (with a diameter greater than 12.5 inches) greater than 125 mils.
- Localized metal loss (diameter less than or equal to 2.5 inches) greater than 187.5 mils.

During the 1R14 inspection of the suppression pool liner plates, a number of areas were identified to have corrosion but qualified VT-1 inspections could not be performed due to the angle of inspection. Procedure ER-AA-330-007 requires an evaluation in accordance with 10CFR50.55a(b)(2)(ix)(A) shall be performed to determine the acceptability of the degradation in these inaccessible locations.

10CFR50.55a(b)(2)(ix)(A)
For Class MC applications, the licensee shall evaluate the acceptability of inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. For each inaccessible area identified, the licensee shall provide the following in the ISI Summary Report as required by IWA-6000:

1. A description of the type and estimated extent of degradation, and the conditions that led to the degradation
2. An evaluation of each area, and the result of the evaluation, and
3. A description of necessary corrective actions

Description of Degradation
Corrosion identified in the suppression pool is general area corrosion, spot corrosion, localized general corrosion, and tiger striping.

- **General Corrosion:** Also known as "uniform corrosion". This term refers to corrosion that completely covers a surface of more than several square inches. Metal loss is generally uniform across the exposed area and typically does not involve much section loss.

- **Spot Corrosion:** Spot corrosion is simply general corrosion that presents itself as localized "spots" of exposed substrate on a coated surface. Spots are generally less than a few square inches each but may be up to several square inches. Metal loss is generally uniform across each exposed area and typically does not involve much section loss. Spot corrosion should not be confused with pitting corrosion.

- **Localized General Corrosion (Pitting):** Pitting is defined as localized corrosion with an accelerated metal loss rate. Pits present themselves as small, localized cavities in the metal surface. Pitting tends to progress rapidly through the plane of the metal rather than spread along its surface. Pits can be found individually or in large groups.

- **Tiger Striping:** Relative to coatings in immersion service, tiger striping is a condition unique to inorganic zinc-rich coatings. It is a coating condition that is found on vertical surfaces, typically in stagnant, underwater conditions. In the early stage, it appears in alternating vertical light and dark stripes within the coating itself. The light stripe usually acts as the cathode and the dark stripe as the anode. Over time, zinc in the anodic areas is depleted/consumed giving way to corrosion of the substrate. It is essentially general corrosion in dense vertically aligned corrosion nodules. Like general corrosion, associated metal loss is typically minor.

Evaluation by Area

The corrosion rates of the Limerick Unit 1 Suppression Pool have been very low. This is due to the inert atmosphere of the suppression pool during plant operations and the water quality of the suppression pool. The corrosion of the submerged portion of the suppression pool liner is being trended by the establishment of several corrosion evaluation grids. Inspections of these areas were performed during outages in 1996 and 2004 for Limerick Unit 1. The data obtained from these inspections suggests that the liner metal with no coating is experiencing an average general corrosion rate of approximately 1 to 2 mils per year. This data was obtained during underwater suppression pool liner inspections using depth gauges, including compensation for remaining coating thickness on surfaces adjoining the grid areas with material loss (reference 8).

The inspectors identified degradation in the inaccessible areas behind several obstructions during the 1R14 inspection. The inspectors performed an unqualified observation of the degraded areas in the inaccessible areas because the inspection angle was less than the 30 degree angle required by station procedures. Although the inspection was unqualified the inspectors were able to perform an assessment of the condition of the degradation in the inaccessible areas. The inspectors concluded the conditions in the inaccessible areas could be considered visually consistent with conditions reported for adjacent accessible areas (reference 9).

The following is a list of the inaccessible areas, the type of corrosion identified, a description of the corrosion adjacent to the inaccessible areas, and the area of the plates. This information was obtained from the 1R14 inspection report (reference 10) and Limerick drawing C-0281 (reference 11).

Behind 1A Core Spray Suction Strainer (1A1-F214)

Affected Plate:	1-WP-09A-4 (331.2" X 96")
Obstructed Area:	22" X 66"
Percent Obstructed:	4.57% of plate 1-WP-09A-4 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-09A-4 identified random tiger striping affecting approximately 10% of the plate with a metal loss of less than 8 mils.

Affected Plate:	1-WP-09B-4 (340.8" X 96")
Obstructed Area:	75" X 30"
Percent Obstructed:	6.88% of plate 1-WP-09B-4 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-09B-4 identified random tiger striping affecting approximately 8% of the plate with a metal loss of less than 12 mils.

Behind 1B Core Spray Suction Strainer (1B1-F214)

Affected Plate:	1-WP-03A-1 (331.2" X 96")
Obstructed Area:	66" X 38"
Percent Obstructed:	7.89% of plate 1-WP-03A-1 is obstructed
Type of Corrosion:	General Corrosion and Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-03A-1 identified: • General corrosion affecting 5% of the plate with a metal loss of less than 5 mils. • Tiger striping was identified in two areas ▪ 16.3% of the plate has dense tiger striping affecting 80% of the area with a metal loss of less than 25 mils. ▪ 7.25% of the plate has dense tiger striping affecting 40% of the area with a metal loss of less than 20 mils.

Affected Plate:	1-WP-02B-1 (331.2" X 96")
Obstructed Area:	54" X 36" (1B1-F214) and 54" X 36" (1D1-F214)
Percent Obstructed:	12.22% of plate 1-WP-02B-1 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-02B-1 identified random tiger striping affecting approximately 20% of the plate with a metal loss of less than 15 mils.

Behind 1C Core Spray Suction Strainer (1C1-F214)

Affected Plate:	1-WP-10A-4 (331.2" X 96")
Obstructed Area:	22" X 66"
Percent Obstructed:	4.57% of plate 1-WP-10A-4 is obstructed
Type of Corrosion:	Tiger Striping and General Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-10A-4 identified: • General corrosion affecting 5% of the plate with a metal loss of less than 4 mils. • The plate has random tiger striping affecting 10% of the area with a metal loss of less than 6 mils.

Affected Plate:	1-WP-10B-4 (331.2" X 96")
Obstructed Area:	75" X 30"
Percent Obstructed:	7.08% of plate 1-WP-10B-4 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-10B-4 identified random tiger striping affecting approximately 5% of the plate with a metal loss of less than 3 mils.

Behind 1D Core Spray Suction Strainer (1D1-F214)

Affected Plate:	1-WP-02A-1 (313.2" X 96")
Obstructed Area:	60" X 100"
Percent Obstructed:	19.96% of plate 1-WP-02A-1 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-02A-1 identified random tiger striping affecting approximately 15% of the plate with a metal loss of less than 5 mils.

Affected Plate:	1-WP-01B-1 (321.6" X 96")
Obstructed Area:	54" X 36" (1D1-F214)
Percent Obstructed:	6.30% of plate 1-WP-01B-1 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-01B-1 identified: • 22.38% of the plate has dense tiger striping affecting 33% of the area with a metal loss less than 5 mils • 77.11% of the plate has random tiger striping affecting approximately 16% of the area with a metal loss of less than 5 mils.

Behind 1A RHR Suction Strainer (1A1-F211 and 1A2-F211)

Affected Plate:	1-WP-07A-3 (331.2" X 96")
Obstructed Area:	The entire plate was classified as inaccessible. Both the 1A and 1C Suction Strainers are located on this wall plate. The wall plate closest to the 1A suction strainers is 1-WP-08A-3
Percent Obstructed:	100% of plate 1-WP-07A-3 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of plate 1-WP-08A-3 (100% accessible) identified minor tiger striping affecting approximately 30% of the plate with a metal loss of less than 20 mils. There are no inaccessible areas on plate 1-WP-08A-3.

Affected Plate:	1-WP-07B-3 (378" X 96")
Obstructed Area:	40" X 56"
Percent Obstructed:	6.17% of plate 1-WP-07B-3 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-07B-3 identified dense tiger striping affecting approximately 30% of the plate with a metal loss of less than 30 mils.

Affected Plate:	1-FP-10C-3 (Area 13896 square inches)
Obstructed Area:	38" X 34" (1A1-F211) and 38" X 30" (1A2-F211)
Percent Obstructed:	17.5% of plate 1-FP-10C-3 is obstructed
Type of Corrosion:	Spot Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-FP-10C-3 identified two areas of spot corrosion: ▪ 1.04% of the plate is affected at a rate of 20 per square foot with a metal loss of less than 5 mils. ▪ 1.04% of the plate is affected at a rate of 10 per square foot with a metal loss of less than 5 mils.

Behind 1B RHR Suction Strainer (1B1-F211 and 1B2-F211)

Affected Plate:	1-WP-05A-2 (331.2" X 96")
Obstructed Area:	240" X 96" Both the 1B and 1D Suction Strainers are located on this wall plate. The accessible area of 1-WP-05A-2 is closer to the 1B RHR Suction Strainer so the condition of this plate will be evaluated.
Percent Obstructed:	72.46% of plate 1-WP-05A-2 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-05A-2 identified random tiger striping affecting approximately 20% of the plate with a metal loss of less than 10 mils.

Affected Plate:	1-WP-04B-2 (340.8" X 96")
Obstructed Area:	24" X 24"
Percent Obstructed:	1.76% of plate 1-WP-04B-2 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-04B-2 identified random tiger striping affecting approximately 10% of the plate with a metal loss of less than 15 mils.

Affected Plate:	1-WP-05B-2 (321.6" X 96")
Obstructed Area:	40" X 85" One of the 1B RHR Suction Strainers and both the 1D RHR Suction Strainers are located on this wall plate.
Percent Obstructed:	11.01% of plate 1-WP-05B-2 is obstructed.
Type of Corrosion:	Tiger Striping and Localized General Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-05B-2 identified two areas of corrosion: ▪ 100% of the plate has random tiger striping affecting 10% of the area with a metal loss of less than 5 mils. ▪ 100% of the plate is affected by localized general corrosion at a rate of 2 per square foot with a metal loss of less than 25 mils.

Affected Plate:	1-FP-10B-2 (Area 13896 square inches)
Obstructed Area:	30" X 38" (1B1-F211) and 34" X 25" (1B2-F211)
Percent Obstructed:	14.32% of plate 1-FP-10B-2 is obstructed
Type of Corrosion:	Localized General Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-FP-10B-2 identified random localized general corrosion affecting 21.36% of the plate at a rate of 25 per square foot with a metal loss of less than 25 mils.

Behind 1C RHR Suction Strainer (1C1-F211 and 1C2-F211)

Affected Plate:	1-WP-07A-3 (331.2" X 96")
Obstructed Area:	The entire plate was classified as inaccessible. Both the 1A and 1C Suction Strainers are located on this wall plate. The wall plate closest to the 1C RHR Suction Strainers is 1-WP-06A-2
Percent Obstructed:	100% of plate 1-WP-07A-3 is obstructed
Type of Corrosion:	Tiger Striping and Spot Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-06A-2 (91% accessible) identified four areas of corrosion: ▪ 9.44% of the plate has dense tiger striping affecting 80% of the area with a metal loss of less than 20 mils. ▪ 90.56% of the plate has random tiger striping affecting 20% of the area with a metal loss of less than 20 mils. ▪ 2.83% of the plate is affected by spot corrosion at a rate of 10 per square foot with a metal loss of less than 20 mils. ▪ 90.56% of the plate is affected by spot corrosion at a rate of 1 per square foot with a metal loss of less than 20 mils.

Affected Plate:	1-WP-06B-3 (276" X 96")
Obstructed Area:	40" X 56"
Percent Obstructed:	8.45% of plate 1-WP-06B-3 is obstructed
Type of Corrosion:	Tiger Striping
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-06B-3 identified minor tiger striping affecting approximately 20% of the plate with a metal loss of less than 30 mils.

Affected Plate:	1-FP-09C-3 (Area 23356.8 square inches)
Obstructed Area:	38" X 34" (1C1-F211) and 38" X 30" (1C2-F211)
Percent Obstructed:	10.41% of plate 1-FP-09C-3 is obstructed
Type of Corrosion:	Spot Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-FP-09C-3 identified two areas of corrosion: ▪ 19.73% of the plate is affected by spot corrosion at a rate of 3 per square foot with a metal loss of less than 5 mils. ▪ 15 areas of spot corrosion were identified on the plate with a metal loss of less than 5 mils.

Behind 1D RHR Suction Strainer (1D1-F211 and 1D2-F211)

Affected Plate:	1-WP-05A-2 (331.2" X 96")
Obstructed Area:	240" X 96" Both the 1B and 1D RHR Suction Strainers are located on this wall plate. The accessible area of 1-WP-05A-2 is closer to the 1B RHR Suction Strainer so the condition of the 1-WP-06A-2 will be evaluated.
Percent Obstructed:	100% of plate 1-WP-05A-2 is obstructed
Type of Corrosion:	Tiger Striping and Spot Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-06A-2 (91% accessible) identified four areas of corrosion: ▪ 9.44% of the plate has dense tiger striping affecting 80% of the area with a metal loss of less than 20 mils. ▪ 90.56% of the plate has random tiger striping affecting 20% of the area with a metal loss of less than 20 mils. ▪ 2.83% of the plate is affected by spot corrosion at a rate of 10 per square foot with a metal loss of less than 20 mils. ▪ 90.56% of the plate is affected by spot corrosion at a rate of 1 per square foot with a metal loss of less than 20 mils.

Affected Plate:	1-WP-05B-2 (321.6" X 96")
Obstructed Area:	40" X 85" One of the 1B RHR Suction Strainers and both the 1D RHR Suction Strainers are located on this wall plate.
Percent Obstructed:	11.01% of plate 1-WP-05B-2 is obstructed.
Type of Corrosion:	Tiger Striping and Localized General Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-WP-05B-2 identified two areas of corrosion: ▪ 100% of the plate has random tiger striping affecting 10% of the area with a metal loss of less than 5 mils. ▪ 100% of the plate is affected by localized general corrosion at a rate of 2 per square foot with a metal loss of less than 25 mils.

Affected Plate:	1-FP-09B-2 (Area 23356.8 square inches)
Obstructed Area:	38" X 34" (1D1-F211) and 38" X 30" (1D2-F211)
Percent Obstructed:	10.41% of plate 1-FP-09B-2 is obstructed
Type of Corrosion:	Localized General Corrosion
Extent of Corrosion:	The inspection of the accessible areas of plate 1-FP-09B-2 identified localized general corrosion affecting approximately 21.85% at a rate of 35 per square foot with a metal loss of less than 20 mils.

Several other areas were not inspected due to the storage of the vacuum filters and structure. Assignment IR 1364843-06 was generated to develop plans to inspect these areas during the next suppression pool inspection.

Corrective Actions

The station is implementing two corrective actions:

Action 1 - Develop a method to perform remote inspections of the inaccessible areas.
This action is to develop a method to perform remote inspections of the inaccessible areas around the ECCS suction strainers. If a method can be developed the area will no longer be inaccessible. The degradation will be monitored as all the accessible areas and the requirements of Limerick Specification NE-101 will be followed.

Action 2 – Remove the suction strainers to perform inspections and recoat as required.
If a remote inspection of the inaccessible areas cannot be performed, the station will remove two suction strainers each outage to make the inaccessible areas accessible. The selection of the suction strainers for removal will be based on the condition of the accessible areas around the suction strainers. If adverse conditions are identified during the inspection of the inaccessible areas, the inspection scope will expanded to the other suction strainers. When a suction strainer is removed, the degraded areas will be inspected to determine the extent of the corrosion. After the areas are inspected, the areas will be recoated to stop the corrosion.

CONCLUSIONS / FINDINGS

The visual examinations performed on the Suppression Chamber liner surfaces were performed in accordance with the requirements of the Coatings Maintenance Plan. As such, areas that could not be viewed at an angle greater than 30-deg from the plane of the component being inspected (e.g., behind and/or around ECCS strainer components) were documented as 'Inaccessible Areas.' No condition assessment was documented on the examination records since adequate visual access for a qualified VT-1 Inspection could not be achieved in these areas. In general, based on interviews with various inspectors, conditions in these "Inaccessible Areas" could be considered visually consistent with conditions reported for adjacent accessible areas.

The review of the accessible areas adjacent to the inaccessible areas found the deepest wall loss was 30 mils and the deepest floor loss was 25 mils. Limerick Specification NE-101 determined the liner is acceptable with a defect in a localized area less than or equal to 187.5 mils and a metal loss in a general area of less than or equal to 125 mils. Due to the water quality and the inert atmosphere during plant operations the corrosion rate of the Limerick Unit 1 Suppression Pool is very low.

The areas adjacent to the inaccessible areas had corrosion significantly less than the 187.5 mils (localized corrosion) and 125 mils (general corrosion). With the low corrosion rate continued operation with the corrosion in the inaccessible areas is acceptable. During the next refuel outage (1R15) the corrective actions will be implemented to either remotely inspect the inaccessible areas or remove two suction strainers to inspect and recoat the degraded areas.

REFERENCES:

1. ASME Section XI 2001 Edition with the 2003 Addenda
2. ER-AA-330-007, Visual Examination of Section XI Class MC Surfaces and Class CC Liners, Revision 8
3. 10CFR50.55a, Codes and standards, Revision April 12, 2012
4. Structural Integrity Associates Report 1101502.401,Corrosion Evaluation of the Limerick Mark II Containment, Revision 0 (IR 1364843-07)
5. ER-AA-335-014, VT-1 Visual Examination, Revision 6
6. ER-AA-335-018, Visual Examination of ASME Class MC And CC Containment Surfaces And Components, Revision 7
7. Limerick Specification NE-101, Coating And Liner Inspection/Coating Repair of Suppression Chambers, Revision 5
8. RAI B.2.1.30-4, Request for Additional Information, Explanation Of Containment Liner Thickness Will Meet The Engineering Acceptance Criteria For Structural Integrity, Dated February 28, 2012 (IR 1364843-08)
9. Email from M. Marquis (UCC) to G. Budock, Subject: Unit 1 Suppression Pool – Inaccessible Areas, Dated March 11, 2012. (IR 1364843-09)

10. 1R14 Limerick 1 Suppression Pool Inspection Records, Examination Records Transmittal Date March 7, 2012
11. C-0281, React Bldg Liner Plate Req. Floor Plan & Details # 1, 2, Revision 12

ATTACHMENTS:

None

PREPARER: G. Budock Date: 6/6/12

Independent Reviewer Comments:
I have performed an Independent Review of this technical evaluation per CC-AA-309-101. I have reviewed the reference documents and agree with the inputs. I understand the 10CFR50.55a requirements for evaluating inaccessible areas of the suppression pool and I am qualified per N-AN-ENG-CERT-PG04 (ISI/CISI/Component Support). The outputs, conclusions, and corrective actions are reasonable and well supported by the inspection results from 1R14. Minor comments were made and have been incorporated.

INDEPENDENT REVIEWER: M. Karasek Date: 6/11/12

Independent Reviewer by Off-Site Specialist Comments:
I have reviewed this technical evaluation and verified the accuracy of the inputs and compliance with the references. Corrective actions are appropriate for the conclusions/findings. Comments have been satisfactorily incorporated.

INDEPENDENT REVIEW BY OFF-SITE SPECIALIST: M. Miller Date: 6/12/12

APPROVER: M. DiRado Date: 6/15/12

Section 3: Summary of ASME Section XI Repairs and Replacements

SYSTEM 011 **EMERGENCY SERVICE WATER**

R1045065 C0232650	1B-V208 Replace ESW cooler inlet & outlet spool piece (HBC-140 and HBC-149)
C0208398	011-0031B & 0032B Replaced 6" ESW gate valve, check valve and adjacent pipe
C0226201	011-0039, 011-0040 and 011-0063 Replaced ESW valves and adjacent piping
C0234294	011-0089 Replaced 4" Check valve and adjacent piping
C0230914	011-1007 Replace 8" check valve
R1160234	011-1009 Replaced 8" check valve disc
R1074753 Supply	1A-V208 Replaced 2" HBC-140 ESW supply piping to HPCI cooler 1A-V208
R1074753 Return	1A-V208 Replaced 2" HBC-149 ESW return piping from HPCI cooler 1A-V208
C0239201	HBC-082-1 Repaired 6" ESW pipe base metal by welding
C0238642	HBC-083-001F Installed 2" ESW drain via the hot tap process
C0241808	HBC-084-H001 Rework pipe support to spec P-319 tolerance
C0240743	HBC-141-04 Repaired ESW HBC-141-04 weld 5134-413
C0241696	6" HBC-147-03 Installed reinforcing pad at 6" stub-in in accordance with design change
C0236810	6" HBC-143-03 Repaired ESW pin hole by base metal weld repair
C0236858	6" HBC-152-03 Replaced 6" ESW piping

SYSTEM 012 **RHR SERVICE WATER**

C0234456	0A-P506 Replaced RHR service water pump bowl and column assembly
R1178819	Replaced 6" flange studs and nuts on "A" Spray pond network piping
R1170268	Replaced 6" flange studs and nuts on "B" Spray pond network piping
R1178664	Replaced 6" flange studs and nuts on "C" Spray pond network piping
R1205761	Replaced 6" flange studs and nuts on "D" Spray pond network piping
C0238642 C0239018	HBC-091-H002 & H003 Removed and reinstalled 30" pipe supports for pipe replacement
C0234919	HBC-507-H003 Reworked pipe supports to comply with spec P-319 and design drawing

SYSYEM 041 **MAIN STEAM ISOLATION VALVES**

R1095890 R1050762	HV-041-1F022A Replace MSIV pneumatic control manifold
R0999683	HV-041-1F022B Rework MSIV for LLRT leakage. Replaced main poppet and stem / pilot poppet assembly
R1095889 R1050426	HV-041-1F022B Replace MSIV pneumatic control manifold
R0999693	HV-041-1F022C Rework MSIV for LLRT leakage. Replaced main poppet and stem / pilot poppet assembly.
R1095888 R1040626	HV-041-1F022C Replace MSIV pneumatic control manifold
R1095887 R1020406	HV-041-1F022D Replace MSIV pneumatic control manifold

SYSYEM 041 **MAIN STEAM RELIEF VALVES**

C0239796	PSV-041-1F013D Replaced MSRV Body S/N 164 and pilot S/N 031 With reworked body S/N 169 and pilot S/N 030
R1165544	PSV-041-1F013E Replaced MSRV Body S/N 185 and pilot S/N 004 With reworked body S/N 148 and pilot S/N 020
R1165538	PSV-041-1F013L Replaced MSRV Body S/N 186 and pilot S/N 044 With reworked body S/N 160 and pilot S/N 007
R1165534	PSV-041-1F013M Replaced MSRV Body S/N 163 and pilot S/N 039 With reworked body S/N 164 and pilot S/N 023
R1165535	PSV-041-1F013N Replaced MSRV Body S/N 183 and pilot S/N 028 With reworked body S/N 170 and pilot S/N 018
C0239356	GBC-101-H141 Rework MSRV discharge support per ECR 09-00504

SYSTEM 043 **REACTOR RECIRCULATION**

R1162430	1B-P201 Replaced reactor recirculation pump mechanical seal
C0242098	DCA-177-E01-H007 Reset 2" pipe support spring can
C0242064	DCA-185-E01-H001 Reset 2" pipe support spring can
C0242063	DCA-185-E01-H005 Reset 2" pipe support spring can
C0239368	1A /1B-P201-DR Recirc motor interference removals – Add flanges to 2" HBC-191-E4 & E5 RECW cooling water & hanger rework – ECR 09-00504

SYSTEM 044 **REACTOR WATER CLEANUP**

C0238886	4" DBB-105-1 Replaced 4" RWCU carbon steel pipe flow accelerated erosion
C0242131	DCA-101-H003 Reset RWCU spring cans for out of tolerance VT-3 exam

SYSTEM 047 **CONTROL ROD DRIVES**

R1170009	1R14 CRD Exchange and flange cap screw replacement Replaced control rod drives: 10-15, 10-47, 14-43, 18-35, 18-51, 18-55, 22-19, 26-03, 26-11, 26-35, 34-35, 34-47, 38-07, 42-47, 42-55, 46-11, 50-47, 54-19, 58-19,
R1170009	Replaced bolting on 50-15 and 54-31
C0242085	XV-047-1F181 Replaced 2" CRD globe valve stem & plug assembly

SYSTEM 048 **STAND-BY LIQUID CONTROL**

R1031339	XV-048-1F004B Replace squib assembly after ST firing
R1017630	XV-048-1F004C Replace squib assembly after ST firing

SYSTEM 049 **RCIC**

R0936302	049-1F011 Replace disc on 6" check valve
C0242025	HV-049-1F008 Replaced 3" globe valve disc and stem
C0242031	HV-049-1F080 Rework 3" MO Gate valve for failed LLRT – Replace wedge and weld build up the inside slot of the wedge
C0242264	HV-049-1F080 Cut-out and rotated 3" gate valveHV-049-1F080 from horizontal to vertical position. Replaced pipe support components to access pipe welds

SYSTEM 050 **RCIC PUMP & TURBINE**

R1100958	PSE-050-1D001 Replaced RCIC rupture disc and disc holder
R1100959	PSE-050-1D002 Replaced RCIC rupture disc and disc holder

SYSTEM 051 **RESIDUAL HEAT REMOVAL**

C0239328	HV-051-1F024A Replaced 18" globe valve disc and seal weld disc to disc nut
C0223231	HV-C-051-1F048A 18" GBB Butt welds & secure taper pins
C0228915	HV-051-1F068A Replace 20" RHRSW globe valve

SYSTEM 055 **HPCI**

C0239737	HV-055-1F006 Replaced 12" Velan gate valve wedge
C0238710	FV-056-111 Replaced steam chest studs on HPCI turbine control valve

SYSTEM 090 **CONTROL ROOM CHILLERS**

R1169278	0B-K112 Repaired control room chiller condenser by weld build-up repair

SYSTEM 092 **DIESEL GENENATORS**

C0223987	1A-P569 Replaced diesel generator engine driven air coolant pump
R1166042	XJ-011-101A Replaced Diesel generator ESW expansion joint

SYSTEM 103 **SNUBBERS**

C0238616	Rebuild and test snubbers
C0238616	Rebuild and test snubbers
A1754288 A1776181 A1776176	Snubber replacement – Lines DBD-105, JCD-111-E48, and JBD-361
A1776176	Snubber replacement – Lines XRE-1XH and JBD-361
A1776176 A1776182	Snubber replacement – Lines XRE-1XH and DCA-310
A1776181	Snubber replacement – Lines HBD-186, HBC-101, and DBA-106
A1776181	Snubber replacement – Lines DCA-318 and DCA-105-E01
A1776182 A1776181	Snubber replacement – Lines DCA-151-J01 and DCA-308-J01
A1776182 A1776181	Snubber replacement – Lines EBB-109 and SBD-143-E01
A1776351	Snubber replacement – Line STG-1MS
A1846577	Snubber replacement – Lines DCA-104 and GBB-118

ISI Summary Report
Limerick Generating Station Unit 1
Refueling Outage: 1R14
Commercial Service Date: February 1, 1986

Examination Dates
April 13, 2010 to March 22, 2012

Owner: Exelon Generating Company, LLC
200 Exelon Way
Kennett Square, PA 19348

Plant: Limerick Generating Station
3146 Sanatoga Road
Pottstown, PA 19464

Part 2

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

1. Owner Exelon Generation Company, LLC (Name) Date August 3, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 3

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1045065 & C0232650 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. HBC-140 & HBC-149 Unit Cooler 1B-V208

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
HBC-140-E1 (3) Feet 2" NPS pipe	United States Steel	Heat No. F50226	N/A	* 114-90045 PO# 009825-4530	N/A	Installed	No
HBC-140-E1 (1) 3" NPS W.N. Flange	Western Forge & Flange	Heat No. A093122 Heat Code GLB-B-1	N/A	* 114-91439 PO# 009825-4829	N/A	Installed	No
HBC-140-E1 (1) 3" x 2" Eccentric Reducer	Taylor Forge	Heat Code MTVV-1	N/A	* 114-61210 PO# 044911	N/A	Installed	No
HBC-140-E1 (1) 2" Socket Weld Flange	Western Forge & Flange	Heat No. A090309 Heat Code FVV-A-3	N/A	* 114-90527 PO# 009825-4534	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced emergency service water supply and return piping to HPCI unit cooler 1B-V208.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 123 PSI Test Temp. N/A °F.

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

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

1. Owner Exelon Generation Company, LLC (Name) Date August 3, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1045065 & C0232650 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. HBC-140 & HBC-149 Unit Cooler 1B-V208

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(d) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
HBC-140-E1 (2) 2" NPS Socket weld Elbow	Bonny Forge	Lot No. 76996	N/A	* 114-90818 PO# 009825-4665	N/A	Installed	No
HBC-140-E1 (1) 2" x 2" x 3/4" Socket Weld Tee	Bonny Forge	Lot No. 77901	N/A	* 114-98248 PO# 009825-4534	N/A	Installed	No
HBC-149-E1 (2) Feet 2" NPS pipe	Michigan Seamless Tube	Heat No. 1M35684	N/A	* 114-90045 PO# 009825-2258	N/A	Installed	No
HBC-149-E1 (1) 3" NPS W.N. Flange	Western Forge & Flange	Heat No. A090309 Heat Code FVV-A-1	N/A	* 114-91439 PO# 009825-4408	N/A	Installed	No
HBC-149-E1 (1) 3" x 2" Concentric Reducer	Taylor Forge	Heat Code MNID-1	N/A	* 114-98055 PO# 034866	N/A	Installed	No
HBC-149-E1 (1) 2" Socket Weld Flange	Western Forge & Flange	Heat No. A090309 Heat Code FVV-A-3	N/A	* 114-90527 PO# 009825-4470	N/A	Installed	No
HBC-149-E1 (2) 2" NPS Socket Weld Elbow	Bonny Forge	Lot No. 77464	N/A	* 114-90818 PO# 009825-4200	N/A	Installed	No

* Traceability per Exelon stock code number.

FORM NIS-2 (BACK)

9. Remarks : SP-HBC-149-E1 return piping was fabricated on work order C0232650, installed and tested on work order R01045065.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date August 3, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 4/20/10 to 11/29/11, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 29 NOVEMBER 2011.

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

1. Owner Exelon Generation Company, LLC (Name) Date May 19, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 3

2. Plant Limerick Generating Station (Name) Unit common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0208398 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Emergency Service Water (System 011) Line No. HBC-143-3 Valves 011-0031B and 011-0032B

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
6" Gate Valve 011-0031B	Velan	11669	N/A	* 114-47601 PO 029174	2010	Installed	Yes
6" Gate Valve 011-0031B	Velan	326	N/A	N/A	N/A	Removed	Yes
6" Check Valve 011-0032B	Velan	857643	N/A	* 114-42268 PO LS225531	1985	Installed	Yes
6" Check Valve 011-0032B	Velan	372	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced emergency service water valves and adjacent piping

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ Pressure 106 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

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

1. Owner Exelon Generation Company, LLC (Name) Date May 19, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0208398 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Emergency Service Water (System 011) Line No. HBC-143-3 Valves 011-0031B and 011-0032B

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
(1) Feet, 8" NPS Pipe	United States Steel	Heat No. X45737	N/A	* 114-90063 PO 009825-3501	N/A	Installed	No
(2) Feet, 6" NPS Pipe	United States Steel	Heat No. U21214	N/A	* 114-90062 PO 009825-4655	N/A	Installed	No
(1) 8" NPS 90 Degree Elbow	Tube Forgings of America	Heat Code V559A	N/A	* 114-84044 PO 042537	N/A	Installed	No
6" X 8" NPS Eccentric Reducer	Tube Forgings of America	Heat Code 633ZNA	N/A	* 114-91597 PO 009825-3646	N/A	Installed	No
(1) 6" NPS 90 Degree Elbow	Tube Forgings of America	Heat Code T874C	N/A	* 114-91554 PO 009825-3646	N/A	Installed	No
HBC-143-H17 (1) Ft. L4 x 4 x 1/2	Steel Dymanics	Heat No. JF 8226	N/A	* 114-92732 PO 001897-633	N/A	Installed	No
HBC-143-H17 (2) Ft. L3 x 3 x 3/8	Steel Dymanics	Heat No. JG 7203	N/A	* 114-92716 PO 001897-986	N/A	Installed	No
HBC-143-H17 1/4 " Shim Plate	NUCOR (Macsteel)	Heat No. B8Q6554	N/A	* 114-45779 PO 001897-968	N/A	Installed	No
HBC-143-H17 1/8 " Shim Plate	NUCOR (Phoenix Metals)	Heat No. S85525-07	N/A	* 114-59486 PO 001897-989	N/A	Installed	No

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

Velan 6" check valve 011-0032B is constructed in accordance with ASME III, 1971 edition with addenda through winter 1972.

Velan 6" gate valve 011-0031B is constructed in accordance with ASME III, 1971 edition with addenda through summer 1973.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, Site weld administrator Date May 19, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/11/11 to 7/15/11, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/15 2011

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

1. Owner Exelon Generation Company, LLC (Name) Date October 22, 2010

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 3

2. Plant Limerick Generating Station (Name) Unit common

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0226201 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Emergency Service Water (System 011) Line No. HBC-240 Valves 011-0039, 0040 & 0063

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
2" Globe Valve 011-0040	43 BNA	FLOWSERVE	N/A	* 114-99233 PO 257797-651	2009	Installed	Yes
2" Globe Valve 011-0040	WA 754	Rockwell	N/A	N/A	N/A	Removed	Yes
3" Check Valve 011-0039	BH 879	FLOWSERVE	N/A	* 114-64574 PO 257797-696	2010	Installed	Yes
3" Check Valve 011-0039	ET421-1-1	Anchor Darling	N/A	N/A	N/A	Removed	Yes
3" Check Valve 011-0063	BC 753	FLOWSERVE	N/A	* 114-98327 PO 257797-434	2007	Installed	Yes
3" Check Valve 011-0063	3N 1006	Anchor Darling	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced emergency service water valves and adjacent piping

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ Pressure 113 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

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

1. Owner Exelon Generation Company, LLC (Name) Date October 22, 2010
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0226201 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A
4. Identification of System Emergency Service Water (System 011) Line No. HBC-240 Valves 011-0039, 0040 & 0063
5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003
   (c) Applicable Section XI Code Case(s) N/A
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
(4) Feet, 2" NPS Pipe	United States Steel	Heat No. F50226	N/A	* 114-90045 PO 009825-4530	N/A	Installed	No
3" x 3" x 2" NPS Tee	Taylor Forge	Heat Code MBGK-2	N/A	* 114-61211 PO 009825-3051	N/A	Installed	No
3" X 2" NPS Concentric Reducer	Taylor Forge	Heat Code MNID-1	N/A	* 114-98055 PO 034666	N/A	Installed	No
3" X 2" NPS Concentric Reducer	Taylor Forge	Heat Code MSHD-5	N/A	* 114-00183 PO 038200	N/A	Installed	No
(2) 2" NPS Elbows	Bonney Forge	Heat Code 76996	N/A	* 114-90818 PO 009825-4534	N/A	Installed	No
HBC-240-E2-H15 Pipe Lugs	IPSCO	Heat No. E76065	N/A	* 114-37781 PO 038201	N/A	Installed	No
HBC-240-E2-H15 2" Pipe Restraint	Bergen Power	Heat No. JB9031	N/A	* 114-07276 PO 182789-78	N/A	Installed	No

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

Flowserve 3" check valves are constructed in accordance with ASME III, 1971 edition with addenda through summer 1971.

Flowserve 2" globe valve is constructed in accordance with ASME III, 1971 edition with addenda through summer 1975.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. K J. H. Kramer, Site weld administrator Date March 2, 2010
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 8-17-10 to 9-9-10, 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.

Joseph C Schall Commissions PA 3031 NB 7920 ANB I
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-3 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date April 25, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit Common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0234294 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Emergency Service Water (System 011) Line No. HBC-245-05 Valve 011-0089

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
4" Check Valve 011-0089	Anchor Darling	E-A120-1-3	N/A	* 114-80990 PO 040439	1987	Installed	Yes
4" Check Valve 011-0089	Anchor Darling	E-A121-3-1	N/A	N/A	N/A	Removed	Yes
(2) 4" NPS Weld Neck Flanges	Western Forge & Flange	Heat No. A070552 Code FKU-4	N/A	* 114-91440 PO 009825-4467	N/A	Installed	No
(1) 4" NPS Weld Neck Flange	Ideal Flanging	Heat Code S1249	N/A	* 114- 91440 PO 009825-348916	N/A	Installed	No
(8) 5/8" Flange Studs	Nova Machine	Trace Code 4J26	N/A	* 114- 92558 PO 037999	N/A	Installed	No
(16) 5/8" Flange Nuts	Nova Machine	Trace Code 0M07	N/A	* 116-12090 PO 180864-2364	N/A	Installed	No

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced emergency service water flanged check valve and adjacent flanges.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ Pressure 103 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

Anchor Darling 4" check valve is constructed in accordance with ASME III, 1980 edition with addenda through summer 1981.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed James H. Kramer J. H. Kramer, Site weld administrator Date April 25, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 10-7-10 to 10-9-10, 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.

Jacob C. Sibell Commissions NB 7420 ANBI PA 3031
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-25 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date March 30, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0230914 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. HBC-138 Valve 011-1007

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
8" Check valve 011-1007	Flowserve	BL 390	N/A	* 114-67723 PO# 046205	2011	Installed	Yes
8" Check valve 011-1007	Anchor Darling	3N 997	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 8" emergency service water check valve
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 110 PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturer's data reports are traceable by Exelon work order and stock code number.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 30, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/20/12 to 4/2/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 2 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 13, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1160234 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. HBC-143 Valve 011-1009

5. (a) Applicable Construction Code ASME III 19 71 Edition, Summer 1971 Addenda, 1516, 1567 & 1622 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
8" Check valve disc	Flowserve	K2910-1-1	N/A	* 114-67723 PO# 034396	2010	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 8" check valve disc.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturer's data reports are traceable by Exelon work order and stock code number.
Applicable Manufacturer's Data Reports to be attached

The valve disc was removed from stock valve S/N BI418 and installed on component 011-1009.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 13, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/23/12 to 3/18/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 18, 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date January 25, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1074753 (supply) (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. SP-HBC-140-E1 (supply) Unit Cooler 1A-V208

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
(1) 3" NPS W.N. Flange	Western Forge & Flange	Heat Code FVV-A-1	N/A	* 114-91439 PO# 009825-4487	N/A	Installed	No
(1) 3" x 2" Eccentric Reducer	Taylor Forge	Heat Code MTVV-1	N/A	* 114-61210 PO# 044911	N/A	Installed	No
(2) Feet 2" NPS pipe	United States Steel	Heat No. H48254	N/A	* 114-90045 PO# 009825-4809	N/A	Installed	No
(2) 2" NPS Socket Weld Elbow	Bonny Forge	Lot No. 76996	N/A	* 114-90818 PO# 009825-4534 & 4470	N/A	Installed	No
(1) 2" x 2" x 3/4" Socket Weld Tee	Bonny Forge	Lot No. 78041	N/A	* 114-98248 PO# 009825-4850	N/A	Installed	No
(1) 2" Socket Weld Flange	Western Forge & Flange	Heat Code FVV-A-3	N/A	* 114-90527 PO# 009825-4886	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced emergency service water supply piping to HPCI unit cooler 1A-V208.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 123 PSI Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date January 25, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 20 SEPTEMBER 2011 to 27 JANUARY 2012, 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 NB 13977, A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 27 JANUARY 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date January 25, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1074753 (return) (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Emergency Service Water (System 011) Line No. SP-HBC-149-E1 (return) Unit Cooler 1A-V208

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
(1) 3" NPS W.N. Flange	Western Forge & Flange	Heat Code FVV-A-1	N/A	* 114-91439 PO# 009825-4487	N/A	Installed	No
(1) 3" x 2" Concentric Reducer	Taylor Forge	Heat Code MSHD-1	N/A	* 114-98055 PO# 038200	N/A	Installed	No
(2) Feet 2" NPS pipe	United States Steel	Heat No. H48254	N/A	* 114-90045 PO# 009825-4809	N/A	Installed	No
(2) 2" NPS Socket Weld Elbow	Bonny Forge	Lot No. 76996	N/A	* 114-90818 PO# 009825-4534 & 4470	N/A	Installed	No
(1) 2" Socket Weld Flange	Western Forge & Flange	Heat Code FVV-A-3	N/A	* 114-90527 PO# 009825-4886	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced emergency service water return piping from HPCI unit cooler 1A-V208.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 123 PSI Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date January 25, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 20 SEPTEMBER 2011 to 27 JANUARY 2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 27 JANUARY 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date March 15, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0239201 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service Water (System 011) Line No. 6" HBC-082-01

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
6" NPS HBC-082-01-3	Exelon Nuclear	N/A	N/A	6" NPS HBC-082-01-3 Weld# X1 & X2	N/A	Corrected	No

7. Description of work: Repaired 6" HBC-082-01-3 pipe by base metal repair.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 116 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/15/12 to 3/20/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 20, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 25, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit Common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0238642 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service water (System 011) Line No. SP- HBC-083-001F Valve 011-0465

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 74 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
2" Ball Valve 011-0465	BNL Industries	A080708-1-2	N/A	* 114-63218 PO# 027477	2008	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat Code CMC	N/A	*114-92683 PO# 047813	N/A	Installed	No
(1) Foot 2" NPS pipe	Sandvick	Heat No. 521756	N/A	* 11490030 PO# 042094	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 2" drain connection to 20" ESW line class HBC-083-1 via "Hot Tap" process.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 100 psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

Work completed in accordance with Exelon design change ECR 10-00208.

Ball valve 011-0465 was constructed in accordance with ASME III, 1989 edition, no addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, Site weld administrator Date March 25, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 11/15/11 to 5/17/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 17 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 25, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit Common

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0241808 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None

Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service Water (System 011) Line No. HBC-084-01

5. (a) Applicable Construction Code ANSI B31.7, 1969 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HBC-084-H001 (1) 1/8" Shim Plate	Nucor Steel	Heat No. S85525-07	N/A	* 114-59486 PO# 001897-1066	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Installed shim plate in pipe support HBC-084-H001 to correct out of tolerance gap clearance.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with Exelon condition report 1329929.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, Site weld administrator Date March 25, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/23/12 to 5/9/12, 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 NB 13977 A N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 9 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 15, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2
2. Plant Limerick Generating Station (Name) — Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. C0240743 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable
4. Identification of System Emergency Service Water (System 011) — Line No. 3" HBC-141-04
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N/A
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
3" NPS HBC-141-04 Weld# 5134-413	Exelon Nuclear	N/A	N/A	3" NPS HBC-141-04 Weld# 5134-413	N/A	Corrected	No

7. Description of work: Repaired 3" HBC-141-04 Weld# 5134-413
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 116 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/13/12 to 3/20/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 20, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 19, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0241696 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None

Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service Water (System 011) Line No. 6" HBC-147-03

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
6" HBC-147-03 Reinforcing Pad	Colonial Machine	Heat No. C7292	N/A	* 114-96221 PO# 050642	N/A	Installed	No

7. Description of work: Installed reinforcing pad on 6" ESW pipe stub-in.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with Exelon design change ECR 12-00084.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer, site weld administrator Date March 19, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/1/12 to 3/23/12, 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] Commissions NB 13777 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 23 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date April 25, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0236810 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None

Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service Water (System 011) Line No. HBC-143-03

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
6" NPS HBC-143-03-5	Exelon Nuclear	N/A	N/A	6" NPS HBC-143-03 Weld# X1	N/A	Corrected	No

7. Description of work: Repaired 6" HBC-143-03-5 pipe by base metal repair.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 120 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date April 25, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3-8-11 to 3-15-11, 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.

Jacob C. Schall Commissions NB7920 ANBI - PA3031
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-25 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date May 5, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0236858 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Emergency Service Water (System 011) Line No. HBC-152-03

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
(4) Feet 6" NPS Pipe	United States Steel	Heat No. U21214	N/A	* 114-90062 PO# 009825-4671	N/A	Installed	No
(2) 6" NPS 90 Degree Pipe Elbows	Tube Forgings of America	Heat Code T874L-18 & T874L-28	N/A	* 114-91554 PO# 009825-4750	N/A	Installed	No
(1) 6" NPS 45 Degree Pipe Elbow	Tube Forgings of America	Heat Code T874P	N/A	* 114-91859 PO# 042509	N/A	Installed	No

* Traceability per Exelon stock code number and purchase order

7. Description of work: Replaced 6" HBC-152-03 ESW pipe and fittings.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 120 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date May 5, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3-2-11 to 3-12-11, 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.

Jacat C. Schell Commissions NB 7920 ANBI - PA 3031
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-6 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date February 26, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0234456 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR service water (System 012) Line No. HBC-508 RHRSW pump 0A-P506

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pump Bowl & Column Assembly	Flowserve	RLSA 18294	N/A	* 114-80666 PO# 038375	2011	Installed	Yes
Stuffing Box	Flowserve	Lot N0. RLSA 13805	N/A	* 114-66198 PO# 257803-343	2010	Installed	Yes
(30) 7/8" Cap Screws	Nova Machine	Heat Code 6N38	N/A	* 114-87925 PO# 048937	N/A	Installed	No
(6) 7/8" Nuts	Nova Machine	Heat Code 6D81	N/A	* 116-12220 PO# 046231	N/A	Installed	No
(13) 7/8" Nuts	Nova Machine	Heat Code P841	N/A	* 116-12220 PO# 180864-1731	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced RHRSW pump bowl assembly, stuffing box and bolting
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 96 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by Exelon work order and stock code number.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, site weld administrator Date February 26, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 5/17/11 to 3/20/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 20 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date November 28, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1178819 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR service water (System 012) Line No. HBC-091

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(56) 3/4" Flange Studs	Nova Machine	Heat Code 6F13	N/A	* 114-92566 PO# 046922	N/A	Installed	No
(112) 3/4" Flange Nuts	Nova Machine	Heat Codes 1K43, P670 and 0W61	N/A	* 116-12111 PO# 180864-2609, 1622 and 2459	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced flange studs & nuts on RHRSW A-spray network distribution piping.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, site weld administrator Date November 28, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 7/7/11 to 11/30/11, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 30 NOVEMBER 2011

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

1. Owner Exelon Generation Company, LLC (Name) Date August 30, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1170268 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR service water (System 012) Line No. HBC-507

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(56) 3/4" Flange Studs	Nova Machine	Heat Code K702 & 6B76	N/A	* 114-92566 PO# 180864-481372 & 045844	N/A	Installed	No
(112) 3/4" Flange Nuts	Nova Machine	Heat Code 0W61	N/A	* 116-12111 PO# 180864-2459	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced flange studs & nuts on RHRSW B-spray network distribution piping.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, site weld administrator Date August 30, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/11/11 to 11/15/11, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 15 NOVEMBER 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date November 28, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit common

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1178664 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR service water (System 012) Line No. HBC-091

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(56) 3/4" Flange Studs	Nova Machine	Heat Code 6F13	N/A	* 114-92566 PO# 046922	N/A	Installed	No
(112) 3/4" Flange Nuts	Nova Machine	Heat Codes J642, 0W61, P670 & B87035	N/A	* 116-12111 PO# 180864-481058, 2459, 1622 & 348474	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced flange studs & nuts on RHRSW C-spray network distribution piping.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, site weld administrator Date November 28, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 7/19/11 to 11/30/11, 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.

Inspector's Signature Commissions NB 13977 A,N,I PA 3020
National Board, State, Province, and Endorsements

Date 30 NOVEMBER 20 11

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

1. Owner Exelon Generation Company, LLC (Name) Date January 20, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1205761 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR service water (System 012) Line No. HBC-507

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(56) 3/4" Flange Studs	Curtis Wright Nova	Heat Code 6M55	N/A	* 114-92566 PO# 048737	N/A	Installed	No
(112) 3/4" Flange Nuts	Curtis Wright Nova	Heat Code 6F11	N/A	* 116-12111 PO# 180864-3508	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced flange studs & nuts on RHRSW D-spray network distribution piping.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, site weld administrator Date January 20, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 3/1/12, 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 NB13977 A,N,I PA 3020

Inspector's Signature

National Board, State, Province, and Endorsements

Date MARCH 1 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 26, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 3
2. Plant Limerick Generating Station (Name) — Unit Common
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. C0238642 & C0239018 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable
4. Identification of System RHR Service Water (System 012) — Line No. HBC-091-01
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N/A
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HBC-091-H002 (6 Feet) W10 X 33	Nucor Steel	Heat No. 2109303	N/A	* 114-93032 PO# 046080	N/A	Installed	No
HBC-091-H002 (3 Feet) 5 x 5 x 1/2 Tube steel	Hanna Steel	Heat No. B0R6381	N/A	* 114-92351 PO# 046054	N/A	Installed	No
HBC-091-H002 Gusset Stiffeners 3/8" Plate Steel	Nucor Steel	Heat No. B0X8245-04	N/A	* 114-04936 PO# 046537	N/A	Installed	No
HBC-091-H002 3/4" Shim Plates	Colonial Machine	Heat No. C1759	N/A	* 114-87974 PO# 049219	N/A	Installed	No
HBC-091-H002 1/4" Shim Plate	Colonial Machine	Heat No. A1D176	N/A	* 114-87974 PO# 049219	N/A	Installed	No
HBC-091-H002 3/16" Shim Plate	Colonial Machine	Heat No. C0588	N/A	* 114-87974 PO# 049219	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Removed and re-installed 30" pipe supports for pipe replacement.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
   Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

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

1. Owner Exelon Generation Company, LLC (Name) Date March 26, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3

2. Plant Limerick Generating Station (Name) Unit Common

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0238642 & C0239018 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR Service Water (System 012) Line No. HBC-091-01

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(d) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HBC-091-H003 (6 Feet) W10 X 33	Nucor Steel	Heat No. 2109303	N/A	* 114-93032 PO# 046080	N/A	Installed	No
HBC-091-H003 (3 Feet) W6 X 20	Nucor Steel	Heat No. 2108706	N/A	* 114-93013 PO# 046055	N/A	Installed	No
HBC-091-H003 Gusset Stiffeners 3/8" Plate Steel	Nucor Steel	Heat No. B0X8245-04	N/A	* 114-04936 PO# 046537	N/A	Installed	No
HBC-091-H003 1/2" Shim Plate	Colonial Machine	Heat No. 2N617	N/A	* 114-87974 PO# 049219	N/A	Installed	No
HBC-091-H003 5/16" Shim Plate	Colonial Machine	Heat No. A1P0954	N/A	* 114-87974 PO# 049219	N/A	Installed	No
HBC-091-H003 1/4" Shim Plate	Colonial Machine	Heat No. A1D176	N/A	* 114-87974 PO# 049219	N/A	Installed	No

* Traceability per Exelon stock code number.

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with Exelon design change ECR 10-00208
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer, Site weld administrator Date March 26, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 11/15/11 to 4/5/12, 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 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 5 20 12

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

1. Owner Exelon Generation Company, LLC (Name) Date April 25, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit Common
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0234919 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RHR Service Water (System 012) Line No. HBC-507-H003

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
HBC-507-H003 Steel Shim Plate	Nucor (Macsteel)	Heat No. B9R5678-04	N/A	* 114-15878 PO# 001897-990	N/A	Corrected	No

7. Description of work: Repaired 30" RHRSW pipe support HBC-507-H003

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date April 25, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1-13-11 to 3-4-11, 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.

Jacob C. Isbell Commissions NB 7920 ANBI- PA 3031
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-26 20 11

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 21, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. R1095890 & R1050762 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable

4. Identification of System Nuclear Boiler (System 041) — Line No. APE-1MS HV-041-1F022A

5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003.
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	B68363	N/A	* 114-72935	N/A	Installed	No
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	B67219	N/A	* 114-72935	N/A	Removed	No

* Traceability per Exelon Part Code Number.

7. Description of Work: Replaced main steam isolation valve pneumatic control manifold with refurbished manifold.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 94 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Pneumatic control manifold S/N B68363 was previously installed at HV-041-1F028B. It was removed in 1R13 refuel outage
Applicable Manufacturer's Data Reports to be attached

under work order R1031646 and refurbished under work order R1050762.

MSIV HV-041-1F022A was constructed to ASME III. The pneumatic control manifold and air operator was supplied with the MSIV,

but not constructed or certified to ASME III.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 21, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/13/12 to 4/25/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 25, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date May 10, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R0999683 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSIV HV-041-1F022B

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
26" MSIV Stem & Pilot Poppet Assembly	Weir Valves & Controls	Pilot Poppet Heat No. 241412 S/N 2	N/A	* 114-64490 PO# 037185	2010	Installed	Yes
26" MSIV Main Poppet	Weir Valves & Controls	Heat No. T7879 S/N K5353-1	N/A	* 111-02080 PO# 037186	2011	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 26" main steam isolation valve main poppet and stem / pilot poppet assembly.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date May 10, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/18/12 to 5/24/12, 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] Commissions NB i3977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 24 20 12

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 21, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. R1095889 & R1050426 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable

4. Identification of System Nuclear Boiler (System 041) — Line No. APE-1MS HV-041-1F022B

5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003.
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	52956	N/A	* 114-72935	N/A	Installed	No
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	D53419	N/A	* 114-72935	N/A	Removed	No

* Traceability per Exelon Part Code Number.

7. Description of Work: Replaced main steam isolation valve pneumatic control manifold with refurbished manifold.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 94 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Pneumatic control manifold S/N 52956 was previously installed at HV-041-1F028A. It was removed in 1R13 refuel outage
Applicable Manufacturer's Data Reports to be attached

under work order R1031619 and refurbished under work order R1050426.

MSIV HV-041-1F022B was constructed to ASME III. The pneumatic control manifold and air operator was supplied with the MSIV,

but not constructed or certified to ASME III.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 21, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/13/12 to 4/25/12, 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 NB 13977 A,N,I. PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 25, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date May 10, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R0999693 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSIV HV-041-1F022C

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, N/A Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
26" MSIV Stem & Pilot Poppet Assembly	Weir Valves & Controls	Pilot Poppet Heat No. 240196 S/N 1	N/A	* 114-64490 PO# 039930	2010	Installed	Yes
26" MSIV Main Poppet	Atwood & Morrill	Heat No. D2899 S/N 3	N/A	PO# LS 692318A	1995	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 26" main steam isolation valve main poppet and stem / pilot poppet assembly.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
   Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Main poppet Heat No. D2899 S/N 3 was removed from MSIV HV-041-1F022B and machined to fit into HV-041-1F022C.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date May 10, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period V18/12 to 5/24/12, 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] Commissions NB 13977 A,M,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 24 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 21, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. R1095888 & R1040626 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable

4. Identification of System Nuclear Boiler (System 041) — Line No. APE-1MS HV-041-1F022C

5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003.
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	B67220	N/A	* 114-72935	N/A	Installed	No
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	B68362	N/A	* 114-72935	N/A	Removed	No

* Traceability per Exelon Part Code Number.

7. Description of Work: Replaced main steam isolation valve pneumatic control manifold with refurbished manifold.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 94 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Pneumatic control manifold S/N B67220 was previously installed at HV-041-2F028B. It was removed in 2R10 refuel outage
Applicable Manufacturer's Data Reports to be attached

under work order R0998081 and refurbished under work order R1040626.

MSIV HV-041-1F022C was constructed to ASME III. The pneumatic control manifold and air operator was supplied with the MSIV,

but not constructed or certified to ASME III.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 21, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/17/12 to 4/25/12, 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 NB A,N,I 13977, PA 3020
Inspector's Signature — National Board, State, Province, and Endorsements

Date APRIL 25, 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 21, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order No. R1095887 & R1020406 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp None; Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date Not applicable

4. Identification of System Nuclear Boiler (System 041) — Line No. APE-1MS HV-041-1F022D

5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003.
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	D24623	N/A	* 114-72935	N/A	Installed	No
MSIV Pneumatic Control Manifold	Automatic Valve Corp.	D52728	N/A	* 114-72935	N/A	Removed	No

* Traceability per Exelon Part Code Number.

7. Description of Work: Replaced main steam isolation valve pneumatic control manifold with refurbished manifold.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 94 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Pneumatic control manifold S/N D24623 was previously installed at HV-041-2F028A. It was removed in 2R10 refuel outage
Applicable Manufacturer's Data Reports to be attached

under work order R0998079 and refurbished under work order R1020406.

MSIV HV-041-1F022D was constructed to ASME III. The pneumatic control manifold and air operator was supplied with the MSIV,

but not constructed or certified to ASME III.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 21, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/17/12 to 4/25/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 25, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 14, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0239796 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013D

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, March 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSRV Body Assembly	Target Rock	169	N/A	* 114-80949 PO# 045853	N/A	Installed	Yes
MSRV Pilot Assembly	Target Rock	030	N/A	* 114-80949 PO# 045853	N/A	Installed	Yes
MSRV Body Assembly	Target Rock	164	N/A	N/A	N/A	Removed	Yes
MSRV Pilot Assembly	Target Rock	031	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve and pilot with previously installed reworked relief valve & pilot.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 1040 PSI Test Temp. 542 °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Relief valve refurbishment completed by NWS Technologies "VR" stamp No. 632 and "NR" stamp No. 81.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 14, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 12/19/11 to 5/21/12, 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 NB 13977 A,N,I PA 3076
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 21 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date April 24, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1165544 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013E

5. (a) Applicable Construction Code ASME Pump & Valve Draft 1968 Edition, March 1970 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N-508-3, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSRV Body Assembly	Target Rock	148	N/A	* 114-80949 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Pilot Assembly	Target Rock	020	N/A	* 114-80949 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Body Assembly	Target Rock	185	N/A	N/A	N/A	Removed	Yes
MSRV Pilot Assembly	Target Rock	004	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve and pilot with previously installed reworked relief valve & pilot.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 1046 PSI Test Temp. 171 °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Relief valve refurbishment completed by NWS Technologies "VR" stamp No. 632 and "NR" stamp No. 81.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date April 24, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/18/12 to 5/21/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 21 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date April 24, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1165538 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013L

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, March 1970 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N-508-3, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSRV Body Assembly	Target Rock	160	N/A	* 114-80948 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Pilot Assembly	Target Rock	007	N/A	* 114-80948 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Body Assembly	Target Rock	186	N/A	N/A	N/A	Removed	Yes
MSRV Pilot Assembly	Target Rock	044	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve and pilot with previously installed reworked relief valve & pilot.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 1046 PSI Test Temp. 171 °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Relief valve refurbishment completed by NWS Technologies "VR" stamp No. 632 and "NR" stamp No. 81.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date April 24, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 10/25/11 to 5/15/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 15 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date April 24, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1165534 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013M

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, March 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSRV Body Assembly	Target Rock	164	N/A	* 114-80949 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Pilot Assembly	Target Rock	023	N/A	* 114-80949 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Body Assembly	Target Rock	163	N/A	N/A	N/A	Removed	Yes
MSRV Pilot Assembly	Target Rock	039	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve and pilot with previously installed reworked relief valve & pilot.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 1046 PSI Test Temp. 171 °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Relief valve refurbishment completed by NWS Technologies "VR" stamp No. 632 and "NR" stamp No. 81.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date April 24, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 10/25/11 to 5/15/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 15 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date April 24, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1165535 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013N

5. (a) Applicable Construction Code ASME Pump & Valve Draft 19 68 Edition, March 1970 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N-508-3, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. *	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
MSRV Body Assembly	Target Rock	170	N/A	* 114-80948 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Pilot Assembly	Target Rock	018	N/A	* 114-80948 PO# 045853 & 044071	N/A	Installed	Yes
MSRV Body Assembly	Target Rock	183	N/A	N/A	N/A	Removed	Yes
MSRV Pilot Assembly	Target Rock	028	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve and pilot with previously installed reworked relief valve & pilot.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 1046 PSI Test Temp. 171 °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Relief valve refurbishment completed by NWS Technologies "VR" stamp No. 632 and "NR" stamp No. 81.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date April 24, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 4/3/12 to 5/21/12, 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.

Inspector's Signature

Commissions NB 13577 A, N, I PA 3020
National Board, State, Province, and Endorsements

Date MAY 21 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 30, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 3

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0239356 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of Nuclear Boiler, Main Steam (System 041) Line No. GBC-101-03 Pipe Support H-141

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
GBC-101-H141 Piece No. 9 3/4 " Plate	Nucor Steel	Heat# 4100245	N/A	*114-84946 PO# 046536	N/A	Installed	No
GBC-101-H141 Piece No. 24 Strut End Attachment	Bergen Power Products	Part# 1000-130	N/A	*114-90925 PO# 046213	N/A	Installed	No
GBC-101-H141 Piece No. 26 (14") W12 X 40	Nucor Steel	Heat# 2104576	N/A	*114-93038 PO# 046257	N/A	Installed	No
GBC-101-H141 Piece No. 27 & 29 1/2" Plate Steel Stiffeners	Nucor Steel	Heat# BOS6577-02 S/N H1B	N/A	*199-52368 PO# 049453	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Modified pipe support in accordance with Exelon design change ECR 09-00504

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

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

1. Owner Exelon Generation Company, LLC (Name) Date March 30, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No C0239356 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Nuclear Boiler, Main Steam (System 041) Line No. GBC-101-03 Pipe Support H-141

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(d) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
GBC-101-H141 Piece No. 30 (4) 7/8" cap screw	Curtis Wright Nova	Heat# CR529990 Trace No. 6D83	N/A	*116-12945 PO# 046231	N/A	Installed	No
GBC-101-H141 Piece No. 31 (4) 7/8" hex nuts	Curtis Wright Nova	Heat# 251919 Trace No. 6D84	N/A	*116-12186 PO# 046231	N/A	Installed	No

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 30, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/18/12 to 4/30/12, 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 NB 13477 A,N,I PA 3026

Inspector's Signature

National Board, State, Province, and Endorsements

Date 30 APRIL 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 21, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. R1162430 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System Reactor Recirculation Pump (System 043) Line No. VRR-1RD Pump 1B-P201

5. (a) Applicable Construction Code ASME III 19 89 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
1B-P201 Recirc Pump Mechanical Seal	Borg-Warner	321099 B-W Job No. 95-EP-3224	N/A	* 114-98951 PO# LS-600125	1996	Installed	Yes
1B-P201 Recirc Pump Mechanical Seal	Borg-Warner	311084 B-W Job No. 94-EP-3750	N/A	* 114-98951 PO# LS-696633	1994	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced reactor recirculation pump mechanical seal cartridge.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 1045 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by purchase order and work order package.
Applicable Manufacturer's Data Reports to be attached

Mechanical seal S/N 321099 was removed from recirc pump 2B-P201 in 2R11 under work order R1072132 and rebuilt under work order R1162430, prior to installation.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in this report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 21, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/18/12 to 4/25/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 25, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 18, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242098 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Recirculation (System 043) Line No. DCA-177 Pipe Support SP-DCA-177-E1-H007

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
SP-DCA-177-E1-H007	Bergen-Patterson	Part Number MS4A-2	N/A	SPH-651G	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Reset variable support spring can to correct out of tolerance condition.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 18, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/7/12 to 5/2/12, 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 NB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2 20 12

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

1. Owner Exelon Generation Company, LLC (Name) Date March 18, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242064 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Recirculation (System 043) Line No. DCA-185 Pipe Support SP-DCA-185-E1-H001

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
SP-DCA-185-E1-H001	Bergen-Patterson	Part Number 3400	N/A	None	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Reset variable support spring can to correct out of tolerance condition.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 18, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/7/12 to 5/2/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 18, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242063 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Recirculation (System 043) Line No. DCA-185 Pipe Support SP-DCA-185-E1-H005

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
SP-DCA-185-E1-H005	Bergen-Patterson	Part Number MS4A-2	N/A	SPH-651G	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Reset variable support spring can to correct out of tolerance condition.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 18, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/7/12 to 5/2/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date June 11, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 4
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0239368 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
   Authorization No. Not applicable
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable
4. Identification of System Reactor Recirculation (System 013 & 043) Line No. SP-HBC-191-E4 and E5
5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N-686-1
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SP-HBC-191-E4 (7) feet 2" NPS Pipe	Michigan Seamless Tube	Heat# 00A092767	N/A	*114-90045 PO# 009825 004408	N/A	Installed	N/A
SP-HBC-191-E4 (1) 2" NPS Flange	Western Forge and Flange	Heat No. A070552, Heat Code FKU-5	N/A	*114-90527 PO# 009825-4886	N/A	Installed	N/A
SP-HBC-191-E4 (1) 2" NPS Elbow	Bonney Forge	Lot No. 76996	N/A	*114-90818 PO# 009825-4850	N/A	Installed	N/A
SP-HBC-191-E4 (8) 5/8" Flange Studs	Curtis Wright (Nova)	Heat Code 6D33	N/A	*114-92559 PO# 046233	N/A	Installed	N/A
SP-HBC-191-E4 (16) 5/8" Flange Nuts	Curtis Wright (Nova)	Heat Code 5K91	N/A	*116-12090 PO# 180864-3377	N/A	Installed	N/A
SP-HBC-191-E4 Hanger H-1 SPH-601E	Bergen Power	Heat# S74168	N/A	*114-07276 PO# 182789-211	N/A	Installed	N/A
SP-HBC-191-E4 Hanger H-1 SPH-905D	Macsteel	Heat# BOX8245-04	N/A	*114-92855 PO# 001897-1118	N/A	Installed	N/A

* Traceability per Exelon stock code number.

7. Description of work: Installed flanges to make spool pieces removable for Recirc Pump Motor interference removal.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 175 psi Test Temp. N/A °F.

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

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

1. Owner Exelon Generation Company, LLC (Name) Date June 11, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 4

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0239368 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Reactor Recirculation (System 013 & 043) Line No. SP-HBC-191-E4 and E5

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SP-HBC-191-E4 (3) 2" NPS Flange	Western Forge and Flange	Heat No. A090309, Heat Code FVV-A-3	N/A	*114-90527 PO# 009825-4534	N/A	Installed	N/A
SP-HBC-191-E5 (7) feet 2" NPS Pipe	Michigan Seamless Tube	Heat# 00A092767	N/A	*114-90045 PO# 009825 004408	N/A	Installed	N/A
SP-HBC-191-E5 (4) 2" NPS Flange	Western Forge and Flange	Heat No. A090309, Heat Code FVV-A-3	N/A	*114-90527 PO# 009825-4534	N/A	Installed	N/A
SP-HBC-191-E5 (1) 2" NPS Elbow	Bonney Forge	Lot No. 76996	N/A	*114-90818 PO# 009825-4850	N/A	Installed	N/A
SP-HBC-191-E5 (8) 5/8" Flange Studs	Curtis Wright (Nova)	Heat Code 6D33	N/A	*114-92559 PO# 046233	N/A	Installed	N/A
SP-HBC-191-E5 (16) 5/8" Flange Nuts	Curtis Wright (Nova)	Heat Code 5K91	N/A	*116-12090 PO# 180864-3377	N/A	Installed	N/A

* Traceability per Exelon stock code number.

7. Description of work: Installed flanges to make spool pieces removable for Recirc Pump Motor interference removal.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 175 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

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

1. Owner Exelon Generation Company, LLC (Name) Date June 11, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 3 of 4
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0239368 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
   Authorization No. Not applicable
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable
4. Identification of System Reactor Recirculation (System 013 & 043) Line No. SP-HBC-191-E4 and E5
5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
   (d) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
   (e) Applicable Section XI Code Case(s) N-686-1
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SP-HBC-191-E5 Hanger H-4 SPH-601F	Bergen Power	Heat# S74168	N/A	*114-07276 PO# 182789-211	N/A	Installed	N/A
SP-HBC-191-E5, Hanger H-4 L3x3x3/8" Angle	Steel Dynamics	Heat# JG7203	N/A	*114-92716 PO# 001897-986	N/A	Installed	N/A
SP-HBC-191-E5 Hanger H-4 3/8" Base Plate	Macsteel	Heat# B0X8245-04	N/A	*114-92855 PO# 001897-1118	N/A	Installed	N/A
SP-HBC-191-E5 Hanger H-4 (4) 3/8" Hex Bolts	Nova Machine Products	Heat# CR179180 & RT7325864	N/A	*114-34745 PO# 180864-2234 & 3043	N/A	Installed	N/A
SP-HBC-191-E5 Hanger H-4 (4) 3/8" Hex Nuts	Curtis Wright (Nova)	Heat Code 5W39	N/A	*116-12060 PO# 044746	N/A	Installed	N/A

* Traceability per Exelon stock code number.

7. Description of work: Installed flanges to make spool pieces removable for Recirc Pump Motor interference removal.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ☐ 175 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with Exelon design change ECR 09-00504.
Applicable Manufacturer's Data Reports to be attached

Pipe support work completed in accordance with ANSI B31.7, 1969 edition with addenda through March 1971.

SP-HBC-91-E4 Hanger H-1 pipe lug material justified by Exelon issue report 1362682-02.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed KLAUS W. BUERGER PLANNER Date June 11, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/14/12 to 6/12/12, 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.

Inspector's Signature

Commissions NB 13977 A,N,I PA 3020
National Board, State, Province, and Endorsements

Date JUNE 12, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 15, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0238886 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Reactor Water Clean-Up (System 044) Line No. DBB-105-01

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
(1) Foot 4" NPS Pipe	United States Steel	Heat No. U21855	N/A	* 114-90066 PO# 009825-3734	N/A	Installed	No
(2) 4" NPS 90 Degree Pipe Elbows	Taylor Forge	Heat Code MWOL-1	N/A	* 114-91556 PO# 050894	N/A	Installed	No

* Traceability per Exelon stock code number and purchase order

7. Description of work: Replaced 4" DBB-105-01 RWCU pipe and fittings for flow accelerated erosion.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 260 and 1046 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 11/7/11 to 3/18/12, 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 NB 13977 A,N,I PA 3020

Inspector's Signature

National Board, State, Province, and Endorsements

Date MARCH 18, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 19, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242131 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Water Clean-Up (System 044) Line No. DCA-101 Pipe Support DCA-101-H003

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, March 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
DCA-101-H003	Bergen-Patterson	Part Number VS4F-7	N/A	DCA-101-H003	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Reset variable support spring cans to correct out of tolerance condition.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 19, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/9/12 to 5/2/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 , CRD Exchange for 1R14
Repair/Replacement Organization P.O. No., Job No. Etc.

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-10-15

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2

(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9588	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CONTROL ROD DRIVE AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 10-15, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.: NA Expiration Date NA

Signed _____ Date JUNE 7 , 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8 , 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-10-47

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	7228	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CONTROL ROD DRIVE AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 10-47. WORK ORDER R1170009.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8 , 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-14-43

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	7204	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACE ONE CONTROL ROD DRIVE AND 8 CAP SCREWS.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 14-43. WORK ORDER R1170009.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8 ,20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address)
Work Order R1170009, CRD EXCHANGE FOR 1R14
Repair/Replacement Organization P.O. No., Job No. Etc.

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-18-35

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	6217	N/A	N/A	1988	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 18-35, WORK ORDER R1170009.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-18-51

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9068	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 18-51, WORK ORDER R1170009.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-18-55

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	5263	N/A	N/A	1973	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 18-55, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,1 PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-19

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, NONE Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E	9285	N/A	N/A	1977	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N//A	2011	INSTALLED	NO

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 22-19, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977, A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-03

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A8483	N/A	N/A	1988	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 26-03. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-11

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9696	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 26-11. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009,CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-35

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9700	N/A	N/A	2011	INSTALLLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 26-35, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-34-35

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9743	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 34-35. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp A NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-34-47

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9698	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 34-47. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009, CRD EXCHAANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-38-07

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9092	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 38-07 WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date June 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) — Date MAY 12, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2
2. Plant Limerick Generating Station (Name) — Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order R1170009 CRD ECHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)
3. Work Performed by Exelon Generation Co., LLC (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Expiration Date N/A
4. Identification of System 047 CONTROL ROD DRIVE — Line No. 10-S299-42-47
5. (a) Applicable Construction Code ASME IIII Edition, 1974 Addenda, W'75 Code Case 1361-2
   (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
   (c) Applicable Section XI Code Cases: N/A
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9286	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
   Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 42-47 WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-55

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	7360	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	HEAT CODE 6G83	N/A	N.A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 42-55 WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7 , 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977, A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8 , 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-46-11

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	6270	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 46-11, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date June 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-50-47

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9694	N/A	N/A	2011	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 50-47. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) — Date MAY 12, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 (Address) — Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE — Line No. 10-S299-54-19

5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W'69 Code Case 1361-1
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	5578	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 54-19, WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7 ,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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date _____, 20_____

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-58-19

5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case 1361-2
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	A9344	N/A	N/A	2011	INSTALLED	YES
(6) CAP SCREWS	NOVA	6G83	N/A	N/A	2011	INSTALLED	NO
(2) CAP SCREWS	NOVA	3F26	N/A	N/A	2010	INSTALLED	NO

7. Description of Work: REPLACED ONE CRD AND 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 58-19. WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 7, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Co., LLC (Name) — Date MAY 12, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2
2. Plant Limerick Generating Station (Name) — Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)
3. Work Performed by Exelon Generation Co., LLC (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Expiration Date N/A
4. Identification of System 047 CONTROL ROD DRIVE — Line No. 10-S299-50-15
5. (a) Applicable Construction Code N/A Edition, N/A Addenda, N/A Code Case N/A
   (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
   (c) Applicable Section XI Code Cases: N/A
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(6) CAP SCREWS	NOVA	897A	N/A	N/A	2009	INSTALLED	NO
(2) CAP SCREW	NOVA	LGF	N/A	N/A	2010	INSTALLED	NO

7. Description of Work: REPLACE 8 CAP SCREWS IN CRD LOCATION 50-15
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
   Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA ATTACHED. CRD LOCATION 50-15 WORK ORDER R1170009.
Applicable Manufacturer's Data Reports to be attached

O-RINGS WERE REPLACED AND NEW BOLTING INSTALLED IN CRD LOCATION 50-15.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8 , 20 12

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

1. Owner Exelon Generation Co., LLC (Name) Date MAY 12, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1170009 CRD EXCHANGE FOR 1R14 (Repair/Replacement Organization P.O. No., Job No. Etc.)

3. Work Performed by Exelon Generation Co., LLC (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

200 Exelon Way, Kennett Square, PA 19348 (Address) Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-54-31

5. (a) Applicable Construction Code N/A Edition, N/A Addenda, N/A Code Case N/A
(b) Applicable Edition of Section XI Used for Repair / Replacement Activity: 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Cases: N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(8) CAP SCREWS	NOVA	897A	N/A	N/A	2009	INSTALLED	NO

7. Description of Work: REPLACE 8 CAP SCREWS

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ 1051 psi Test Temp. 168 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA ATTACHED. CRD LOCATION 54-31 WORK ORDER R1170009
Applicable Manufacturer's Data Reports to be attached

O-RINGS WERE REPLACED AND NEW BOLTING INSTALLED IN CRD LOCATION 54-31

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date JUNE 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 1/19/12 to 6/8/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 20 12

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

1. Owner Exelon Generation Company, LLC (Name) Date March 13, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242085 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Control Rod Drives (System 047) Line No. EBB-142 Valve XV-047-1F181

5. (a) Applicable Construction Code ASME III 1977 Edition, Summer 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
2" Globe valve plug/stem assembly	Anderson Greenwood Crosby	K900054-32-0002	N/A	* 114-60732 PO# 258497-302	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 2" control rod drive drain valve plug & stem assembly.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 13, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/8/12 to 5/2/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date March 28, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order R1031339 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. None

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date None

4. Identification of System Stand By Liquid Control (System-048) Line No. ECB-114 Valve XV-048-1F004B

5. (a) Applicable Construction Code ASME III 19 68 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	8205	8205	* 114-77023 PO# 041513	2011	Installed	Yes
Explosive Valve trigger Body	Mirion Technologies (Conax Nuclear)	8203	8203	* 114-77023 PO# 041513	2011	Installed	Yes

* Traceability per Exelon part code number.

7. Description of Work Replaced explosive valve inlet fitting and trigger body.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 1210 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: Manufacturer's data reports are traceable by Exelon work order package.
Applicable Manufacturer's Data Reports to be attached

Inlet fitting and trigger body fabricated in accordance with ASME III, 1977 edition with summer 1977 addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI
Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date March 28, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/7/12 to 5/10/12, 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.

Inspector's Signature

Commissions NB 13977 A, N, E OA 3020
National Board, State, Province, and Endorsements

Date MAY 10 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date July 29, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order # R1017630 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None

Authorization No. None

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date None

4. Identification of System Stand By Liquid Control (System-048) Line No. ECB-114 Valve XV-048-1F004C

5. (a) Applicable Construction Code ASME III 19 77 Edition, Summer 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
Explosive Valve Trigger Body	Mirion Technologies (Conax Nuclear)	8204	8204	* 114-77023 PO# 041513	2011	Installed	Yes
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	8206	8206	* 114-77023 PO# 041513	2011	Installed	Yes

* Traceability per Exelon part code number.

7. Description of Work Replaced SLC explosive valve trigger body and inlet fitting

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ____ Pressure 1205 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturer's data reports are traceable by Exelon work order package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI
Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date July 29, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 23 MAY 2011 to 28 OCTOBER 2011, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 28 OCTOBER 2011

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

1. Owner Exelon Generation Company, LLC (Name) — Date April 24, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2
2. Plant Limerick Generating Station (Name) — Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) — Work Order No. R0936302 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) — Expiration Date N/A
4. Identification of System: Reactor Core Isolation Cooling (System 049) — Line No. HBB-103 — Valve 049-1F011

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
6" Check Valve Disc	Velan	S/N 8028 Heat No. 217H517	N/A	* 114-42159 PO# 022892	2007	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 6" RCIC check valve disc
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
   Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

Valve disc constructed to ASME III, 1971 edition with addenda through Winter 1972.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date April 24, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 4/24/12 to 6/4/12, 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.

Inspector's Signature Commissions NB 13977 A,N,I PA 3020
National Board, State, Province, and Endorsements

Date JUNE 4 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date March 22, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242025 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System: Reactor Core Isolation Cooling (System 049) Line No. DBA-107-01 Valve HV-049-1F008

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
3" Globe Valve Disc	Flowserve	L9760-1-1	N/A	* 114-07833 PO# 045298	2011	Installed	Yes
3" Globe Valve Stem	Flowserve	Trace Code 40506 S/N 1	N/A	* 114-97771 PO# 045298	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" RCIC steam globe valve disc
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
   Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 22, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/3/12 to 4/4/12, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 4 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date April 24, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242031 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Core Isolation Cooling (System 049) Line No. HBB-145-01 Valve HV-049-1F080

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1971 Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
3" Gate Valve Disc	Flowserve	07208-Z439	N/A	* 114-26315 PO# 257797-526	2008	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" RCIC gate valve disc. Weld build-up and machined new disc for satisfactory leak rate testing.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date April 24, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/13/12 to 6/6/12, 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] Commissions NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 6, 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date March 31, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0242264 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Reactor Core Isolation Cooling (System 049) Line No. HBB-145-01 Valve HV-049-1F080

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-686-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
3" Gate Valve HV-049-1F080	Flowserve	AW 143	N/A	Existing 3" Gate Valve	2004	Corrected	Yes
HBB-145-H03 (1) Foot L3 x 3 x 3/8" Angle	Steel Dynamics	Heat No. JG7203	N/A	* 114-92716 PO# 001897-986	N/A	Installed	No
HBB-145-H03 5/8" Steel Shim Plate	Nucor Steel	Heat No. 7102375-04	N/A	* 114-09625 PO# 001897-989	N/A	Installed	No
HBB-145-H03 1/8" Steel Shim Plate	Nucor Steel	Heat No. S85525-07	N/A	* 114-59486 PO# 001897-1066	N/A	Installed	No

* Traceability per Exelon stock code and purchase order number.

7. Description of work: Cut-out and rotated existing 3" gate valve HV-049-1F080 from horizontal to vertical position. Replaced pipe support components to access pipe welds.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 999 PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Work completed in accordance with Exelon design change ECR 12-00119.
Applicable Manufacturer's Data Reports to be attached

Pipe support replacements were completed in accordance with ASME B31.7, 1969 edition and march 1971 addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date March 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/15/12 to 4/3/12, 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 NB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 3 2012.

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

1. Owner Exelon Generation Company, LLC (Name) Date November 3, 2011
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1100958 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RCIC & RCIC Turbine (System 049 and 050) Line No. HBB-107 PSE-050-1D001

5. (a) Applicable Construction Code ASME III 1998 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
PSE-050-1D001 Rupture Disc and Vacuum support	Continental Disc	8115067A	N/A	* 114-34519 PO# 027241	2008	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replace RCIC turbine exhaust inboard rupture disc and vacuum support holder.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 920 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date November 3, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 6/20/11 to 11/28/11, 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.

Inspector's Signature Commissions NB 13977 A,N,I PA 3020
National Board, State, Province, and Endorsements

Date 28 NOVEMBER 2011

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

1. Owner Exelon Generation Company, LLC (Name) Date November 3, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1100959 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System RCIC & RCIC Turbine (System 049 and 050) Line No. HBB-107 PSE-050-1D002

5. (a) Applicable Construction Code ASME III 1998 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
PSE-050-1D002 Rupture Disc and Vacuum support	Continental Disc	8180523A	N/A	* 114-34519 PO# 043115	2011	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced RCIC turbine exhaust outboard rupture disc and vacuum support holder.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date November 3, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 7/13/11 to 11/28/11, 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 NB 13977 A,N,2 PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 28 NOVEMBER 2011

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0239328 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Residual Heat Removal (System 051) Line No. GBB-107-01 Valve HV-051-1F024A

5. (a) Applicable Construction Code ASME III 19 71 Edition, Summer 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
18" Globe Valve Disc	Flowserve	K6883-1	N/A	* 114-78352 PO# 038187	2010	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 18" RHR globe valve disc and seal welded the disc to the disc nut.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date March 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 9/29/11 to 4/2/12, 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] Commissions NB 13977 A,N,I, PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 2 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date April 10, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. C0223231 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None
Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Residual Heat Removal (System 051) Line No. GBB-101-01 Valve HV-C-051-1F048A

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-578-1, N-686-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
18" Valve HV-C-051-1F048A	Fisher Valve	BF-256071	N/A	HV-C-051-1F048A	1979	Corrected	Yes
3/8" Plate, Taper Pin Covers	Peach Tree Metals	Heat No. 5CH8	N/A	* 114-03242 PO# 001897-880	N/A	Installed	No
(1) Foot 18" NPS Pipe	United States Steel	Heat No. A02932	N/A	* 114-90075 PO# 042733	N/A	Installed	No

* Traceability through Exelon stock code number

7. Description of work: Cut-out and replaced 18" RHR pipe to access Fisher butterfly valve disc to secure the taper pins.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 220 psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with Exelon design change ECR 07-00273.
Applicable Manufacturer's Data Reports to be attached

Butterfly valve disc taper pins were secured to mitigate movement identified in NRC IN 2005-23.

Valve HV-C-051-1F048A was constructed to ASME III, 1974 edition with addenda through summer 1975 and code case 1635-1.

Pipe fabrication and welding was in accordance with ASME III, 1974 edition with addenda through winter 1974.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site weld administrator Date April 10, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/3/10 to 4/17/12, 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 PA 3020 NB 13977 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 17 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date April 5, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0228915 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: Residual Heat Removal (System 051) Line No. GBC-103-01 Valve HV-051-1F068A

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
HV-051-1F068A 20" Globe Valve	Flowserve	BI-133	N/A	* 114-22977 PO# 257797-705	2009	Installed	Yes
HV-051-1F068A 20" Globe Valve	Anchor Darling	3N-246	N/A	N/A	1976	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 20" RHR service water globe valve.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 78 PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] J.H. Kramer (site weld administrator) Date April 5, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/3/10 to 4/6/12, 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] Commissions NB 13877 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 6 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date February 29, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0239737 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: High Pressure Coolant Injection (System 055) Line No. EBB-129 Valve HV-055-1F006

5. (a) Applicable Construction Code ASME III 19 71 Edition, Summer 1973 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
12" Gate Valve Wedge	Velan Valve	4957	N/A	* 114-33670 PO# LS-606669	1996	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 12" HPCI gate valve wedge.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date February 29, 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 or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/15/12 to 5/17/12, 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 NB 18977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 17 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date July 29, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work Order No. C0238710 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System: High Pressure Coolant Injection (System 055) Line No. None, HPCI turbine control valve FV-056-111

5. (a) Applicable Construction Code Manufacturers Standard (non-code) 19 N/A Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
(6) 1-3/4"-8 All Thread Studs	Dresser Rand	Part No. 58272	None	* 114-84703 PO# 045385	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced (6) steam chest studs on HPCI turbine control valve
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ☐ N/A PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks : Refer to Exelon procurement evaluation A1813591-03 for stud material and stock code evaluation.
Applicable Manufacturer's Data Reports to be attached

Refer to Exelon AR 1241421 for ASME XI Repair / Replacement administrative deviation.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer (site weld administrator) Date July 29, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of PENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 6/22/11 to 11/15/11, 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 NB 13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 15 NOVEMBER 20 11.

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

1. Owner Exelon Generation Company, LLC (Name) Date July 15, 2011

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit Common

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order No. R1169278 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp None

Authorization No. Not applicable

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date Not applicable

4. Identification of System Control Room Chilled Water (System 090) Line No. HBC-143 0B-K112 Condenser

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
0B-K112 Condenser Water Box / Channel	Carrier	700163	128544	N/A	1975	Corrected	Yes

* Traceability per Exelon stock code number.

7. Description of work: Repaired main control room condenser water box by weld build-up.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ☐ 105 PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks None.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Jan H. Kram J.H. Kramer, site weld administrator Date July 15, 2011
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/7/11 to 10/28/11, 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.

Mark Odell Commissions NB-13977 A,N,I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date OCTOBER 28 2011

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

1. Owner Exelon Generation Company, LLC (Name) Date October 21, 2010
   200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2
2. Plant Limerick Generating Station (Name) Unit 1
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Work order # C0223987 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
   Authorization No. N/A
   3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A
4. Identification of System ; Emergency Diesel Generator (System-092) Line No. 1AG-COOL 1A-P569
5. (a) Applicable Construction Code Manufactures Standard 19 N/A Edition, N/A Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) None
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
1A-P569 Diesel Generator Air Cooler Pump	Fairbanks Morse Engine	801633 Part No. 16602931REP	N/A	* 114-65141 PO# 022615	N/A	Installed	No

* Traceability per Exelon part code number.

7. Description of Work : Replaced diesel generator engine driven air cooler water pump.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
   Other ___ Pressure 16.5 PSI Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (BACK)

9. Remarks: None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in this report are correct and that this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, Site Weld Administrator Date October 21, 2010
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 28 FEB 08 to 5 NOV 10, 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.

Inspector's Signature Commissions PA-2497 I,N & A, C
National Board, State, Province, and Endorsements

Date 5 NOV 2010

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

1. Owner Exelon Generation Company, LLC (Name) Date October 21, 2010

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown PA 19464 (Address) Work order # R1166042 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown PA 19464 (Address) Expiration Date N/A

4. Identification of System : Emergency Service Water (System-011) Line No. HBC-192 XJ-011-101A

5. (a) Applicable Construction Code Manufacturer's Standard 19 N/A Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity : 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) None

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes or No)
XJ-011-101A	Colt Industries, Fairbanks Morse Engine	Part No. 12994129	N/A	* 114-78083 PO# 167610-907	N/A	Installed	No

* Traceability per Exelon part code number and manufacturer's serial number.

7. Description of Work : Replaced emergency diesel generator cooling water expansion joints.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ■ Exempt ☐
Other ___ Pressure 110 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in this report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer, site Weld Administrator Date October 21, 2010
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 30 AUG 10 to 5 NOV 10, 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.

Inspector's Signature Commissions PA-2497 I,N & A, C
National Board, State, Province, and Endorsements

Date 5 NOV 2010

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

1. Owner Exelon Generation Company, LLC (Name) Date May 22, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 3

2. Plant Limerick Generating Station (Name) Unit ONE

3146 Sanatoga Road, Pottstown, PA 19464 (Address) A/R C0238616 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. N/A Spare snubbers

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PSA-10 Ball Screw Assembly	Basic-PSA	17343 PSA-10	N/A	*114-72952 PO# 044142	N/A	Installed	No
PSA-10 Ball Screw Assembly	Basic-PSA	12487 PSA-10	N/A	*114-72952 PO# 044142	N/A	Installed	No
PSA-10 Ball Screw Assembly	Basic-PSA	7999 PSA-10	N/A	*114-72962 PO#044142	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description work: Replace mechanic arresters with new snubbers
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt X
Other ☐ _____ psi Test Temp. _____ °F.

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

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

1. Owner Exelon Generation Company, LLC (Name) Date May 22, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 2 of 3

2. Plant Limerick Generating Station (Name) Unit ONE

3146 Sanatoga Road, Pottstown, PA 19464 (Address) A/R C0238616 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. N/A Spare snubbers
5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(d) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PSA-10 Ball Screw Assembly	Basic-PSA	17433 PSA-10	N/A	*114-72952 PO# 038103 PO# 044142	N/A	Installed	No
PSA-3 Capstan Spring	Basic-PSA	3175 PSA-3	N/A	*114-71520 PO#316131	N/A	Installed	No
PSA-10 Thrust Bearing	Basic-PSA	5482 PSA-10	N/A	*114-05231 PO#046800	N/A	Installed	No
PSA-10 Thrust Bearing	Basic-PSA	17433 PSA-10	N/A	*114-05231 PO#046800	N/A	Installed	No
PSA-10 Thrust Bearing	Basic-PSA	12449 PSA-10	N/A	*114-05231 PO# 046800	N/A	Installed	No
PSA-10 Thrust Bearing	Basic-PSA	2679 PSA-10	N/A	*114-05231	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description work: Replace mechanic arresters with new snubbers
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt X
Other ☐ _____ psi Test Temp. _____ °F.

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

FORM NIS-2 (BACK)

FORM NIS-2 (BACK)

9. Remarks none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date

Signed Pedro Robayo Snubbers coordinator Pedro Robayo Date May. 22, 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 or Province of PENNSYLVANIA and employed by of HSB CT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/20/~~12~~ 6/8/12 2012 to 6/8/12, 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.

Inspector's Signature Commissions NB 13977 ANI PA 3020

National Board, State, Province, and Endorsements

Date JUNE 8 ,2012

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

1. Owner Exelon Generation Company, LLC (Name) Date May 2, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit ONE

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Work Order C0238616

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

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A

Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System snubbers (System 103) Line No. N/A

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Thrust Bearing	Basic-PSA	17518 PSA-10	N/A	*114-05231 PO# 046800	N/A	Installed	No
Thrust Bearing	Basic-PSA	17257 PSA-3	N/A	*114-72521 PO# 038103 PO# 046769	N/A	Installed	No
Thrust Bearing	Basic-PSA	17265 PSA-3	N/A	*114-72521 PO# 038103 PO# 046769	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description work: Replace mechanic arresters with new snubbers

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

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date

Signed Pedro Robayo Snubbers coordinator Pedro Robayo Date May 22, 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 or Province of PENNSYLVANIA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/8/12, 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 NB 13977 A,N,I PA3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1754288 / A1776181/A1776176

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

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A

Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. DBD-105 / JCD-111-E48/ JBD-361

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
DBD-105-H004	PSA	45199 PSA-35	N/A	*114-72849 PO# 048805	N/A	Installed	NO
DBD-105-H004	PSA	8936 PSA-35	N/A	N/A	N/A	Removed	N/A
JCD-111-E48-H003	LISEGA	31000496/028 301856RF1	N/A	* 114-59113 PO # 275207-12	N/A	Installed	NO
JCD-111-E48-H003	LISEGA	99614390/71 301856RF1	N/A	N/A	N/A	Removed	N/A
JBD-361-H017	PSA	45244 PSA-10	N/A	*114-72887 PO# 046771	N/A	Installed	NO
JBD-361-H017	PSA	12444 PSA-10	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic and hydraulic shock arrester with new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks: none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March. 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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 NB 15977 A,N,I PA 3020

Inspector's Signature

National Board, State, Province, and Endorsements

Date JUNE 5, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1776176 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. XRE-1XH And JBD-361

5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
XRE-1XH-H029	PSA	43011 PSA-3	N/A	* 114-72867 PO # 024015	N/A	Installed	NO
XRE-1XH-H029	PSA	17060 PSA 3	N/A	N/A	N/A	Removed	N/A
XRE-1XH-H017	PSA	44330 PSA-3	N/A	*114-72867 PO # 046770	N/A	Installed	NO
XRE-1XH-H017	PSA	14098 PSA-3	N/A	N/A	N/A	Removed	N/A
JBD-361-H013	PSA	45242 PSA-10	N/A	*114-72887 PO # 046771	N/A	Installed	NO
JBD-361-H013	PSA	9289 PSA-10	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic shock arrester snubbers with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo Snubbers coordinator Date March 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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.

Matt Call Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date April 11, 2012
   200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2
2. Plant Limerick Generating Station (Name) — Unit 1
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Action Request A1776176 / A1776182 (Repair Organization P.O. No., Job No. etc.)
3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A
   3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date N/A
4. Identification of System Snubbers (System 103) — Line No. XRE-1XH/DCA-310
5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
   (c) Applicable Section XI Code Case(s) N-508-3
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
XRE-1XH-H001	PSA	42269 PSA-3	N/A	114-72867 PO# 025228	N/A	Installed	NO
XRE-1XH-H001	PSA	17139 PSA-3	N/A	N/A	N/A	Removed	NO
DCA-310-E01-H008	LISEGA	30600271/94 301856RF2	N/A	*114-59113 PO#275207	N/A	Installed	NO
DCA-310-E01-H008	LISEGA	99614390/85 301856RF2	N/A	N/A	N/A	Removed	NO
XRE-1XH-H020	PSA-3	44331 PSA-3	N/A	*114-72867 PO#046770	N/A	Installed	NO
XRE-1XH-H020	PSA-3	3871 PSA-3	N/A	N/A	N/A	Removed	NO

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic shock arrester with a new snubbers.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
   Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks : none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] P. Robayo snubbers coordinator Date April. 12, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/8/12, 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] Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 8, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1776181 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. HBD-186/ HBC-101 and DBA-106

5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
HBD-186-H061	LISEGA	30900222/004 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
HBD-186-H061	LISEGA	99614480/78 301856RF1	N/A	N/A	N/A	Removed	N/A
HBC-101-H024	LISEGA	30900222/12 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
HBC-101-H024	LISEGA	99614750/69 301856RF1	N/A	N/A	N/A	Removed	N/A
DBA-106-E01-H003	LISEGA	30900222/008 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
DBA-106-E01-H003	LISEGA	99614750/78 301856RF1	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced hydraulic shock arrester with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300

FORM NIS-2 (BACK)

9. Remarks : none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March. 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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.

Matt Call Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2012

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

1. Owner Exelon Generation Company, LLC (Name) — Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) — Sheet 1 of 2

2. Plant Limerick Generating Station (Name) — Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Action Request A1776181 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) — Type Code Symbol Stamp N/A; Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) — Expiration Date N/A

4. Identification of System Snubbers (System 103) — Line No. DCA-318 and DCA-105-E01

5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
DCA-318-H003	LISEGA	30500211/092 307256RF3	N/A	* 114-00462 PO# 275207-06	N/A	Installed	NO
DCA-318-H003	LISEGA	30500211/047 307256RF3	N/A	N/A	N/A	Removed	N/A
DCA-105-E01-H002	LISEGA	31000496/022 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
DCA-105-E01-H002	LISEGA	99614390/89 301856RF1	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced hydraulic shock arrester with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks : none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March. 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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.

Matthew Cull Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1776182 / A1776181 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. DCA-151-J01/ DCA-308 -J01

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case
(b) *Applicable Edition of Section XI Utilized for Repairs or Replacements* 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
DCA-151-J01-H007	LISEGA	31000496/027 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
DCA-151-J01-H007	LISEGA	99614750/58 301856RF1	N/A	N/A	N/A	Removed	N/A
DCA-308-J01-H004	LISEGA	30900222/011 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
DCA-308-J01-H004	LISEGA	99614390/93 301856RF1	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced hydraulic shock arrester snubbers with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks ; none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo Snubbers coordinator Date March 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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.

Matt Call Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1776182/ A1776181 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. EBB-109 /SBD-143-E01

5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
EBB-109-H016	PSA	45033 PSA-3	N/A	*114-72867 PO# 046770	N/A	Installed	NO
EBB-109-H016	PSA	20994 PSA-3	N/A	N/A	N/A	Removed	N/A
SBD-143-E01-H003	LISEGA	30900222/010 301856RF1	N/A	*114-59113 PO# 275207-12	N/A	Installed	NO
SBD-143-E01-H003	LISEGA	99614480/38 301856RF1	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic shock arrester with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks: none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March, 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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.

Matt Call Commissions NB 13977 A,N,I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5 2012

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012

200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1776351 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A

3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. STG-1MS

5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
STG-1MS-H005	PSA	45213 PSA-35	N/A	*114-72849 PO# 048805	N/A	Installed	NO
STG-1MS-H005	PSA	7790 PSA-35	N/A	N/A	N/A	Removed	N/A
STG-1MS-H004	PSA	44800 PSA-100	N/A	*114-72868 PO# 040061	N/A	Installed	NO
STG-1MS-H004	PSA	43073 PSA-100	N/A	N/A	N/A	Removed	N/A
STG-1MS-H007	PSA	44798 PSA-100	N/A	*114-72868 PO # 040061	N/A	Installed	NO
STG-1MS-H007	PSA	43074 PSA-100	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic shock arrester with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks : none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March. 27, 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 or Province of Pennsylvania and employed by HSBCT Hartford, CT of have inspected the components described in this Owner's Report during the period 2/20/12 to 6/5/12, 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 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 NB 13977 A,N,I PA 3020

Inspector's Signature

National Board, State, Province, and Endorsements

Date JUNE 5 20 12

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

1. Owner Exelon Generation Company, LLC (Name) Date March 27, 2012
200 Exelon Way, Kennett Square, PA 19348 (Address) Sheet 1 of 2

2. Plant Limerick Generating Station (Name) Unit 1
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Action Request A1846577 (Repair Organization P.O. No., Job No. etc.)

3. Work Performed by Exelon Nuclear (Name) Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 (Address) Expiration Date N/A

4. Identification of System Snubbers (System 103) Line No. DCA-104 /GBB-118

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001 edition with addenda through 2003
(c) Applicable Section XI Code Case(s) N-508-3

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
DCA-104-H022	PSA	45206 PSA-35	N/A	*114-72849 PO 048805	N/A	Installed	NO
DCA-104-H022	PSA	6645 PSA-35	N/A	N/A	N/A	Removed	N/A

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanic shock arrester with a new snubbers.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ■
Other ____ Pressure N/A psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks : none

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed P. Robayo P. Robayo snubbers coordinator Date March. 27, 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 or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period 02/20/12 to 6/7/12, 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.

Matt Tell Commissions NB 13977 A, N, I PA 3020

Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 7, 2012