



10 CFR 50.55a(g)

LG-14-095
July 7, 2014

Mr. William M. Dean, Regional Administrator
U.S. Nuclear Regulatory Commission
Region 1
2100 Renaissance Blvd Suite 100
King of Prussia, PA 19406-2713

Limerick Generating Station (LGS), Units 1
License Nos. NPF-39
Docket Nos. 50-352

Subject: Limerick Generating Station Unit 1 Inservice Inspections Summary Report for the
Period March 23, 2012 to April 8, 2014

The Limerick Generating Station (LGS) Unit 1 Inservice Inspection Summary Report for the
period March 23, 2012 to April 8, 2014 is submitted in accordance with ASME Section XI, Article
IWA-6200, Unit 1 Technical Specifications Section 4.0.5 and 10 CFR 50.55a(g).

There are no regulatory commitments contained in this letter.

If you have any questions or require additional information, please contact Mark DiRado at 610-
718-3530.

Respectfully,

A handwritten signature in black ink that reads "Tom J. Dougherty".

Thomas J. Dougherty
Vice President, Limerick Generating Station
Exelon Generation Co., LLC

Attachment: ISI Summary Report, Limerick Generating Station Unit 1, Examination Dates
March 23, 2012 to April 8, 2014

cc: E. DiPaolo, USNRC Senior Resident Inspector, LGS
NRC Document Control Desk

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MRK

ISI Summary Report
Limerick Generating Station Unit 1
Refueling Outage: 1R15
Commercial Service Date: February 1, 1986

Examination Dates
March 23, 2012 to April 08, 2014

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: 07/03/2014

Prepared By: Mark Weis *Mal Weis 7/2/2014*

Reviewed By: Michelle Karasek *Michelle Karasek 7/2/14*

Reviewed By: Karl Fisher *Karl Fisher 7/2/14*

Approved By: Mark DiRado *Doc (for mark DiRado)*
7/2/14

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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 March 23, 2012 to April 8, 2014
9. Inspection Period Identification: Period No. 3
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 8
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 7/2/14 Signed Exelon Generation Co., LLC By Michelle Karasak
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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 23, 2012 to April 08, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

[Signature] Commissions 14396 A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date July 2, 2014

Introduction

Examination Period and Requirements

During the period from March 23, 2012 to April 08, 2014 In-Service Inspections were performed at Limerick Generating Station Unit 1. Unit 1 was shut down for the fifteenth refuel outage during the period of March 04, 2014 through April 08, 2014.

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 third period of the third ten-year Inservice Inspection (ISI) interval.

There were no examinations of the Primary Containment Vessel Class MC and CC Components scheduled during the fifteenth refueling outage. The only Class MC components examined during the fifteenth refueling outage were the bolts associated with the Containment Personnel Hatch and the Equipment Hatch.

Desludging of the entire suppression pool and a limited inspection of the suppression pool liner was performed as part of the coating maintenance plan. This inspection included the removal of the 1D1-F214 Core Spray Suction Strainer to inspect and recoat, as necessary, the inaccessible areas behind the strainer.

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 NUREG-0619	Intergranular Stress Corrosion Cracking BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking with Generic Letter 81-11
NUREG-0800	No Break Boundaries
GE SIL No 455	Recommendation for Additional ISI of Alloy 182 Nozzle Weldments
USNRC IE Bulletin 95-02 & 96-03	LGS Units 1 and 2 Residual Heat Removal and Core Spray System Suction Strainers.
FSAR Table 3.2-1	Non-Q RPV Internal Components
BWRVIP-18, Rev 1	Core Spray Internals Inspection and Flaw Evaluation Guideline
BWRVIP-26-A	Top Guide Inspection and Flaw Evaluation Guidelines
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-139-A	Steam Dryer Inspection and Flaw Evaluation Guideline
BWRVIP-222	Accelerated Inspection Program for BWRVIP-75-A Category C Dissimilar Metal Welds containing Alloy 182

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	
B-A		30	7	0	23.3%	9.5	31.6%	7		23.3%
B-D	1	34	14	6	35.3%	8	23.5%	4		11.8%
B-G-1		336	0	104	30.9%	120	35.7%	16		4.8%
B-G-2	3	N/A	7	3	N/A	1	N/A	4		N/A
B-K	12	3	0	1	33.3%	1	33.3%	2		66.7%
B-L-2	3	N/A	0	0	N/A	0	N/A	0		N/A
B-M-2	3	N/A	4	1	N/A	0	N/A	2		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%	2		20%
C-A		4	0	1	25.0%	1	25.0%	0		0%
C-B		4	0	1	25.0%	1	25.0%	1		25%
C-C		15	3	0	20.0%	6	40.0%	2		13.3%
C-G		8	3	0	37.5%	2	25.0%	3		37.5%
C-H	4, 5, 13	143	26	22	34.3%	1 / 32	32.2%	14 / 17		11.9%
D-A		16	5	2	43.8%	4	25.0%	5		31.3%
D-B	4, 5, 13	128	21	20	33.6%	2 / 24	32.0%	17 / 2		1.6%
F-A		344	72	13	24.9%	136	39.5%	90		26.2%
R-A	6, 11	127	17	14	24.6%	38	34.2%	28		22.0%

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	
E-A	7, 10	27	9	0	33.3%	9	33.3%	0		0%
E-C	9	0	0	0	N/A	0	N/A	0		N/A
L-A	8	9	3	0	N/A	3	N/A	0		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 third 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.
- 13 Examinations reported in the third period were credited for both the second and third period. The first number is the examinations credited for the second period and the second number is credited for the third period. The percentage for the second period included the examinations reported in the third period but credited to the second period.

Section 1: Summary of In-Service Inspection Results

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
BA	600190	B-A	ISI	UT	99.2%	Accept	XI-RPV-1
Shell Ring No. 1 Vertical Seam Weld	1	B1.12					
BE	600270	B-A	ISI	UT	100%	Accept	XI-RPV-1
Shell Ring No. 2 Vertical Seam Weld	1	B1.12					
BH	600330	B-A	ISI	UT	97.4%	Accept	XI-RPV-1
Shell Ring No. 3 Vertical Seam Weld	1	B1.12					
BJ	600350	B-A	ISI	UT	97.7%	Accept	XI-RPV-1
Shell Ring No. 3 Vertical Seam Weld	1	B1.12					
AH	600550	B-A	ISI	UT	100%	Accept	XI-RPV-1
Closure Head Dollar Plate Weld	1	B1.21					Examined from 180° to 360°.
DN	600620	B-A	ISI	UT	100%	Accept	XI-RPV-1
Closure Head Weld	1	B1.22					
DP	600630	B-A	ISI	UT	100%	Accept	XI-RPV-1
Closure Head Weld	1	B1.22					
AG	600570	B-A	ISI	MT	88.4%	Accept	XI-RPV-1
Closure Head to Flange Weld	1	B1.40					Examined from 180° to 360°. Limited Exam.
AG	600570	B-A	ISI	UT	88.4%	Accept	XI-RPV-1
Closure Head to Flange Weld	1	B1.40					Examined from 180° to 360°. Limited Exam.
N2C-IR	600770	B-D	ISI	UT	100%	Accept	XI-RPV-1
Recirculation Inlet "B" Loop Nozzle Inside Radius Section	1	B3.100					
N4B-IR	601160	B-D	AUG	UT	100%	Accept	XI-RPV-1
Feedwater "B" Loop Nozzle Inside Radius Section	1	B3.100					Section XI Code credit taken during 1R13

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
N4C-IR	601190	B-D	AUG	UT	100%	Accept	XI-RPV-1
Feedwater "C" Loop Nozzle Inside Radius Section	1	B3.100					Section XI Code credit taken during 1R13
N4D-IR	601220	B-D	AUG	UT	100%	Accept	XI-RPV-1
Feedwater "D" Loop Nozzle Inside Radius Section	1	B3.100					Section XI Code credit taken during 1R13
N8B-IR	601450	B-D	ISI	UT	100%	Accept	XI-RPV-1
Jet Pump Instrumentation "A" Loop Nozzle Inside Radius Section	1	B3.100					
N2C	600760	B-D	ISI	UT	98.9%	Accept	XI-RPV-1
Recirculation Inlet "B" Loop Nozzle to Vessel Weld	1	B3.90					
N4B	601150	B-D	AUG	UT	98.2%	Accept	XI-RPV-1
Feedwater "B" Loop Nozzle to Vessel Weld	1	B3.90					Section XI Code credit taken during 1R13
N4C	601180	B-D	AUG	UT	98.2%	Accept	XI-RPV-1
Feedwater "C" Loop Nozzle to Vessel Weld	1	B3.90					
N4D	601210	B-D	AUG	UT	87.3%	Accept	XI-RPV-1
Feedwater "D" Loop Nozzle to Vessel Weld	1	B3.90					Limited Exam
N8B	601440	B-D	ISI	UT	97.50%	Accept	XI-RPV-1
Jet Pump Instrumentation "A" Loop Nozzle to Vessel Weld	1	B3.90					
RRA-P-C001A Studs	108350	B-G-1	ISI	UT	100%	Accept	XI-1P-201
16 Pump Casing Studs	1	B6.180					
N6A HEAD SPRAY FLANGE BOLTING	602390	B-G-2	ISI	VT	100%	Accept	XI-BF-6 PG. 1
12 Studs 24 Nuts - Bolting 2" Dia. & Smaller	1	B7.10					

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
N6B HEAD SPRAY FLANGE BOLTING	602400	B-G-2	ISI	VT	100%	Accept	XI-BF-6 PG. 1
12 Studs 24 Nuts - Bolting 2" Dia. & Smaller	1	B7.10					
N7 VENT FLANGE BOLTING	602410	B-G-2	ISI	VT	100%	Accept	XI-BF-7 PG. 1
8 Studs 16 Nuts - Bolting 2" Dia. & Smaller	1	B7.10					
CRD HOUSING FLANGE BOLTING	600000	B-G-2	ISI	VT	100%	Accept	XI-BE-5 PG. 1
185 CRD Housing Flanges - 8 Cap Screws per Flange	1	B7.80					Replaced the following CRDs, A01 CRD 10-11, A02 CRD 10-23, A03 CRD 10-39, A04 CRD 18-27, A05 CRD 18-59, A06 CRD 22-23, A10 CRD 22-51, A11 CRD 26-31, A12 CRD 26-59, A13 CRD 34-07, A14 CRD 38-35, A15 CRD 38-43, A16 CRD 38-47, A17 CRD 42-51, A18 CRD 50-11, A19 CRD 50-27, A20 CRD 50-43, A21 CRD 30-47, A22 CRD 42- 15
VRR-1RP-H004 (IA)	111660	B-K	ISI	PT	100%	Accept	XI-1P-201
Pump Support, Lug	1	B10.30					Previously seen indication (Ref. Report #111660) no growth observed, acceptable for ER-AA- 335-1008.
VRR-1RP-H005 (IA)	111670	B-K	ISI	PT	100%	Accept	XI-1P-201
Pump Support, Lug	1	B10.30					
HV-41-1F022A Internal Surfaces	106170	B-M-2	ISI	VT	100%	Accept	FIG-03-001
26" A.O.Globe Valve Internal Surfaces	1	B12.50					
HV-41-1F022D Internal Surfaces	106200	B-M-2	ISI	VT	100%	Accept	FIG-03-004
26" A.O. Globe Valve Internal Surfaces	1	B12.50					
RHR-HXAR-N4IR	244801	C-B	ISI	UT	70%	Accept	XI-1E-205
Nozzle N4 Inner Radius	2	C2.22					Limited Exam

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
EBB-129-H011 (IA)	234165	C-C	ISI	MT	100%	Accept	FIG-02-104
Pipe Support, # Lugs	2	C3.20					
EBB-106-H010 (IA)	240680	C-C	ISI	MT	100%	Accept	FIG-03-106
Pipe Support, 8 Lugs	2	C3.20					
RHB-P-E	245000	C-G	ISI	PT	100%	Accept	XI-1P-202
Elbow to Outlet Elbow Weld	2	C6.10					
RHB-P-F	245010	C-G	ISI	PT	100%	Accept	XI-1P-202
Flange to Outlet Elbow Weld	2	C6.10					
RHB-P-G	245020	C-G	ISI	PT	100%	Accept	XI-1P-202
Stuffing Box to Outlet Elbow Weld	2	C6.10					
HBC-084-H001 (IA)	368330	D-A	ISI	VT	100%	Accept	HBC-084-1
Pipe Support, 8 Lugs	3	D1.20					
HBC-084-H004 (IA)	368340	D-A	ISI	VT	100%	Accept	HBC-084-1
Pipe Support, 8 Lugs	3	D1.20					
HBC-138-H018 (IA)	368390	D-A	ISI	VT	100%	Accept	HBC-138-3
Pipe Support, 8 Lugs	3	D1.20					
GBC-101-H191 (IA)	374300	D-A	ISI	VT	100%	Accept	GBC-101-9
Pipe Support, Sleeve	3	D1.20					
HBC-509-H902 (IA)	377774	D-A	ISI	VT	100%	Accept	HBC-509-1
Pipe Support, Anchor Sleeve	3	D1.20					
DBA-107-H020	106600	F-A	ISI	VT	100%	Accept	FIG-06-101
Rigid Restraint	1	F1.10-A					
DBA-112-H009	112430	F-A	ISI	VT	100%	Accept	FIG-08-101
Rigid Restraint	1	F1.10-A					
DBA-112-H010	112440	F-A	ISI	VT	100%	Accept	FIG-08-101
Rigid Restraint	1	F1.10-A					
DLA-112-H013	115630	F-A	ISI	VT	100%	Accept	FIG-01-101
Rigid Restraint	1	F1.10-A					

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
DCA-102-E02-H012	119130	F-A	ISI	VT	100%	Accept	FIG-11-101
Rigid Restraint	1	F1.10-A					
DCA-112-E02-H012	119310	F-A	ISI	VT	100%	Accept	FIG-11-102
Rigid Restraint	1	F1.10-A					
DCA-112-E03-H010	119430	F-A	ISI	VT	100%	Accept	FIG-11-103
Rigid Restraint	1	F1.10-A					
DCA-112-E03-H011	119440	F-A	ISI	VT	100%	Accept	FIG-11-103
Rigid Restraint	1	F1.10-A					
DLA-111-X-16A	100560	F-A	ISI	VT	100%	Accept	FIG-04-101
Anchor	1	F1.10-B					
DLA-106-X-9B	102040	F-A	ISI	VT	100%	Accept	FIG-05-103
Anchor	1	F1.10-B					
DBA-106-X-11	103080	F-A	ISI	VT	100%	Accept	FIG-02-101
Anchor	1	F1.10-B					CNF-002, AR1637184
DBA-107-X-10	106660	F-A	ISI	VT	100%	Accept	FIG-06-101
Anchor	1	F1.10-B					
DLA-112-X-45D	117680	F-A	ISI	VT	100%	Accept	FIG-01-109A
Anchor	1	F1.10-B					
DLA-107-H003	101370	F-A	AUG	VT	100%	Accept	FIG-05-101
Variable Support	1	F1.10-C					Augmented inspection performed every outage per ECR 96-02124
DLA-107-H004	101380	F-A	AUG	VT	100%	Accept	FIG-05-101
Variable Support	1	F1.10-C					Augmented inspection performed every outage per ECR 96-02124
DLA-108-H001	102050	F-A	ISI	VT	100%	Accept	FIG-05-103
Variable Support	1	F1.10-C					
DLA-108-H002	102060	F-A	ISI	VT	100%	Accept	FIG-05-103
Variable Support	1	F1.10-C					
DLA-108-H003	102070	F-A	AUG	VT	100%	Accept	FIG-05-103
Variable Support	1	F1.10-C					Augmented inspection performed every outage per ECR 96-02124
DLA-108-H004	102080	F-A	AUG	VT	100%	Accept	FIG-05-103
Variable Support	1	F1.10-C					Augmented inspection performed every outage per ECR 96-02124
DBA-106-H001	102940	F-A	ISI	VT	100%	Accept	FIG-02-101
Variable Support	1	F1.10-C					

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
DBA-106-H010	103030	F-A	ISI	VT	100%	Accept	FIG-02-101
Mechanical Snubber	1	F1.10-C					
DBA-107-H012	106520	F-A	ISI	VT	100%	Accept	FIG-06-101
Mechanical Snubber	1	F1.10-C					
DCA-177-E01-H007	109650	F-A	ISI	VT	100%	Accept	FIG-07-103
Variable Support	1	F1.10-C					
VRR-1RS-HHA1	109930	F-A	ISI	VT	100%	Accept	FIG-07-101
Variable Support	1	F1.10-C					
DCA-185-E01-H001	111230	F-A	ISI	VT	100%	Accept	FIG-07-104
Variable Support	1	F1.10-C					
DCA-185-E01-H005	111270	F-A	ISI	VT	100%	Accept	FIG-07-104
Variable Support	1	F1.10-C					
VRR-1RD-H011	111320	F-A	ISI	VT	100%	Accept	FIG-07-102
Mechanical Snubber	1	F1.10-C					
VRR-1RD-H012	111330	F-A	ISI	VT	100%	Accept	FIG-07-102
Mechanical Snubber	1	F1.10-C					
VRR-1RS-HHB1	111560	F-A	ISI	VT	100%	Accept	FIG-07-102
Variable Support	1	F1.10-C					
DBA-112-H004	112380	F-A	ISI	VT	100%	Accept	FIG-08-101
Mechanical Snubber	1	F1.10-C					
DCA-101-H003	112530	F-A	ISI	VT	100%	Accept	FIG-08-102
Variable Support	1	F1.10-C					
DCA-101-H014	112640	F-A	ISI	VT	100%	Accept	FIG-08-102
Mechanical Snubber	1	F1.10-C					
DCA-101-H015	112650	F-A	ISI	VT	100%	Accept	FIG-08-102
Mechanical Snubber	1	F1.10-C					
DCA-104-H023	115490	F-A	ISI	VT	100%	Accept	FIG-01-101
Mechanical Snubber	1	F1.10-C					

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
DCA-104-H024	115500	F-A	ISI	VT	100%	Accept	FIG-01-101
Mechanical Snubber	1	F1.10-C					
DCA-318-H006	115610	F-A	ISI	VT	100%	Accept	FIG-01-101
Variable Support	1	F1.10-C					
DCA-104-H006	116490	F-A	ISI	VT	100%	Accept	FIG-01-104
Variable Support	1	F1.10-C					
DCA-105-H014	118130	F-A	ISI	VT	100%	Accept	FIG-01-111
Mechanical Snubber	1	F1.10-C					
EBB-142-SH-W17	228210	F-A	ISI	VT	100%	Accept	FIG-09-102
Rigid Restraint	2	F1.20-A					
GBB-112-H043	231880	F-A	ISI	VT	100%	Accept	FIG-04-105
Rigid Restraint	2	F1.20-A					
EBB-101-H031	239370	F-A	ISI	VT	100%	Accept	FIG-03-105
Rigid Restraint	2	F1.20-A					
EBB-126-H002	242130	F-A	ISI	VT	100%	Accept	FIG-06-103
Rigid Restraint	2	F1.20-A					
EBB-135-H023	242360	F-A	ISI	VT	100%	Accept	FIG-06-103
Rigid Restraint	2	F1.20-A					
EBB-135-H024	242370	F-A	ISI	VT	100%	Accept	FIG-06-103
Rigid Restraint	2	F1.20-A					
GBB-106-H002	248460	F-A	ISI	VT	100%	Accept	FIG-01-116
Rigid Restraint	2	F1.20-A					
GBB-106-H003	248470	F-A	ISI	VT	100%	Accept	FIG-01-116
Rigid Restraint	2	F1.20-A					
GBB-118-H018	248910	F-A	ISI	VT	100%	Accept	FIG-01-103
Rigid Restraint	2	F1.20-A					
GBB-117-H003	252730	F-A	ISI	VT	100%	Accept	FIG-01-106
Rigid Restraint	2	F1.20-A					
HBB-118-H003	258730	F-A	ISI	VT	100%	Accept	FIG-01-112
Rigid Restraint	2	F1.20-A					
GBB-113-H009	229900	F-A	ISI	VT	100%	Accept	FIG-04-102
Variable Support	2	F1.20-C					
GBB-113-H010	229910	F-A	ISI	VT	100%	Accept	FIG-04-102
Variable Support	2	F1.20-C					

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
GBB-112-H049	231890	F-A	ISI	VT	100%	Accept	FIG-04-105
Variable Support	2	F1.20-C					
EBB-129-H007	234100	F-A	ISI	VT	100%	Accept	FIG-02-105
Variable Support	2	F1.20-C					
EBB-129-H011	234160	F-A	ISI	VT	100%	Accept	FIG-02-104
Variable Support	2	F1.20-C					
EBB-129-H045	234310	F-A	ISI	VT	100%	Accept	FIG-02-104
Variable Support	2	F1.20-C					CNF-004, AR1638828.
EBB-106-H010	240610	F-A	ISI	VT	100%	Accept	FIG-03-106
Mechanical Snubbers (A & B)	2	F1.20-C					
EBB-109-H023	241960	F-A	ISI	VT	100%	Accept	FIG-06-102
Mechanical Snubber	2	F1.20-C					
EBB-109-H035	242000	F-A	ISI	VT	100%	Accept	FIG-06-102
Mechanical Snubber	2	F1.20-C					
GBB-102-H015	248230	F-A	ISI	VT	100%	Accept	FIG-01-103
Variable Support	2	F1.20-C					
GBB-102-H019	248240	F-A	ISI	VT	100%	Accept	FIG-01-126
Mechanical Snubber	2	F1.20-C					
GBB-102-H020	248250	F-A	ISI	VT	100%	Accept	FIG-01-126
Mechanical Snubber	2	F1.20-C					
GBB-117-H009	248780	F-A	ISI	VT	100%	Accept	FIG-01-103
Variable Support	2	F1.20-C					
HBB-118-H016	249350	F-A	ISI	VT	100%	Accept	FIG-01-103
Variable Support	2	F1.20-C					
GBB-101-H032	252300	F-A	ISI	VT	100%	Accept	FIG-01-106
Mechanical Snubber	2	F1.20-C					
GBB-102-H006	252360	F-A	ISI	VT	100%	Accept	FIG-01-106
Variable Support	2	F1.20-C					
GBB-108-H006	252690	F-A	ISI	VT	100%	Accept	FIG-01-123
Variable Support	2	F1.20-C					CNF-001, AR1636880

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
HBB-118-H022	253250	F-A	ISI	VT	100%	Accept	FIG-01-106
Variable Support	2	F1.20-C					
GBB-119-H027	256950	F-A	ISI	VT	100%	Accept	FIG-01-109
Variable Support	2	F1.20-C					
HBC-083-H009	365050	F-A	ISI	VT	100%	Accept	HBC-083-1
Rigid Restraint	3	F1.30-A					
HBC-083-H010	365060	F-A	ISI	VT	100%	Accept	HBC-083-1
Rigid Restraint	3	F1.30-A					
HBC-083-H020	365150	F-A	ISI	VT	100%	Accept	HBC-083-2
Rigid Restraint	3	F1.30-A					
HBC-083-H021	365160	F-A	ISI	VT	100%	Accept	HBC-083-2
Rigid Restraint	3	F1.30-A					
HBC-138-H010	365330	F-A	ISI	VT	100%	Accept	HBC-138-1
Rigid Restraint	3	F1.30-A					
HBC-138-H010A	365340	F-A	ISI	VT	100%	Accept	HBC-138-1
Rigid Restraint	3	F1.30-A					
HBC-138-H018	365410	F-A	ISI	VT	100%	Accept	HBC-138-3
Rigid Restraint	3	F1.30-A					
HBC-082-H019	366710	F-A	ISI	VT	100%	Accept	HBC-082-2
Rigid Restraint	3	F1.30-A					
HBC-084-H001	366800	F-A	ISI	VT	100%	Accept	HBC-084-1
Rigid Restraint	3	F1.30-A					
HBC-084-H004	366830	F-A	ISI	VT	100%	Accept	HBC-084-1
Rigid Restraint	3	F1.30-A					CNF-003, AR1638824
GBC-101-H147	373660	F-A	ISI	VT	100%	Accept	GBC-101-014
Rigid Restraint	3	F1.30-A					
HBC-280-H013	376345	F-A	ISI	VT	100%	Accept	HBC-280-1
Rigid Restraint	3	F1.30-A					
HBC-507-H156	377630	F-A	ISI	VT	100%	Accept	HBC-507-18
Rigid Restraint	3	F1.30-A					
HBC-507-H142	379310	F-A	ISI	VT	100%	Accept	HBC-507-3
Rigid Restraint	3	F1.30-A					
HBC-507-H174	379595	F-A	ISI	VT	100%	Accept	HBC-507-1
Rigid Restraint	3	F1.30-A					

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
HBC-083-H901	365220	F-A	ISI	VT	100%	Accept	HBC-083-1
Anchor	3	F1.30-B					
GBC-116-1 FW51	374460	F-A	ISI	VT	100%	Accept	GBC-116-1
Anchor: Flued Head AT X-232A to Penetration Sleeve	3	F1.30-B					
GBC-116-4 FW51	374620	F-A	ISI	VT	100%	Accept	GBC-116-4
Anchor: Flued Head AT X-232D to Penetration Sleeve	3	F1.30-B					
GBC-116-7 FW51	374680	F-A	ISI	VT	100%	Accept	GBC-116-7
Anchor: Flued Head AT X-232L to Penetration Sleeve	3	F1.30-B					
HBC-509-H902	377775	F-A	ISI	VT	100%	Accept	HBC-509-1
Anchor	3	F1.30-B					
HBC-152-H001A	367440	F-A	ISI	VT	100%	Accept	HBC-152-1
Mechanical Snubber	3	F1.30-C					
GBC-101-H191	372670	F-A	ISI	VT	100%	Accept	GBC-101-9
Mechanical Snubbers (A & B)	3	F1.30-C					
HBC-507-H001	379500	F-A	ISI	VT	100%	Accept	HBC-507-1
Variable Support	3	F1.30-C					
VRR-1RM-H005	111450	F-A	ISI	VT	100%	Accept	XI-1P-201
Mechanical Snubber - Motor Support	1	F1.40					
CSD-P-A1	232280	F-A	ISI	VT	100%	Accept	XI-1P-206
Final Mechanical Conn. Hold Down Flg (Includes 10 Bolts)	2	F1.40					
RHA-P-A1	252100	F-A	ISI	VT	100%	Accept	XI-1P-202
RHR Pump Support	2	F1.40					

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
1B1F214	231034	NA	AUG	VT	100%	Accept	FIG-04-109
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
1D2F211	231354	NA	AUG	VT	100%	Accept	FIG-01-130
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
1B1F211	254094	NA	AUG	VT	100%	Accept	FIG-01-128
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
1B2F211	254095	NA	AUG	VT	100%	Accept	FIG-01-128
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
1D1F211	258124	NA	AUG	VT	100%	Accept	FIG-01-130
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
1D1F214	258125	NA	AUG	VT	100%	Accept	FIG-04-111
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA					
RHR STRAINER MODULE	258126	NA	AUG	VT	100%	Accept	FIG-01-127
Pump Suction Strainer Screen (Debris Exam)	2	NA					Examined RHR Strainer 1B1-F211, 1B2-F211, 1D1-F211, & 1D2-F211
CS STRAINER MODULE	258127	NA	AUG	VT	100%	Accept	FIG-04-108
Pump Suction Strainer Screen (Debris Exam)	2	NA					Examined CS Strainer 1B1-F214 & 1D1-F214
N4B-BORE	601171	NA	AUG	UT	100%	Accept	XI-RPV-1
Feedwater Loop B	1	NA					

Component ID	Summary		Exam	Actual	Code	Exam	Iso Number
	#	Category					
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
N4C-BORE	601201	NA	AUG	UT	100%	Accept	XI-RPV-1
Feedwater Loop C	1	NA					
N4D-BORE	601231	NA	AUG	UT	100%	Accept	XI-RPV-1
Feedwater Loop D	1	NA					
LIFTING LUG 000 DEG	602540	NA	AUG	MT	100%	Accept	XI-BH-4
Lug to Closure Head Weld	1	NA					
LIFTING LUG 090 DEG	602550	NA	AUG	MT	100%	Accept	XI-BH-4
Lug to Closure Head Weld	1	NA					
LIFTING LUG 180 DEG	602560	NA	AUG	MT	100%	Accept	XI-BH-4
Lug to Closure Head Weld	1	NA					
LIFTING LUG 270 DEG	602570	NA	AUG	MT	100%	Accept	XI-BH-4
Lug to Closure Head Weld	1	NA					
FWA 005	101680	R-A	ISI	UT	100%	Accept	FIG-05-001
12" Pipe to Elbow	1	R1.11-1					
FWA 004	101670	R-A	ISI	UT	100%	Accept	FIG-05-001
12" Elbow to Pipe	1	R1.11-18					
FWA 006	101690	R-A	ISI	UT	100%	Accept	FIG-05-001
12"X20" Reducer to 12" Pipe	1	R1.11-18					
CSB 003	100670	R-A	ISI	UT	100%	Accept	FIG-04-004
12" Pipe to Elbow	1	R1.11-2					
RHB 001	116690	R-A	ISI	UT	100%	Accept	FIG-01-004
12" Elbow to Pipe	1	R1.11-2					
RHB 003	116790	R-A	ISI	UT	50%	Accept	FIG-01-004
12" Pipe to Valve	1	R1.11-2				Limited Exam	
RHB 004	116810	R-A	ISI	UT	100%	Accept	FIG-01-004
12" Elbow to Pipe	1	R1.11-2					
RHB 005	116850	R-A	ISI	UT	100%	Accept	FIG-01-004
12" Pipe to Elbow	1	R1.11-2					
RHB 070A	117030	R-A	ISI	UT	100%	Accept	FIG-01-004
12" Pipe to Pipe	1	R1.11-2					

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
DCA-318-2 N17A	602220	R-A	ISI	UT	100%	Accept	FIG-01-004
Safe End to Nozzle (Az. 45 Deg.)	1	R1.11-2					
SC 050	120080	R-A	ISI	VT	100%	Accept	FIG-11-003
2" Elbow to Pipe	1	R1.11-2S					
FWA 036	233360	R-A	ISI	UT	100%	Accept	FIG-05-002
24" Pipe to 24"X24"X16" Tee	2	R1.11-3					
FWA 036	233360	R-A	AUG	UT	100%	Accept	FIG-05-002
24" Pipe to 24"X24"X16" Tee	2	R1.11-3					
RHB 009	116940	R-A	ISI	UT	100%	Accept	FIG-01-004
12" Pipe to Elbow	1	R1.11-5					
RHA 041	249850	R-A	ISI	UT	100%	Accept	FIG-01-003
18" Tee to Pipe	2	R1.13-5					
RW 138	375231	R-A	AUG	UT	50%	Accept	FIG-08-002
6" Valve HV-44-1F040 to Pipe	3	R1.16-2					BER weld, limited Exam
RW 139	375241	R-A	AUG	UT	100%	Accept	FIG-08-002
6" Pipe to Elbow	3	R1.16-2					BER weld
RW 140	375251	R-A	AUG	UT	100%	Accept	FIG-08-002
6" Elbow to Pipe	3	R1.16-2					BER weld
VRR-1RD-1B N2C	601830	R-A	AUG	UT	100%	Accept	FIG-07-002
Safe End to Nozzle (Az.90)	1	R1.16-2					IGSCC Cat C weld, Auto Examination
VRR-1RD-1A N2H	601930	R-A	AUG	UT	99.75%	Accept	FIG-07-001
Safe End to Nozzle (Az.270)	1	R1.16-2					IGSCC Cat E weld, Auto Examination CNF-006, AR1641074. Previously identified flaws were examined with no noted growth, Bounded by previous NB-3600 analysis.
VRR-1RD-1A N2K	601970	R-A	AUG	UT	100%	Accept	FIG-07-001
Safe End to Nozzle (Az.330)	1	R1.16-2					IGSCC Cat C weld, Auto Examination

Component ID	Summary #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
RPV-1IN N8B	602070	R-A	AUG	UT	100%	Accept	XI-BF-8
Nozzle to Safe End (Jet Pump Instrument - Az. 289 Deg.)	1	R1.16-2					IGSCC Cat C weld, Manual Examination
CSB 005	100750	R-A	ISI	UT	100%	Accept	FIG-04-004
12" Pipe to Elbow	1	R1.20-4					
MSA 012	104130	R-A	ISI	UT	100%	Accept	FIG-03-002
26" Pipe to 26"X8" Sweepolet	1	R1.20-4					
MSA 013	104140	R-A	ISI	UT	100%	Accept	FIG-03-002
26"X8" Sweepolet to Pipe	1	R1.20-4					
MSA 020	104220	R-A	ISI	UT	100%	Accept	FIG-03-001
26" Pipe (FE 1N051) to Elbow	1	R1.20-4					
MSC 004	104840	R-A	ISI	UT	100%	Accept	FIG-03-002
26" Pipe to 26"X8" Sweepolet	1	R1.20-4					
MSC 006	104860	R-A	ISI	UT	100%	Accept	FIG-03-002
8" Pipe to Flange	1	R1.20-4					
MSC 020	105000	R-A	ISI	UT	100%	Accept	FIG-03-004
26" Pipe to Elbow	1	R1.20-4					
RC 125	106880	R-A	ISI	UT	100%	Accept	FIG-06-001
3" Elbow to Pipe	1	R1.20-4					
RC 128	106910	R-A	ISI	UT	100%	Accept	FIG-06-001
3" Pipe to Elbow	1	R1.20-4					
RC 129	106920	R-A	ISI	UT	100%	Accept	FIG-06-001
3" Elbow to Pipe	1	R1.20-4					
RRB 004	110150	R-A	ISI	UT	50%	Accept	FIG-07-002
28"X28"X20" Tee to 28" Pipe	1	R1.20-4					Limited Exam
RW 013	113370	R-A	ISI	UT	100%	Accept	FIG-08-002
6" Elbow to Pipe	1	R1.20-4					
RW 015	113390	R-A	ISI	UT	100%	Accept	FIG-08-002
6" Elbow to Pipe	1	R1.20-4					
RH 049	245590	R-A	ISI	UT	100%	Accept	FIG-01-013
20" Pipe to 24"X24"X20" Tee	2	R1.20-4					

Summary							
Component ID	#	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam	Coverage	Results	Exam Comments
VRR-1RD-1B WB17	602620	R-A	ISI	UT	100%	Accept	FIG-07-002
12" Pipe to Safe End (Az. 90 Deg.)	1	R1.20-4					
SC 048	120060	R-A	ISI	VT	100%	Accept	FIG-11-003
2" Elbow to Pipe	1	R1.20-4S					

Limerick ISI Pressure Testing Results Listing
Unit 1

Interval: 3
Period: 3
Outage: 1R15

Component ID	Iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)	
Description	Insp. Date	Cat.	Reason(s)	Exam	Coverage		Number	Inspection Comments	
		Item						Cal Block	
ST-4-041-952-1 RPV Head Flange Seal Leak Detection System	ST-INDEXX 3/27/2014	B-P B15.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-041-950-1 ISI Pressure Test for all Class 1 Systems and some Class 2 Systems	ST-INDEXX 4/4/2014	B-P, C-H B15.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-026-950-1 ISI Inservice Pressure Test of Plant Process Radiation Monitoring Piping	ST-INDEXX 5/31/2012	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2
ST-4-030-950-1 PASS and Containment Atmospheric Control Sample Loops Functional Pressure Test and Contaminated Piping Inspection	ST-INDEXX 4/2/2014	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-044-950-1 ISI Inservice Pressure Test of Reactor Water Clean-Up	ST-INDEXX 4/4/2014	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-049-950-1 ISI Functional Pressure Test of RCIC Pump Discharge and Turbine Exhaust	ST-INDEXX 9/12/2012	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-049-951-1 ISI Inservice Pressure Test of RCIC Pump and Turbine Supply	ST-INDEXX 9/12/2012	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-049-953-1 ISI Inservice Pressure Test of RCIC Exhaust Vacuum Breaker Piping	ST-INDEXX 6/7/2013	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-051-951-1 ISI Functional Pressure Test of RHR Loop A	ST-INDEXX 1/3/2014	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-051-952-1 ISI Functional Pressure Test of RHR Loop B	ST-INDEXX 5/9/2013	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-051-953-1 ISI Functional Pressure Test of RHR Loop C	ST-INDEXX 6/14/2012	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-051-954-1 ISI Functional Pressure Test of RHR Loop D	ST-INDEXX 1/24/2013	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-052-951-1 ISI Functional Pressure Test Class II Core Spray A and C Loops	ST-INDEXX 11/1/2013	C-H C7.10	XI		VT-2	100	NRI		Pressure test credited for I-3 P-2.

Limerick ISI Pressure Testing Results Listing

Interval: 3
Period: 3
Outage: 1R15

Unit 1

Component ID	Iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)
Description	Insp. Date	Cat. Item	Reason(s)	Exam	Coverage		Number	Inspection Comments
								Cal. Block
ST-4-052-952-1 ISI Functional Pressure Test Class II Core Spray B and D Loops	ST-INDEIX 9/19/2012	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-052-953-1 ISI Functional Pressure Test of Safeguard Piping Fill Loops A and B	ST-INDEIX 1/15/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-055-950-1 ISI Functional Pressure Test of HPCI Pump Discharge and Turbine Exhaust	ST-INDEIX 12/31/2012	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-2
ST-4-055-951-1 ISI Inservice Pressure Test of HPCI Pump and Turbine Supply	ST-INDEIX 1/22/2013	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-055-954-1 ISI Inservice Pressure Test of HPCI Exhaust Vacuum Breaker Piping	ST-INDEIX 9/19/2013	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-2.
ST-4-LLR-222-1 Drywell Purge Supply LLRT, Penetration X-25	ST-INDEIX 4/3/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-231-1 Drywell Purge Exhaust LLRT, Penetration X-28	ST-INDEIX 3/25/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-232-1 Drywell Purge Exhaust LLRT, Penetration X-26	ST-INDEIX 3/29/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-262-1 Drywell H2/O2 Sample LLRT, Penetration X-28A	ST-INDEIX 3/19/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-271-1 Drywell H2/O2 Sample LLRT, Penetration X-28B	ST-INDEIX 3/17/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-541-1 H2/O2 Sample Return LLRT, Penetration X- 62/X-220A	ST-INDEIX 3/26/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3
ST-4-LLR-571-1 Suppression Pool Purge Supply LLRT, Penetration X-201A	ST-INDEIX 3/26/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-572-1 Suppression Pool Purge Supply LLRT, Penetration X-201A/X-25	ST-INDEIX 3/26/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.
ST-4-LLR-581-1 Suppression Pool Purge Exhaust, Penetration X- 202	ST-INDEIX 3/24/2014	C-H C7.10	XI	VT-2	100	NRI		Pressure test credited for I-3 P-3.

Limerick ISI Pressure Testing Results Listing
Unit 1

Interval: 3
Period: 3
Outage: 1R15

Component ID	Iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)
Description	Insp. Date	Cat.	Reason(s)	Exam	Coverage		Number	Inspection Comments
		Item						Cal Block
ST-4-LLR-582-1 Suppression Pool Purge Exhaust LLRT. Penetration X-202	ST-INDEX 3/23/2014	C-H	XI		VT-2	100	NRI	Pressure test credited for I-3 P-3.
ST-4-LLR-831-1 Wetwell H2/O2 Sample LLRT, Penetration X-221A	ST-INDEX 3/19/2014	C-H	XI		VT-2	100	NRI	Pressure test credited for I-3 P-3.
ST-4-LLR-841-1 Wetwell H2/O2 Sample LLRT, Penetration X-221B	ST-INDEX 3/18/2014	C-H	XI		VT-2	100	NRI	Pressure test credited for I-3 P-3.
ST-4-057-951-1 A Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	ST-INDEX 3/24/2014	C-H, D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-3.
ST-4-057-952-1 B Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	ST-INDEX 3/28/2014	C-H, D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-3.
ST-4-011-951-0 ISI Functional Pressure Test of Emergency Service Water Loop A	ST-INDEX 1/25/2013	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-011-952-0 ISI Functional Pressure Test of Emergency Service Water Loop B	ST-INDEX 5/11/2012	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-011-953-0 ESW and RHRSW Loop A Buried Pipe Flow Test	ST-INDEX 1/30/2013	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-011-954-0 ESW and RHRSW Loop B Buried Pipe Flow Test	ST-INDEX 1/18/2013	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-012-950-1 ISI Functional Pressure Test of 1A Residual Heat Removal Service Water HX	ST-INDEX 10/4/2012	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-012-960-0 ISI Pressure Test of Residual Heat Removal Service Water "A" Spray Network	ST-INDEX 10/4/2012	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.
ST-4-012-961-0 ISI Pressure Test of Residual Heat Removal Service Water "B" Spray Network	ST-INDEX 11/5/2013	D-B	XI		VT-2	100	NRI	Pressure test credited for I-3 P-2.

Limerick ISI Pressure Testing Results Listing
Unit 1

Interval: 3
Period: 3
Outage: 1R15

Component ID	Iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)
Description	Insp. Date	Cat. Item	Reason(s)	Exam	Coverage		Number	Inspection Comments
								Cal Block
ST-4-012-962-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Pressure Test of Residual Heat Removal Service Water "C" Spray Network	2/22/2014	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-963-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Pressure Test of Residual Heat Removal Service Water "D" Spray Network	11/5/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-951-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of D11 Diesel Fuel Oil Transfer System	8/1/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-952-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of D12 Diesel Fuel Oil Transfer System	8/7/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-953-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of D13 Diesel Fuel Oil Transfer System	5/14/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-954-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of D14 Diesel Fuel Oil Transfer System	2/26/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-961-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
D11 Diesel Fuel Oil Storage and Transfer System Buried Pipe and Storage Tank 1A-T527 Pressure Decay Test	7/5/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-964-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
D14 Diesel Fuel Oil Storage and Transfer System Buried Pipe and Storage Tank 1DT527 Pressure Decay Test	8/21/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-053-951-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Inservice Pressure Test of the Fuel Pool Cooling System	7/10/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-092-981-1	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Pressure Test of the D11 Diesel (1AG501) Fuel and Diesel Oil Storage and Transfer Systems	5/30/2012	D2.10						Pressure test credited for I-3 P-2.

Section 1: Limerick 1R15 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 N17C LPCI Coupling Shroud Attachment Ring to Shroud Weld (225 Az)	127595 BWRVIP-42	N/A N/A	RE	EVT-1	60	NRI	3/22/2014	XI-BN-14
LI1/45-06a N17C LPCI Coupling Clamp / Bolt RPV (225 Az)	128336 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LI1/45-06b N17C LPCI Coupling Clamp / Bolt Shroud (225 Az)	128363 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LI1/45-06c N17C LPCI Coupling Clamp / Bolt RPV (225 Az)	128345 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LI1/45-08d N17C LPCI Coupling Clamp / Bolt Shroud (225 Az)	128300 BWRVIP-42	N/A N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LI1/45-08a N17C LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	127544 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LI1/45-08b N17C LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	127547 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LI1/45-08c N17C LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	127349 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LI1/45-08d N17C LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	127604 BWRVIP-42	N/A N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LI1/45-12 N17C LPCI Coupling Sleeve Flange to Thermal Sleeve Weld at RPV (225 Az)	127262 BWRVIP-42	N/A N/A	RE	EVT-1	10	NRI	3/22/2014	XI-BN-14
LI1/C-C-1 Top Guide C-Clamp 000 Deg Az	604000 BWRVIP-26 / B-N-2	B-N-2 B13.40	RE	VT-3	90	NRI	3/19/2014	B11-D277
LI1/C-C-2 Top Guide C-Clamp 270 Deg Az	604010 BWRVIP-26 / B-N-2	B-N-2 B13.40	RE	VT-3	100	NRI	3/19/2014	B11-D277
LI1/C-C-3 Top Guide C-Clamp 180 Deg Az	604020 BWRVIP-26 / B-N-2	B-N-2 B13.40	RE	VT-3	90	NRI	3/19/2014	B11-D277
LI1/C-C-4 Top Guide C-Clamp 090 Deg Az	604030 BWRVIP-26 / B-N-2	B-N-2 B13.40	RE	VT-3	100	NRI	3/19/2014	B11-D277

Section 1: Limerick 1R15 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/CSB 274.5 Az Core Spray "A and C" Header Vertical Bracket (PB7) Attachment Weld to RPV	604510 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	65	NRI	3/20/2014	XI-BNN
Li1/CSB 345 Az Core Spray "A and C" Header Bracket (PB8) Attachment Weld to RPV	604470 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	65	NRI	3/20/2014	XI-BNN
Li1/FS/PERIPHERAL FUEL SUPPORT 24 CASTING BY CORE POSITION	605120 N/A	N/A N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-07 PG. 2 Access granted to FSC 15-58 only
Li1/FWS N4A N4A Feedwater Sparger Assembly and Brackets (5- 55 Az)	604531 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-09
Li1/FWS N4B N4B Feedwater Sparger Assembly and Brackets (65- 115 Az)	604571 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-09
Li1/FWS N4C N4C Feedwater Sparger Assembly and Brackets (125-175 Az)	604611 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-09
Li1/FWS N4D N4D Feedwater Sparger Assembly and Brackets (185-235 Az)	604651 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/20/2014	XI-BN-09
Li1/FWS N4E N4E Feedwater Sparger Assembly and Brackets (245-295 Az)	604691 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/21/2014	XI-BN-09
Li1/FWS N4F N4F Feedwater Sparger Assembly and Brackets (305-355 Az)	604731 NUREG 0619	N/A N/A	RE	VT-3	100	NRI	3/21/2014	XI-BN-09
Li1/FWSB 005 Az - PIN-NUT N4A Feedwater Sparger Bracket Pin and Nut		N/A	SP	VT-3	100	NRI	3/19/2014	
	OPEX Exam	N/A		VT-1	100	NRI	3/19/2014	
Li1/FWSB 055 Az - PIN-NUT N4A Feedwater Sparger Bracket Pin and Nut		N/A	SP	VT-3	100	NRI	3/18/2014	
	OPEX Exam	N/A		VT-1	100	NRI	3/18/2014	
Li1/FWSB 065 Az - PIN-NUT N4B Feedwater Sparger Bracket Pin and Nut		N/A	SP	VT-3	100	NRI	3/18/2014	
	OPEX Exam	N/A		VT-1	100	NRI	3/18/2014	

Section 1: Limerick 1R15 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 115 Az - PIN-NUT N4B Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	NRI	3/20/2014	
Li1/FWSB 125 Az - PIN-NUT N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	95	NRI	3/20/2014	
Li1/FWSB 175 Az - PIN-NUT N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	NRI	3/20/2014	
Li1/FWSB 185 Az - PIN-NUT N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	RI	3/20/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 235 Az - PIN-NUT N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	RI	3/21/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 245 Az N4E Feedwater Sparger Bracket Attachment Weld to RPV	604710 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	60	NRI	3/21/2014	XI-BNN
Li1/FWSB 245 Az - PIN-NUT N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	80	NRI	3/21/2014	
Li1/FWSB 295 Az N4E Feedwater Sparger Bracket Attachment Weld to RPV	604720 BWRVIP-48	B-N-2 B13.30	RE	EVT-1	60	NRI	3/20/2014	XI-BNN
Li1/FWSB 295 Az - PIN-NUT N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	RI	3/19/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 305 Az - PIN-NUT N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	RI	3/19/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 355 Az - PIN-NUT N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A	SP	VT-3	100	NRI	3/19/2014	
Li1/H09 Core Shroud Support Plate to RPV Weld	603150 BWRVIP-38 / B-N-2	B-N-2 B13.40	RE	UT	10.4	RI	3/21/2014	XI-BN-10 Two indications noted; acceptable per IWB-3510-1
Li1/JP01 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04

Section 1: Limerick 1R15 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-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04 INR LI1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
LI1/JP01 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04 INR LI1R15 IVVI-14-04; Evaluated as acceptable under IR1638366
LI1/JP01 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
LI1/JP01 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125576 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
LI1/JP01 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125606 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
LI1/JP01 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT EVT-1	100 100	NRI NRI	3/19/2014 3/18/2014	XI-BN-04
LI1/JP01 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
LI1/JP01 WD-1 Jet Pump Wedge Bearing Surface	126134 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/17/2014	XI-BN-04
LI1/JP02 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
LI1/JP02 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
LI1/JP02 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
LI1/JP02 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125577 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
LI1/JP02 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125607 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
LI1/JP02 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04

Section 1: Limerick 1R15 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 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Li1/JP02 WD-1 Jet Pump Wedge Bearing Surface	126137 BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP02 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP02 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP03 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP03 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP03 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	70	NRI	3/18/2014	XI-BN-04
Li1/JP03 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP03 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125627 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP03 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125608 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP03 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP03 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Li1/JP03 WD-1 Jet Pump Wedge Bearing Surface	126140 BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP04 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04

Section 1: Limerick 1R15 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 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP04 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP04 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP04 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Li1/JP04 WD-1 Jet Pump Wedge Bearing Surface	126143 BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP04 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP04 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP05 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/19/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP05 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125492 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125498 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04

Section 1: Limerick 1R15 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 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-04
Li1/JP05 WD-1 Jet Pump Wedge Bearing Surface	126146 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP06 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP06 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/19/2014	XI-BN-04 INR Li1R15 IVVI-14-03: Evaluated as acceptable under IR1638365
Li1/JP06 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP06 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Li1/JP06 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125493 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP06 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125499 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP06 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP06 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-04
Li1/JP06 WD-1 Jet Pump Wedge Bearing Surface	126149 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP07 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP07 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP07 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP07 Aux Wedge Repair (VS) Vessel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A	BL	VT-3	100	NRI	3/18/2014	
Li1/JP07 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125525 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP07 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125537 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP07 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP07 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Li1/JP07 WD-1 Jet Pump Wedge Bearing Surface	126152 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP07-08 RBSP Jet Pump Nos. 07 and 08 Riser Brace Support Pad Welds to RPV (2 Weld Buildup Locations 113 and 128 Az)	603900 BWRVIP-48	B-N-2 B13.20	RE	EVT-1	70	NRI	3/20/2014	XI-BNN
Li1/JP07-08 RS-3 Jet Pump Riser Pipe to Transition Piece Weld	125009 BWRVIP-41	N/A	RE	EVT-1	30	NRI	3/18/2014	XI-BN-04
Li1/JP08 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP08 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP08 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP08 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP08 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Li1/JP08 WD-1 Jet Pump Wedge Bearing Surface	126155 BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361

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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 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP08 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP09 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP09 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP09 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP09 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Li1/JP09 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125486 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP09 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125618 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP09 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP09 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	50	RI	3/19/2014	XI-BN-04 INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
Li1/JP09 WD-1 Jet Pump Wedge Bearing Surface	126158 BWRVIP-41	N/A	SP	VT-1	95	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP09-10 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125312 BWRVIP-41	N/A	ES	EVT-1	100	NRI	3/22/2014	XI-BN-04
Li1/JP10 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP10 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04

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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 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP10 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Li1/JP10 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125487 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP10 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125619 BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP10 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Li1/JP10 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-04
Li1/JP10 WD-1 Jet Pump Wedge Bearing Surface	126161 BWRVIP-41	N/A	SP	VT-1	95	RI	3/17/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP11 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP11 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP11 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP11 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP11 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125591 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP11 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125477 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP11 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04

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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 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638398
LI1/JP11 SJC - Gap Jet Pump Slip Joint Clamp Gap Inspection	OPEX	N/A	SP	VT-1	80	NRI	3/24/2014	XI-BN-04
LI1/JP11 WD-1 Jet Pump Wedge Bearing Surface	126206 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
LI1/JP12 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
LI1/JP12 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
LI1/JP12 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
LI1/JP12 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
LI1/JP12 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125592 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
LI1/JP12 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125478 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
LI1/JP12 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
LI1/JP12 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
LI1/JP12 WD-1 Jet Pump Wedge Bearing Surface	126167 BWRVIP-41	N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
LI1/JP13 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
LI1/JP13 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP13 Aux Wedge Repair (SS) Shroud Side Jet Pump Aux Wedge Repair		N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Li1/JP13 Aux Wedge Repair (VS) Vessel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Li1/JP13 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125474 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP13 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125624 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP13 BB-3 Jet Pump Hold Down Beam Transition Region		N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP13 MX-7 Jet Pump Wedge Bracket to Inlet Mixer Welds		N/A	ES	EVT-1	50	NRI	3/25/2014	XI-BN-04
Li1/JP13 SJC Jet Pump Slip Joint Clamp		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Li1/JP13 WD-1 Jet Pump Wedge Bearing Surface	126128 BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01: Evaluated as acceptable under IR1638361
Li1/JP13-14 RB-1a Jet Pump Riser Brace Leaf to RPV Pad Weld	125534 BWRVIP-41	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Li1/JP13-14 RB-1b Jet Pump Riser Brace Leaf to RPV Pad Weld	125384 BWRVIP-41	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Li1/JP13-14 RB-1c Jet Pump Riser Brace Leaf to RPV Pad Weld	125414 BWRVIP-41	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Li1/JP13-14 RB-1d Jet Pump Riser Brace Leaf to RPV Pad Weld	125543 BWRVIP-41	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Li1/JP13-14 RS-6 JP Riser Pipe to Restrainer Bracket Circumferential Weld, RS-6 is on JP13 side of riser	125048 BWRVIP-41	N/A	ES	EVT-1	40	NRI	3/25/2014	XI-BN-04

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Isa Number Exam Comments
Li1/JP13-14 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125318 BWRVIP-41	N/A N/A	SP	EVT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-21; Evaluated as acceptable under IR1638416
Li1/JP14 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP14 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP14 Aux Wedge Repair (SS) Shroud Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Li1/JP14 Aux Wedge Repair (VS) Vessel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A	RE	VT-3	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-20; Evaluated as acceptable under IR1638367
Li1/JP14 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125475 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP14 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125625 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP14 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP14 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
Li1/JP14 WD-1 Jet Pump Wedge Bearing Surface	126173 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP15 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP15 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	80	NRI	3/24/2014	XI-BN-04
Li1/JP15 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	80	NRI	3/24/2014	XI-BN-04

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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 Aux Wedge Repair (VS)		N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Vessel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A						
Li1/JP15 BB-1	125468	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP15 BB-2	125465	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP15 BB-3		N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP15 IN-4	125192	N/A	RE	EVT-1	50	NRI	3/25/2014	XI-BN-04
Jet Pump Inlet to Mixer Weld	BWRVIP-41	N/A						
Li1/JP15 SJC		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP15 WD-1	126176	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP15-16 RB-1a	125405	N/A	RE	EVT-1	70	NRI	3/24/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-1b	125387	N/A	RE	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-1c	125417	N/A	RE	EVT-1	70	NRI	3/24/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-1d	125363	N/A	RE	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-2a	125657	N/A	RE	EVT-1	45	NRI	3/24/2014	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-2b	125687	N/A	RE	EVT-1	70	NRI	3/24/2014	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						
Li1/JP15-16 RB-2c	125585	N/A	RE	EVT-1	50	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to Yoke Weld	BWRVIP-41	N/A						

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP15-16 RB-2d Jet Pump Riser Brace Leaf to Yoke Weld	125567	N/A	RE	EVT-1	45	NRI	3/24/2014	XI-BN-04
Li1/JP15-16 RBSP Jet Pump Nos. 15 and 16 Riser Brace Support Pad Welds to RPV (2 Weld Buildup Locations 263 and 278 Az)	603450	B-N-2	RE	EVT-1	70	NRI	3/25/2014	XI-BNN
Li1/JP15-16 RS-1 Jet Pump Riser Elbow to Thermal Sleeve Weld	125147	N/A	RE	EVT-1	85	NRI	3/25/2014	XI-BN-04
Li1/JP15-16 RS-2 Jet Pump Riser Elbow to Riser Pipe Weld	125171	N/A	RE	EVT-1	50	NRI	3/25/2014	XI-BN-04
Li1/JP15-16 RS-6 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-6 is on JP15 side of riser	125051	N/A	RE	EVT-1	40	NRI	3/25/2014	XI-BN-04
Li1/JP15-16 RS-7 JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-7 is on JP16 side of riser	125081	N/A	RE	EVT-1	40	NRI	3/25/2014	XI-BN-04
Li1/JP15-16 RS-8 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125291	N/A	RE	EVT-1	25	NRI	3/25/2014	XI-BN-04
Li1/JP15-16 RS-9 Jet Pump Riser Pipe to Riser Brace Circumferential Weld	125321	N/A	RE	EVT-1	40	NRI	3/24/2014	XI-BN-04
Li1/JP16 AS-1 (SS) Shroud Side Adjusting Screw Gap		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 AS-1 (VS) Vessel Side Adjusting Screw Gap		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP16 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds		N/A	RE	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under 1R1638396

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Isr Number Exam Comments
Li1/JP16 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125469 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125466 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 IN-4 Jet Pump Inlet to Mixer Weld	125195 BWRVIP-41	N/A N/A	RE	EVT-1	45	NRI	3/24/2014	XI-BN-04
Li1/JP16 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Li1/JP16 WD-1 Jet Pump Wedge Bearing Surface	126179 BWRVIP-41	N/A N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
Li1/JP17 AS-1 (SS) Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP17 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP17 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP17 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP17 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125462 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP17 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125458 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP17 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP17 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398

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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 WD-1 Jet Pump Wedge Bearing Surface	126182 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP18 AS-1 (VS) Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP18 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP18 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125463 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Li1/JP18 BB-2 Jet Pump Hold Down Beam Transition Arm Region	125459 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Li1/JP18 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Li1/JP18 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Li1/JP18 WD-1 Jet Pump Wedge Bearing Surface	126185 BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP18 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1.
Li1/JP18 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1.
Li1/JP19 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP19 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP19 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125603 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Li1/JP19 BB-2 Jet Pump Hold Down Beam Transition Arm Region	128318 BWRVIP-41	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04

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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 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Li1/JP19 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638368
Li1/JP19 SJC - Gap Jet Pump Slip Joint Clamp Gap Inspection	OPEX	N/A	SP	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP19 WD-1 Jet Pump Wedge Bearing Surface	126188 BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP19 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP19 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1
Li1/JP20 AS-2 (SS) Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP20 AS-2 (VS) Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Li1/JP20 BB-1 Jet Pump Hold Down Beam Bolt Hole Region	125604 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP20 BB-2 Jet Pump Hold Down Beam Transition Arm Region	128319 BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP20 BB-3 Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Li1/JP20 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Li1/JP20 WD-1 Jet Pump Wedge Bearing Surface	126191 BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP20 WD-2a Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1

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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 WD-2b Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04 Wedge Rod exam included in WD-1
LI1/P1A Core Spray "A" Loop NSB Thermal Sleeve to T-Box Weld 300 Az	606010 BWRVIP-18	N/A	RE	EVT-1	45	NRI	3/19/2014	XI-BN-8
LI1/P1B Core Spray "B" Loop NSA Thermal Sleeve to T-Box Weld 60 Az	606015 BWRVIP-18	N/A	RE	EVT-1	45	NRI	3/18/2014	XI-BN-8
LI1/P2A Core Spray "A" Loop Header T-Box Cover Plate Weld 300 Az	606020 BWRVIP-18	N/A	RE	EVT-1	100	NRI	3/19/2014	XI-BN-8
LI1/P2B Core Spray "B" Loop Header T-Box Cover Plate Weld 60 Az	606025 BWRVIP-18	N/A	RE	EVT-1	100	NRI	3/18/2014	XI-BN-8
LI1/P3aA Core Spray "A" Loop Header T-Box to Pipe Weld Right Side 300 Az	606030 BWRVIP-18	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
LI1/P3aB Core Spray "B" Loop Header T-Box to Pipe Weld Right Side 60 Az	606040 BWRVIP-18	N/A	RE	EVT-1	65	NRI	3/18/2014	XI-BN-8
LI1/P3bA Core Spray "A" Loop Header T-Box to Pipe Weld Left Side 300 Az	606035 BWRVIP-18	N/A	RE	UT EVT-1	100 65	RI NRI	3/25/2014 3/19/2014	XI-BN-8 Previous indication with no change identified. Ref. CNF-005. Evaluated as acceptable under IR1638744
LI1/P3bB Core Spray "B" Loop Header T-Box to Pipe Weld Left Side 60 Az	606045 BWRVIP-18	N/A	RE	EVT-1	65	NRI	3/18/2014	XI-BN-8
LI1/P4cA Core Spray "A" Loop "A" Downcomer Pipe to Elbow Weld 352.5 Az (Shroud Elevation)	606090 BWRVIP-18	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8 Two-sided UT performed
LI1/P4cB Core Spray "B" Loop "B" Downcomer Pipe to Elbow Weld 7.5 Az (Shroud Elevation)	606095 BWRVIP-18	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8 Two-sided UT performed

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/P4cC Core Spray "A" Loop "C" Downcomer Pipe to Elbow Weld 187.5 Az (Shroud Elevation)	606100 BWRVIP-18	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8 Two-sided UT performed
Li1/P4cD Core Spray "B" Loop "D" Downcomer Pipe to Elbow Weld 172.5 Az (Shroud Elevation)	606105 BWRVIP-18	N/A N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8 Two-sided UT performed
Li1/P4dB Core Spray "B" Loop "B" Downcomer Elbow to Shroud Pipe Weld 7.5 Az	606115 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P5A Core Spray "A" Loop "A" Downcomer Pipe to Sliding Sleeve Field Weld 352.5 Az	606130 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P5B Core Spray "B" Loop "B" Downcomer Pipe to Sliding Sleeve Field Weld 7.5 Az	606135 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P5C Core Spray "A" Loop "C" Downcomer Pipe to Sliding Sleeve Field Weld 187.5 Az	606140 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Li1/P5D Core Spray "B" Loop "D" Downcomer Pipe to Sliding Sleeve Field Weld 172.5 Az	606145 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P6A Core Spray "A" Loop "A" Sliding Sleeve to Outer Sleeve Field Weld 352.5 Az	606150 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Li1/P6B Core Spray "B" Loop "B" Sliding Sleeve to Outer Sleeve Field Weld 7.5 Az	606155 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P6C Core Spray "A" Loop "C" Sliding Sleeve to Outer Sleeve Field Weld 187.5 Az	606160 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/21/2014	XI-BN-8
Li1/P6D Core Spray "B" Loop "D" Sliding Sleeve to Outer Sleeve Field Weld 172.5 Az	606165 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Li1/P7A Core Spray "A" Loop "A" Outer Sleeve to Pipe Shop Weld 352.5 Az	606170 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
LI1/P7B Core Spray "B" Loop "B" Outer Sleeve to Pipe Shop Weld 7.5 Az	606175 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
LI1/P7C Core Spray "A" Loop "C" Outer Sleeve to Pipe Shop Weld 187.5 Az	606180 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/22/2014	XI-BN-8
LI1/P7D Core Spray "B" Loop "D" Outer Sleeve to Pipe Shop Weld 172.5 Az	606185 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
LI1/P8aA Core Spray "A" Loop "A" Shroud Pipe to Collar Weld 352.5 Az	606190 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
LI1/P8aB Core Spray "B" Loop "B" Shroud Pipe to Collar Weld 7.5 Az	606195 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
LI1/P8aC Core Spray "A" Loop "C" Shroud Pipe to Collar Weld 187.5 Az	606200 BWRVIP-18	N/A N/A	RE	EVT-1	65	RI	3/22/2014	XI-BN-8 INR LI1R15 IVVI-14-15; Evaluated as acceptable under IR1637203
LI1/P8aD Core Spray "B" Loop "D" Shroud Pipe to Collar Weld 172.5 Az	606205 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
LI1/P8bA Core Spray "A" Loop "A" Collar to Shroud Weld 352.5 Az	606210 BWRVIP-18	N/A N/A	RE	EVT-1	65	NRI	3/20/2014	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	3/19/2014	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	3/22/2014	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	65	NRI	3/20/2014	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	RE	EVT-1	100	RI	3/20/2014	XI-BN-8 INR LI1R15 IVVI-14-08; Evaluated as acceptable under IR1636447

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Isa Number Exam Comments
Li1/PB8 Core Spray "A" Loop "A and C" Header Pipe Bracket 345 Az	606285	N/A	RE	EVT-1	100	NRI	3/20/2014	XI-BN-8
Li1/S1C "C" Sparger T-Box Cover Plate Weld (187.5 Az)	606300	N/A	RE	EVT-1	100	NRI	3/21/2014	XI-BN-8
Li1/S1D "D" Sparger T-Box Cover Plate Weld (172.5 Az)	606305	N/A	RE	EVT-1	75	NRI	3/20/2014	XI-BN-8
Li1/S2aC "C" Sparger T-Box to Pipe Weld (Right Side) (187.5 Az)	606330	N/A	RE	EVT-1	50	NRI	3/21/2014	XI-BN-8
Li1/S2aD "D" Sparger T-Box to Pipe Weld (Right Side) (172.5 Az)	606340	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S2bC "C" Sparger T-Box to Pipe Weld (Left Side) (187.5 Az)	606335	N/A	RE	EVT-1	50	NRI	3/21/2014	XI-BN-8
Li1/S2bD "D" Sparger T-Box to Pipe Weld (Left Side) (172.5 Az)	606345	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S3aXXC "C" Sparger Pipe to Nozzle Weld, Typical of 65 Nozzles (XX) (93 - 267 Az)	606360	N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8 INR Li1R15 IVVI-14-11; Evaluated as acceptable under IR1636448
Li1/S3aXXD "D" Sparger Pipe to Nozzle Weld, Typical of 65 Nozzles (XX) (93 - 267 Az)	606365	N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S3bXXC "C" Sparger Nozzle to Orifice Weld, Typical of 65 Orifices (XX) (93 - 267 Az)	606380	N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8 INR Li1R15 IVVI-14-11; Evaluated as acceptable under IR1636448
Li1/S3bXXD "D" Sparger Nozzle to Orifice Weld, Typical of 65 Orifices (XX) (93 - 267 Az)	606385	N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S3c4D "D" Sparger to Drain Pipe Weld (Left Side) (95 Az)	606405	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-8
Li1/S3c62D "D" Sparger to Drain Pipe Weld (Right Side) (263 Az)	606400	N/A	RE	VT-1	50	NRI	3/21/2014	XI-BN-8

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/S3d4D "D" Sparger Drain Stitch Welds (Left Side), 2 Welds 180 Deg Apt. (95 Az)	606445 BWRVIP-18	N/A N/A	RE	VT-1	50	NRI	3/19/2014	XI-BN-8
Li1/S3d62D "D" Sparger Drain Stitch Welds (Right Side), 2 Welds 180 Deg Apt. (263 Az)	606440 BWRVIP-18	N/A N/A	RE	VT-1	50	NRI	3/21/2014	XI-BN-8
Li1/S3dXXC "C" Sparger Nozzle Stitch Welds, 2 Welds 180 Deg Apt. Mult Pics Ea Noz. (93 - 267 Az)	606420 BWRVIP-18	N/A N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8 INR Li1R15 IVVI-14-11; Evaluated as acceptable under IR1636448
Li1/S3dXXD "D" Sparger Nozzle Stitch Welds, 2 Welds 180 Deg Apt. Mult Pics Ea Noz. (93 - 267 Az)	606425 BWRVIP-18	N/A N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S4aC "C" Sparger Pipe to End Cap Weld (Right Side) (267 Az)	606460 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S4aD "D" Sparger Pipe to End Cap Weld (Right Side) (267 Az)	606465 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
Li1/S4bC "C" Sparger Pipe to End Cap Weld (Left Side) (93 Az)	606460 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	3/19/2014	XI-BN-8
Li1/S4bD "D" Sparger Pipe to End Cap Weld (Left Side) (93 Az)	606465 BWRVIP-18	N/A N/A	RE	EVT-1	50	NRI	3/19/2014	XI-BN-8
Li1/SB04 "C and D" Sparger Bracket and Shroud Attachment Welds (96 Az)	606505 BWRVIP-18	N/A N/A	RE	VT-1	70	NRI	3/19/2014	XI-BN-8
Li1/SB05 "C and D" Sparger Bracket and Shroud Attachment Welds (136 Az)	606510 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	3/20/2014	XI-BN-8
Li1/SB06 "C and D" Sparger Bracket and Shroud Attachment Welds (172.5 Az)	606515 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	3/20/2014	XI-BN-8

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SB07 "C and D" Sparger Bracket and Shroud Attachment Welds (187.5 Az)	606520 BWRVIP-18	N/A N/A	RE	VT-1	90	NRI	3/21/2014	XI-BN-8
Li1/SB08 "C and D" Sparger Bracket and Shroud Attachment Welds (224 Az)	606525 BWRVIP-18	N/A N/A	RE	VT-1	90	RI	3/20/2014	XI-BN-8 INR Li1R15 IVVI-14-12: Evaluated as acceptable under IR1636911
Li1/SB09 "C and D" Sparger Bracket and Shroud Attachment Welds (264 Az)	606530 BWRVIP-18	N/A N/A	RE	VT-1	80	NRI	3/21/2014	XI-BN-8
Li1/SD Steam Dryer Assembly Welds, Surfaces & Lugs	604960 N/A	N/A N/A	RE	VT-3-89	100	NRI	3/22/2014	XI-BN-01
Li1/SDBH2a Steam Dryer Bottom Horizontal weld on edge of Hood No. 2 (0 deg side)		N/A N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDBH2b Steam Dryer Bottom Horizontal weld on edge of Hood No. 2 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDBH5a Steam Dryer Bottom Horizontal weld on edge of Hood No. 5 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/17/2014	XI-BN-01
Li1/SDBH5b Steam Dryer Bottom Horizontal weld on edge of Hood No. 5 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/17/2014	XI-BN-01
Li1/SDCN Steam Dryer Cam Nuts (48 locations)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	RI	3/17/2014	XI-BN-01 INR Li1R15 IVVI-14-02: Evaluated as acceptable under IR1635145
Li1/SDEB2a Steam Dryer End Bank vertical weld on curved side of Hood No. 2 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDEB2b Steam Dryer End Bank vertical weld on perforated side of Hood No. 2 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDEB2c Steam Dryer End Bank vertical weld on curved side of Hood No. 2 (180 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/SDEB2d Steam Dryer End Bank vertical weld on perforated side of Hood No. 2 (180 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDEB4a Steam Dryer End Bank vertical weld on curved side of Hood No. 4 (0 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDEB4b Steam Dryer End Bank vertical weld on perforated side of Hood No. 4 (0 deg. side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDEB4c Steam Dryer End Bank vertical weld on curved side of Hood No. 4 (180 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDEB4d Steam Dryer End Bank vertical weld on perforated side of Hood No. 4 (180 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDGB 000 Az Steam Dryer Guide Bracket 000 Degree Azimuth	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Li1/SDHS4d Steam Dryer Hood Seam Weld 4d	BWRVIP-139	N/A	SP	VT-1-89	100	RI	3/18/2014	XI-BN-01 INR Li1R15 IVVI-14-05; Evaluated as acceptable under IR1635817
Li1/SDLR 041.5 Az Steam Dryer Lifting Rod 41.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDLR 138.5 Az Steam Dryer Lifting Rod 138.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDLR 221.5 Az Steam Dryer Lifting Rod 221.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDLR 318.5 Az Steam Dryer Lifting Rod 318.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	RI	3/18/2014	XI-BN-01 INR Li1R15 IVVI-14-05; Evaluate as acceptable under IR1635814
Li1/SDLRDTW Steam Dryer Lifting Rod D (318.5 deg) tack welds	BWRVIP-139	N/A	RE	VT-1-89	100	RI	3/18/2014	XI-BN-01 INR Li1R15 IVVI-14-05; Evaluate as acceptable under IR1635814

Section 1: Limerick 1R15 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/SDPP5a Steam Dryer Plenum Partition on Hood No. 5 (0 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDPP5b Steam Dryer Plenum Partition on Hood No. 5 (180 deg side)	BWRVIP-139	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDSB 004 Az Steam Dryer Support Bracket Attachment Weld to RPV	604970 BWRVIP-48	B-N-2 B13.30	SP	VT-3	100	RI	3/19/2014	XI-BNN Inspected top surface only; INR Li1R15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSB 094 Az Steam Dryer Support Bracket Attachment Weld to RPV	604980 BWRVIP-48	B-N-2 B13.30	SP	VT-3	100	RI	3/19/2014	XI-BNN Inspected top surface only; INR Li1R15 IVVI-14-10 and Li1R15 IVVI-14-14; Evaluated as acceptable under IR1636913 and IR1637212
Li1/SDSB 184 Az Steam Dryer Support Bracket Attachment Weld to RPV	604990 BWRVIP-48	B-N-2 B13.30	SP	VT-3	100	RI	3/20/2014	XI-BNN Inspected top surface only; INR Li1R15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSB 274 Az Steam Dryer Support Bracket Attachment Weld to RPV	605000 BWRVIP-48	B-N-2 B13.30	RE	EVT-1 VT-3	100 100	NRI RI	3/20/2014 3/20/2014	XI-BNN Inspected top surface and vessel attachment weld; INR Li1R15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSR Steam Dryer Support Ring	604965 BWRVIP-139	N/A N/A	RE	VT-1-89	100	RI	3/22/2014	XI-BN-01 INR Li1R15 IVVI-14-13; Evaluated as acceptable under IR1637209
Li1/SDSR Seismic Block 094 Az Steam Dryer Support Ring Seismic Block at 094 Az	N/A BWRVIP-139	N/A N/A	SP	VT-1-89	100	RI	3/21/2014	XI-BN-01 INR Li1R15 IVVI-14-14; Evaluated as acceptable under IR1637212
Li1/SH/SS Shroud Head/ Steam Separator Assembly, Shroud Head Bolts, Lugs, Brackets, Welds and Surfaces	605050 N/A	N/A N/A	RE	VT-3-89 VT-1-89	100 100	RI RI	3/25/2014 3/22/2014	XI-BN-02 INR Li1R15 IVVI-14-17, Li1R15 IVVI-14-18, and Li1R15 IVVI-14- 19; Evaluated as acceptable under IR1640007
Li1/SSLR 059.5 Az Steam Separator Lifting Rod 59.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	RI	3/22/2014	XI-BN-02 INR Li1R15 IVVI-14-16; Evaluated as acceptable under IR1640007
Li1/SSLR 142.5 Az Steam Separator Lifting Rod 142.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02

Section 1: Limerick 1R15 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/SSLR 239.5 Az Steam Separator Lifting Rod 239.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02
Li1/SSLR 322.5 Az Steam Separator Lifting Rod 322.5 Degree Azimuth	N/A	N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02

Section 2: Summary of Conditions Observed

As a result of the examinations performed during the Limerick Generating Station Unit 1, Refuel Outage 15, there were no new indications requiring flaw evaluations that are reportable to the NRC per ASME Section XI requirements. 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.

Flaws Accepted For Continued Operation (Code Case N-513-X)		
Component	Reference (AR #)	Description and Resolution
20" HBC-183	1582725	Pencil thin stream (1.5 gpm) RHRSW through wall leak on 20" HBC-183 piping upstream of HV-051-1F014B.
Identified Conditions		
Component	Reference (CNF #, AR #)	Description and Resolution
GBB-108-H006	CNF-001, 1636880	Hanger drawing GBB-108-H006 shows the support centered on the pipe tee. It was observed in the field that the support is offset from the pipe tee. This issue was evaluated by engineering and determined to be acceptable in the as found configuration.
DBA-106-X-11	CNF-002, 1637184	During examination of the noted penetration/anchor, it was observed that the grouting and/or caulking was separated from the penetration to containment wall joint. This issue was evaluated by engineering and determined not to be a structural concern.
HBC-084-H004	CNF-003, 1638824	The bolting assembly on the lower west side of the rigid hanger was observed to be loose to the point it could be hand spun in place. This issue was evaluated by engineering and it was determined that the loose bolting assembly did not prevent the hanger from performing its function during service.
EBB-129-H045	CNF-004, 1638828	Spring can EBB-129-H045 was missing the load indicator plate. Based on the measurements taken in the field, a computation was performed and it was determined that the spring can cold load setting was acceptable.
P3BA	CNF-005, 1638744	An indication was recorded in the CS header t-box to piping weld (P3BA) during ultrasonic examination in 1R15. This indication was identified previously and the indication has not grown since its last inspection.
VRR-1RD-1A N2H	CNF-006, 1641074	VRR-1RD-1A N2H has previously detected unacceptable indications which was evaluated and acceptable in accordance with IWB-3600. This issue was generated to provide a comparison of the 1R15 data with previous data obtained during ISI.
In-Vessel Visual Inspections (IVVI)		
Component	Reference (INR #, AR #)	Description and Resolution
Jet Pump Wedge and Rod Exams	14-01, 1638361	Visual exams performed on jet pump wedge assemblies and wedge rod top and bottom contact areas identified new wedge wear. Wear was evaluated by engineering and determined to have no significant effect on the function of the wedge assemblies.
Steam Dryer Cam Nut Exams	14-02, 1635145	Visual exams were performed on steam dryer cam nuts, 19 of 48 nuts had previously identified indications with no change noted. One new small indication was observed on the washer of cam nut #18. This condition was evaluated by engineering and it was determined the cam nuts and washers were acceptable as-is.
Jet Pump Set Screw Gap Exams	14-03, 1638365	Visual exams were performed on all jet pump vessel side and shroud side set screws. Results were compared to previous outage information. None of the gaps exceeded the acceptance criteria with the exception of JP 5, 6, and 11. The main wedge was tapped down on JP 5, 6, and 11 and the set screw gaps were reduced to acceptable values.

Jet Pump Set Screw Tack Weld Exams	14-04, 1638396	Visual exams were performed on all jet pump shroud side and vessel side set screw tack welds. Results were compared to previous outage information; new indications were identified on JP 1, 13, 16 and 17. These indications were evaluated by engineering and it was determined that all tack welds were acceptable for another cycle of operation.
Steam Dryer Hood Seam Weld Exam	14-05, 1635817	Visual exams were performed on the steam dryer hood seam weld. A previously identified linear indication was inspected and found to have no change since the last inspection. The condition was evaluated by engineering and determined acceptable.
Steam Dryer Lifting Rod Inspection	14-06, 1635814	Visual exams were performed on the steam dryer lifting rod tack welds. A previously identified indication was inspected and determined to have no change since the last inspection. The condition was evaluated by engineering and determined acceptable.
Feedwater Sparger End Bracket Exam	14-07, 1637201	Visual exams were performed on the feedwater sparger end bracket. This exam was to note any changes in the pin nut locations and any wear observed at the pin to bracket location. No significant change was identified.
Core Spray Piping Bracket Exam	14-08, 1636447	Visual exams were performed on the core spray piping bracket PB-07. Linear indications on two tack welds identified during previous outages were inspected again and found with no change. Engineering evaluated the condition and determined acceptable for continued operation.
Jet Pump Slip Joint Clamp Exam	14-09, 1638398	Visual exams were performed on the jet pump slip joint clamps. No significant changes were identified in the wear areas based on a review of previous inspection information. The condition was evaluated by engineering and determined acceptable for continued service.
Steam Dryer Support Bracket Wear	14-10, 1636913	Visual exams were performed on the four steam dryer support brackets on the RPV wall. Inspection results show that wear conditions are continuing between the top of the steam dryer support brackets and the mating areas of the steam dryer seismic supports. This condition was evaluated by engineering and determined not to create any significant structural impact or loose parts concerns during the next cycle.
Core Spray Sparger Nozzle Exam	14-11, 1636448	Visual exams were performed on the core spray sparger nozzle 54C, previously noted damage was re-inspected. No change was observed from the condition found in the previous inspection and the condition was determined acceptable for continued operation.
Core Spray Sparger Bracket Inspection	14-12, 1636911	Visual exams of the core spray sparger support brackets identified the bracket at azimuth 224 was bent. This condition was identified during previous exams and determined to have no change. The condition was evaluated by engineering and determined acceptable for continued operation.
Steam Dryer Upper Support Ring Exam	14-13, 1637209	Visual exams of the steam dryer support ring were performed to identify any change in the condition of indications identified during previous exams. The 1R15 outage results show no apparent change in these indications and identified no new indications. The condition was evaluated by engineering and determined acceptable for continued operation.
Steam Dryer Seismic Block Exam	14-14, 1637212	Visual exams of the 94 degree steam dryer seismic block were performed to identify any change in condition of indications identified during previous exams. The 1R15 outage results show that the wear pattern has changed and a new area of wear was noted. This condition was evaluated by engineering and determined acceptable for another cycle of operation.
Core Spray Piping Weld P8AC Exam	14-15, 1637203	Visual exams were performed on the core spray piping weld P8AC to identify any change in condition of indications identified during previous exams. No apparent change in these indications has occurred since they were first identified during 1R11. This condition was evaluated by engineering and determined acceptable.

Steam Separator Exam Indication on Lug Assembly 059° Location.	14-16, 1640007	Visual re-inspection of steam separator lug assembly at 59 degrees was performed based on recommendation from previous exam. No changes in the condition have occurred since previous inspection. The condition of the steam separator was evaluated by engineering and determined acceptable for continued operation.
Steam Separator Exam Indications on Mid Support Ring Gussets	14-17, 1640007	Visual re-inspection of steam separator mid-support ring gussets was performed based on recommendation from previous exam. No changes in the condition have occurred since previous inspection with the exception of one new indication on MSRG 06 and two new indications on MSRG 23. The condition of the steam separator was evaluated by engineering and determined acceptable for continued operation.
Steam Separator Exam Indications on Upper Support Ring Gussets	14-18, 1640007	Visual re-inspection of steam separator upper support ring gussets was performed based on recommendation from previous exam. No changes in the condition have occurred since previous inspection. The condition of the steam separator was evaluated by engineering and determined acceptable for continued operation.
Steam Separator Exam Indications on Outer Standpipe Tie Straps	14-19, 1640007	Visual re-inspection of steam separator outer stand pipe tie strap was performed based on recommendation from previous exam. No changes in the condition have occurred since previous inspection. The condition of the steam separator was evaluated by engineering and determined acceptable for continued operation.
Jet Pump 14 Aux Wedge Exam	14-20, 1638367	Visual exams on the jet pump 14 vessel side aux wedge repair were performed. New minor wear was observed in the bottom side restrainer bracket to aux wedge contact area. This condition was evaluated by engineering and determined to be acceptable.
Jet Pump 13-14 Riser Pipe to Riser Brace Weld Exam	14-21, 1638416	Visual exams were performed on the jet pump 13-14 riser pipe to riser brace weld (RS-9) to identify any change in condition of indications identified during previous exams. No apparent changes in this indication have occurred since the last inspection. This condition was evaluated by engineering and it was determined that the jet pump weld is acceptable for another operating cycle.

Snubbers:

Functional testing of snubbers was performed during 1R15 in accordance with Limerick Unit 1 Technical Specifications 4.7.4.e and Surveillance Test ST-1-103-300-1 (per Relief Request I3R-05). The sample selection included the following:

- 37 PSA mechanical snubbers were functionally tested as part of the initial 37 test plan
 - o One mechanical snubber from the initial 37 test plan failed its functional test (VRR-1RD-H018), which required a scope expansion of 19 mechanical snubbers (contingency plan #1). Reference IR 1639451.
 - o One mechanical snubber from contingency plan #1 failed its functional test (ECB-111-H022), which required a scope expansion of an additional 18 mechanical snubbers (contingency plan #2). Reference IR 1640174.
 - o One mechanical snubber from contingency plan #2 failed its functional test (HBB-119-H006), which required a scope expansion of an additional 19 mechanical snubbers (contingency plan #3). Reference IR 1641813.
 - o One additional mechanical snubber from contingency plan #1 failed its functional test (GBC-101-H194), which required a scope expansion of an additional 18 mechanical snubbers (contingency plan #4). Reference IR 1641949.
 - o Total scope expansion resulted in a total of 111 mechanical snubbers tested with 4 failures, which provided Technical Specification compliance.
- 26 Liseqa hydraulic snubbers were functionally tested as part of the 13.3% test plan
- 1 PSB compensating strut was functional tested as part of the 13.3% test plan

The following activities were also performed on snubbers during 1R15:

- 38 mechanical snubbers were regreased per PM program.
- 24 Liseqa hydraulic snubbers were replaced per PM program.
- 2 snubbers were retested as a result of functional test failures in 1R14:
 - o Liseqa hydraulic snubber DCA-151-J01-H007 passed its retest. Reference IR 1339475.
 - o Mechanical snubber DCA-318-H002 passed its retest. Reference IR 1339478.

- 9 mechanical snubbers were tested and replaced under the service life monitoring program
- 1 Lisega hydraulic snubber was tested and replaced under the service life monitoring program
- Visual inspections were performed on 1247 snubbers.

Shroud Evaluation:

The Limerick Unit 1 shroud was re-evaluated utilizing ultrasonic data from 1R14 to extend the inspection interval for two vertical and two horizontal welds. This evaluation was processed into EDMS records management system via ECR LG 13-00212. The new inspection schedule for the subject Unit 1 welds is provided in the table below. The inspection schedule for all shroud welds is contained in ER-LG-331.

Weld	Re-Inspection or Re-evaluation Required	Weld	Re-Inspection or Re-evaluation Required
H1	1R19	V17	1R19
H4	1R19	V18	1R19

Limerick Suppression Pool:

DOCUMENT NO.: IR# 1639203-02

TITLE: Evaluation of 1R15 Suppression Pool As-Found Condition

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 1 (existing process reviews), based on a "Medium" Consequence Risk Factor and a "Low" probability of error.

REASON FOR EVALUATION / SCOPE

During 1R15, desludging of the entire suppression pool and a limited inspection of the suppression pool liner was performed as part of the coating maintenance plan required by License Renewal Commitment T04743. Core Spray strainers 1B1-F214 and 1D1-F214 were designated for removal from their respective penetrations to support inspection and recoating activities. The intent of the strainer removal was twofold:

- 1 Inspect the previously inaccessible wall/floor areas behind/beneath each strainer;
- 2 Perform coating repairs (spot or large-area) prior to reinstallation of the strainer.

However, Core Spray strainer 1B1-F214 was not removed due to interference between the outer wall and the lifting device. Therefore, the only previously inaccessible areas inspected were the wall/floor panel areas immediately behind/beneath Core Spray strainer 1D1-F214. Examinations were performed to determine general plate condition in the previously inaccessible area and identify any areas requiring recoating repair. The fact that only one strainer was removed and inspected is acceptable due to the fact that the strainer can be rescheduled for a future outage and the licensing commitment that all indications greater than 50 mils are recoated prior to the period of extended operation can still be met.

This evaluation is being performed to document the as-found condition of the inaccessible areas behind Core Spray strainer 1D1-F214, provide a comparison of data gathered during 1R15 with the results of the inspection performed in 1R14, document that the areas with metal loss >50 mils identified but not recoated during 1R14 were recoated in 1R15, and to identify future actions required for corrosion identified in other inaccessible areas.

DETAILED EVALUATION

During the previous refueling outage (1R14), visual examinations of the suppression pool liner surfaces were performed in accordance with the requirements of ASME Section XI, Subsection IWE for the In-Service Inspection of Class MC and Class CC Pressure Retaining Components. As such, areas that could not be viewed at an angle greater than 30-degree from the plane of the component being inspected (e.g., behind

and/or around the ECCS strainers) were documented as "Inaccessible Areas". Therefore, no condition assessment was documented on the examination records since adequate visual access for a qualified VT inspection could not be achieved. Procedure ER-AA-330-007 (Reference 2) was used to evaluate the condition of the "Inaccessible Areas". The procedure requires an evaluation in accordance with 10CFR50.55a(b)(2)(ix)(A) 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.

Refer to IR# 1364843-04 for complete evaluation details. One of the corrective actions resulting from the evaluation following 1R14 was to remove two suction strainers to perform inspections of the inaccessible area and recoat as required during future refueling outages.

Additionally, there were four areas identified during 1R14 that experienced metal loss in excess of 45 mils that were not recoated. These areas of corrosion were on 1-FP-05C, 1-FP-07C, 1-FP-07D, and 1-FP-10D. These areas were reinspected and recoated as required during 1R15.

Design Attributes

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's 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 applied to 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-335-014-2003, 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.

At the time of construction, the thickness of the plates was a minimum of 250 mils. During 1R14 (2012) thickness measurements were obtained for 27 plates; this is documented in 1R14 Limerick 1 Suppression Pool Inspection Records (Reference 10). Each plate had 4 UT measurements and these readings were averaged to obtain the thickness of the plate. The thicknesses of the Unit 1 plates were between 277 mils and 256 mils.

The metal loss values given for the acceptance criteria assume the plates have an initial thickness of 250 mils; since the plates are thicker, the allowable metal loss would be increased by the amount of metal over 250 mils.

Description of Degradation

Corrosion identified in the Limerick Unit 1 suppression pool is general area 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.
- **Localized General Corrosion (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.
- **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, 2004, and 2012 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 with a maximum corrosion rate of 3.8 mils/year (Reference 10).

During the 1R14 inspection, the inspectors identified degradation in the inaccessible areas behind several obstructions. 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). Below is an excerpt from the 1R14 evaluation which identified the type of corrosion identified, a description of the corrosion adjacent to the inaccessible areas, and the area of the plates for the area behind the 1D Core Spray Suction Strainer. This information was obtained from the 1R14 Limerick 1 Suppression Pool Inspection Records (Reference 10) and Limerick drawing C-0281 (Reference 11).

Behind 1D Core Spray Suction Strainer (1D1-F214) (1R14 Results)

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")
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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: <ul style="list-style-type: none"> • 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.

One of the corrective actions resulting from the evaluation following 1R14 was to remove the suction strainers to perform inspections and recoat as required during future refueling outages. During 1R15 Core Spray strainer 1D1-F214 was removed, and the area behind/beneath the strainer was made accessible for visual inspection. The inspection results below are taken from the 1R15 Limerick 1 Suppression Pool Inspection Records (Reference 12).

Affected Plate:	1R15 Exam Results
Wall plate 1-WP-01B-1	random spot corrosion was identified with a metal loss of <30 mils
Wall plate 1-WP-02B-1	random spot corrosion was identified with a metal loss of <40 mils
Wall plate 1-WP-02A-1	random spot corrosion was identified with a metal loss of <40 mils
Wall plate 1-WP-02A-1	isolated spot corrosion was identified at 18 locations with a maximum metal loss of 52 mils
Floor plate 1-FP-02A-1	random spot corrosion was identified with a metal loss of <45 mils
Floor plate 1-FP-03A-1	random spot corrosion was identified with a metal loss of <40 mils

Specification NE-101 identifies the acceptance criteria for general corrosion and spot corrosion. For spot corrosion, any indications that are greater than 50 mils in depth shall be recoated. All indications on wall plate 1-WP-02A-1 that exceeded this criterion were recoated. The remaining areas of spot corrosion were not required to be recoated during 1R15.

The minimum remaining thickness for the suppression pool liner required to meet structural integrity for spot corrosion is 62.5 mils, which equates to an indication depth of 187.5 mils for the 250 mil (1/4 inch) thick liner. All indications identified above in the areas behind the core spray suction strainer have a significant margin available to the structural integrity limits, and therefore, are not a challenge to the function of the liner.

Corrective Actions

Following the 1R14 refueling outage, two corrective actions to monitor and correct corrosion in the inaccessible areas of the suppression pool were pursued:

Action 1 - Develop a method to perform remote inspections of the inaccessible areas.

This action was to develop a method to perform remote inspections of the inaccessible areas around the ECCS suction strainers. A method was also to be developed and qualified to apply coating in the inaccessible areas, in order to repair the coating and arrest any further degradation that is identified (IR 1364843-10). By 1R15, a method of remote inspection and repair of the coating has not been developed. Although a remote inspection technique is theoretically possible, there is no method to perform prep work or recoating of the areas behind the suction strainers that might be found to need coating repair. Therefore, it was decided to pursue Action 2, to remove suction strainers, perform inspections of the inaccessible areas, and recoat areas behind the strainers while they are removed.

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 be 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.

Even though during 1R15 an indication was identified in the inaccessible area behind 1D1-F214 that exceeded 50 mils (e.g. 52 mils), there was substantial margin to the structural integrity limit of 187.5 mils and therefore, scope expansion to other strainers during the same outage was not warranted. However, due to the fact that the degradation in the inaccessible was worse than the accessible area immediately around the strainer, the ECCS strainers must continue to be removed to allow access for inspection and recoating of the areas behind the strainers to ensure that the License Renewal commitment of no indications greater than 50 mils is not exceeded.

1R15 Inspection Results and Evaluation:

The spot corrosion and general corrosion observed in the areas behind Core Spray strainer 1D1-F214 are comparable in magnitude and severity to the corrosion that has been observed throughout the Unit 1 Suppression Pool. A review of the accessible areas adjacent to the inaccessible areas (wall plate 1-WP-02A-1 and 1-WP-02B-1; and floor plate 1-FP-02A-1 and 1-FP-03A-1) identified general corrosion with a maximum metal loss of 15 mils for the wall plates and 25 mils for the floor plates. Inspection of the previously inaccessible areas behind 1D1-F214 revealed general corrosion with a maximum metal loss of 40 mils for the wall plates and 45 mils for the floor plates. The general corrosion rate of the submerged portion of the suppression pool liner is being trended and is between 1 to 2 mils per year based on data collected during several ASME Section XI, IWE inspections performed since 1996 (Reference 10). This is in line with the corrosion rate of 1.8 mils per year determined by an engineering analysis for uncoated carbon steel components in the suppression pool for the LGS specific suppression pool water chemistry and operating temperature (Reference 8). If the maximum corrosion rate for spot corrosion (3.8 mils/year) is assumed for the general corrosion, the metal loss will be 52.6 mils (45 mils + 2 years x 3.8 mils/year) by the start of 1R16. This is still well below the metal repair criteria of 125 mils.

There are areas of spot corrosion that experienced more metal loss. The most significant metal loss was on wall plate 1-WP-02A-1; this plate experienced an area of spot corrosion with a metal loss of 52 mils. This area was spot recoated during 1R15. There are other plates in the Unit 1 suppression pool that have experienced more metal loss than the areas identified behind Core Spray strainer 1D1-F214. The most significant metal loss measured to date is on plate 1-FP-01B-1. This plate experienced an area of spot corrosion with metal loss of 122 mils. This area of spot corrosion was discovered and spot recoated during refueling outage 1R11. If an area of spot corrosion with metal loss of 122 mils were to exist in any of the other inaccessible areas and if the maximum metal loss rate recorded in the evaluation grids (3.8 mils/year (Reference 10)) is used, the depth would increase to 129.6 mils by 1R16. During 1R16, an ASME Section XI, Subsection IWE exam will be performed. This worst case predicted pit depth is still below the metal loss that would require metal repair of 187.5 mils.

Floor plates 1-FP-05C, 1-FP-07C, 1-FP-07D, and 1-FP-10D were inspected during 1R14 and identified metal loss in excess of 45 mils. Despite exceeding the criteria for coating repair, these plates were not recoated during 1R14. These plates were reinspected and recoated via spot recoating or large area recoating during 1R15. Repair of these indications leaves no previously identified indications in excess of the 50 mil recoating criteria uncoated in the unit 1 suppression pool and allows for at least one cycle of margin to a coating repair (45 mils + 2 years x 2 mils/year).

CONCLUSIONS / FINDINGS

With the low corrosion rate and current measured liner plate thickness data, continued operation with the corrosion in the inaccessible areas is acceptable. During the next refueling outage (1R16), the corrective action identified will continue to be implemented to inspect and recoat the inaccessible areas of the Limerick Unit 1 suppression pool. IR 1675018 was generated to have two additional suction strainers removed in 1R16 for inspection and recoating.

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 9
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-335-014-2003, VT-1 Visual Examination in Accordance with ASME 2001 Edition, 2003 Addenda, Revision 0
6. ER-AA-335-018, Visual Examination of ASME IWE Class MC And Metallic Liners of IWL Class CC Components, Revision 9
7. Limerick Specification NE-101, Coating And Liner Inspection/Coating Repair of Suppression Chambers, Revision 7
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
12. 1R15 Limerick 1 Suppression Pool Inspection Records, Examination Records Transmittal Date April 22, 2014

ATTACHMENTS:

None

PREPARER: Mark Weis

Date: 6/30/2014

INDEPENDENT REVIEWER: Michelle Karasek

Date: 6/30/2014

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 1R15. Minor comments were made and have been incorporated.

APPROVER: Al DiGiovanni for Mark DiRado

Date: 6/30/2014

Section 3: Summary of ASME Section XI Repairs and Replacements

SYSTEM 011

EMERGENCY SERVICE WATER

C0242678	0B-P548 Replaced ESW pump bowl and column assembly
C0235899	0D-P548 Replace ESW pump bowl & column assembly, replaced pump stuffing box and bolting
R1103501	011-0032A Replaced 6" ESW check valve disc
C0249332 & C0248846	011-0466 Installed 2" HBC-083 Hot tap drain
C0249333 & C0248846	011-0467 Installed 2" HBC-083 Hot tap drain
C0245199 & C0245147	011-0468 Installed 2" HBC-083 Hot tap drain
C0249334 & C0248846	011-0469 Installed 2" HBC-083 Hot tap drain
C0230915	011-1009 & 1012 Replaced 8" check valves and adjacent pipe
C0232314	011-1023A Replace 3" ESW Globe valve and adjacent piping
C0237782	011-1024 Replace 3" ESW Globe valve and adjacent piping
C0239002	011-1087 Replace 3" Velan gate valve with ball valve and replaced adjacent piping
C0244046	1C-V211 / 1G-V211 Replaced HBC-141 ESW supply piping to core spray coolers
C0244046	1C-V211 / 1G-V211 Replaced HBC-150 ESW return piping from core spray coolers
C0244060	1D-V211 / 1H-V211 Replace HBC-141 ESW supply piping to core spray coolers
C0244060	1D-V211 / 1H-V211 Replace HBC-150 ESW return piping from core spray coolers
C0248837	HBC-141 & HBC-150 'A' Loop ESW pipe replacement 1A, 1E, 1C, 1G-V211 – ECR 10-00290
C0248838	HBC-150 'B' Loop ESW pipe replacement 1B, 1F, 1D, 1H-V211 – ECR 10-00290
C0241405	6" HBC-147-03 Replace ESW piping due to clogging
R1174047	1A-V211 Replaced HBC-150-E1 unit cooler outlet spool
R1181145	1B-V211 Replaced HBC-141-E2 unit cooler inlet piping
C0245191	Replaced 6" ESW HBC-152-03 piping for flow balance testing

SYSTEM 012

RHR SERVICE WATER

C0242666	0C-P506 Replaced RHRSW pump bowl & column assembly
C0245200 & C0245147	012-0150 Installed 3" HBC-091 Hot tap drain
C0245201 & C0245147	012-0151 Installed 3" HBC-091 Hot tap drain
C0249335 & C0248846	012-0152 Installed 3" HBC-507 Hot tap drain
C0249336 & C0248846	012-0153 Installed 3" HBC-507 Hot tap drain
R1205762	Replaced flange studs & nuts on "B" Loop Spray pond network piping
R1212710	Replaced flange studs & nuts on "C" Loop Spray pond network piping
C0248357	HBC-507-01 Replaced flange studs and nuts on 30" RHRSW pipe and reworked pipe support

SYSTEM 041**MAIN STEAM ISOLATION VALVES**

R1167220	HV-041-1F022A Weld repair valve seat and replaced stem and pilot poppet assembly
R0960202	HV-041-1F022D Replaced MSIV stem, pilot poppet and main poppet

SYSTEM 041**MAIN STEAM RELIEF VALVES**

R1231085 & R1231493	PSV-041-1F013H Replaced MSR/V Body S/N 151 and pilot S/N 025 With reworked body S/N 167 and pilot S/N 005. Main disc replaced at NWS Technologies.
R1231086 & R1231493	PSV-041-1F013N Replaced MSR/V Body S/N 170 and pilot S/N 018 With reworked body S/N 147 and pilot S/N 024. Replaced (4) outlet flange nuts.

SYSTEM 043**REACTOR RECIRCULATION**

R0964227	1A-P201 Replaced reactor recirculation pump mechanical seal
C0248593	1B-P201 Replaced reactor recirculation pump mechanical seal
R1224130	1B-P201 Replaced reactor recirculation pump mechanical seal
C0248051-05	1B-P201-DR Remove & replace lugs on HBC-191-E4 pipe support

SYSTEM 044**REACTOR WATER CLEANUP**

C0248797-58	044-1064 Remove arc strike from 4" check valve
C0220862	HV-044-1F105 Rework 6" Globe valve
C0248797	DBB-105-01 Replaced 4" RWCU piping for flow accelerated erosion
C0248797-61	DBB-112-H001 Replaced end bracket load pins on 4" RWCU pipe support strut

SYSTEM 047**CONTROL ROD DRIVES**

R1227626	1R15 Control Rod Drive Replacements (multiple components)
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SYSTEM 048**STAND-BY LIQUID CONTROL**

C0249492	1B-P208 Replaced SBLC pump stuffing box glands
R1080674	XV-048-1F004A Replaced SBLC explosive valve primer chamber and inlet fitting
R1099490	XV-048-1F004C Replace SBLC explosive valve primer chamber and inlet fitting

SYSTEM 049**RCIC**

C0252110	HV-049-1F008 Replaced disc in 3" RCIC steam valve
C0249213	049-1F014 Replace disc and hinge pin in 6" Check valve inspection
C0242448	HV-049-1F080 Replaced 3" Motor operated Gate valve and adjacent piping.
C0242449	HV-049-1F084 Replaced 3" Motor operated Gate valve
C0248797-41	EBB-136-E002 Replaced 2" piping for interference removal

SYSTEM 051**RESIDUAL HEAT REMOVAL**

C0250867	051-1072B Installed 2" HBC-183 Hot tap drain in RHRSW pipe – ECR 14-00031
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SYSTEM 052**CORE SPRAY**

R1012717	PSV-052-1F012A Replaced 2" relief valve and adjacent piping
C0238747	PSV-052-1F012B Replaced 2" relief valve and adjacent piping
R0937525	PSV-052-1F032B Replaced 2" relief valve and adjacent piping

SYSTEM 056**HPCI PUMP & TURBINE**

R1167483	PSE-056-1D003 Replace HPCI inboard rupture disc
R1167484	PSE-056-1D004 Replace HPCI outboard rupture disc

SYSTEM 057**CONTAINMENT ATMOSPHERE CONTROL**

R1005218	SV-057-101 Replaced 2" valve and adjacent piping
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SYSTEM 090**CONTROL ROOM CHILLERS**

R1102885	0A-K112 Condenser – Weld repair condenser water box – Act# 33
C0237152	0A-K112 Weld repair and machine condenser head and Flanges & water box repairs
R1195326	0B-K112 Repaired main control room chiller condenser by welding

SYSTEM 092**DIESEL GENERATORS**

D11	1A-G501-DR
C0245275 & C0227988	1A-P535 Replace D11 lube oil pre-lube pump
C0245177	092-1302A Replace 1-1/2" Air start lex-flo valve
C0245172	092-1303A Replace 1-1/2" Air start flex-flo valve
D12	1B-G501-DR
R1203378	1B-G501-DR Replaced diesel generator exhaust manifold assembly
C0245770	092-1302B Replace 1-1/2" Air start valve
C0245769	092-1303B Replace 1-1/2" Air start valve
D13	1C-G501-DR
C0245629 & C0221658	1C-P530 Replaced 1-1/2" diesel engine circulation water pump
C0244994	092-1302C Replace 1-1/2" Air start flex flow valve
C0244993	092-1303C Replace 1-1/2" Air start flex flow valve
D14	1D-G501-DR
C0243523 & C0245440	1D1V909 Replace diesel generator engine turbocharger
C0243453 & C0245440	1D2V909 Replace diesel generator engine turbocharger
C0244419 & C0245512	092-1302D Replace 1-1/2" Air start valve
C0244399	092-1303D Replace 1-1/2" Air start valve

SYSTEM 103**SNUBBERS**

A1877682	System-103-Q Multiple Hydraulic Snubber Installations
A1877675/ A1877681/ A1877682/ A1882355	System-103-Q Multiple Mechanical Snubber Installations
A1877675/ A1877682	System-103-Q Multiple Mechanical Snubber Installations
A1877682/ A1877676	System-103-Q Multiple Hydraulic Snubber Installations
A1877678/ A1877680	System-103-Q Multiple Mechanical Snubber Installations
A1877682/ A1877676/ A1849632	System-103-Q Multiple Hydraulic Snubber Installations
A1877676	System-103-Q Multiple Hydraulic Snubber Installations
A1877680/ A1877681/ A1877682/ A1877675	System-103-Q Multiple Mechanical Snubber Installations
A1947127/ A1877682	System-103-Q Multiple Hydraulic Snubber Installations
A1877680/ A1877681/ A1877679/ A1877682/ A1877675	System-103-Q Multiple Mechanical Snubber Installations
C0248409-01	System-103-Q Multiple Mechanical Snubber Rebuilds
A1877679/ A1877678/ A1877681/ A1598581	System-103-Q Multiple Mechanical Snubber Installations
A1877675/ A1882355/ A1877681	System-103-Q Multiple Mechanical Snubber Installations

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 Date September 30, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit Common
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0242678
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-082 Pump 0B-P548
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-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)
0B-P548 Pump Bowl & Column Assembly	Flowserve	RLSA 20490	N/A	* 114-80667 PO# 048192	2012	Installed	Yes
0B-P548 Stuffing Box	Flowserve	RLSA 11699	N/A	* 114-81179 PO# 257803-215	2008	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced ESW pump bowl & column assembly and stuffing box.
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.

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 September 30, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 24, 2013 to OCTOBER 18, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date OCTOBER 18, 2013

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 Date August 21, 2012
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit Common
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0235899
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-082 Pump 0D-P548
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-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)
0D-P548 Pump Bowl & Column Assembly	Flowserve	RLSA17881	N/A	* 114-80667 PO# 038375	2012	Installed	Yes
0D-P548 Stuffing Box	Flowserve	RLSA11570	N/A	* 114-61179 PO# 257803-210	2008	Installed	Yes
(8) 7/8" Stuffing Box Threaded Studs	Curtis Wright (Nova Machine)	Heat No. M39510 Trace Code 7A99	N/A	* 114-92575 PO# 052050	N/A	Installed	No
(8) 7/8" Stuffing Box Hex Nuts	Curtis Wright (Nova Machine)	Heat No. 3007988 Trace Code 6N36	N/A	* 116-12220 PO# 048937	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced ESW pump bowl & column assembly and stuffing box.
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.

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 J.H. Kramer, site weld administrator Date August 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 5/14/12 to 10/5/12, 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 139774, NI PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 5 OCTOBER 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 Date May 24, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1103501
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System: Emergency Service Water (System 011) Line No. HBC-138-03 Valve 011-0032A
5. (a) Applicable Construction Code ASME III 1971 Edition, Winter 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 7863 Heat No. L6156	N/A	* 114-42159 PO# 023270	2005	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 6" ESW 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 J.H. Kramer (site weld administrator) Date May 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 4/10/12 to 10/1/12, 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.

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

Date 1 OCTOBER 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 Date May 3, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit Common
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248846 & C0249332
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. SP- HBC-083-001F Valve 011-0466
5. (a) Applicable Construction Code ASME III 1974 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 011-0468	BNL Industries	A080708-1-1	N/A	* 114-63218 PO# 027477	2008	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat No. 91337 (ABX)	N/A	*114-92683 PO# 055430	N/A	Installed	No
(1) Foot 2" NPS pipe	SANDVIK	Heat No. 521756	N/A	* 114-90030 PO# 042094	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 2" ESW drain via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 81 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 10-00483.

Ball valve 011-0466 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 J.H. Kramer, Site weld administrator Date May 3, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 7, 2014 to MAY 7, 2014, and state that to 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 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date MAY 7, 2014

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 Date May 3, 2014
Name

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

2. Plant Limerick Generating Station Unit Common
Name

3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248846 & C0249333
Address Repair Organization P.O. No., Job No. etc.

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

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

4. Identification of System Emergency Service Water (System 011) Line No. SP- HBC-084-001F Valve 011-0467

5. (a) Applicable Construction Code ASME III 1974 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 011-0467	BNL Industries	A130804-1-1	N/A	* 114-63218 PO# 062025	2013	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat No. 91337 (ABX)	N/A	*114-92683 PO# 055430	N/A	Installed	No
(1) Foot 2" NPS pipe	SANDVIK	Heat No. 521756	N/A	* 114-90030 PO# 042094	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 2" ESW drain via "Hot Tap" process.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 81 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 10-00483.
Ball valve 011-0467 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 J.H. Kramer, Site weld administrator Date May 3, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 7, 2014 to MAY 7, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 7, 2014

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 Date March 11, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0245199 & C0245147
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Service water (System 011) Line No. SP- HBC-083-001F Valve 011-0468
5. (a) Applicable Construction Code ASME III 1974 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 011-0468	BNL Industries	A120504-1-1	N/A	* 114-63218 PO# 052696	2012	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat No. A080612-1	N/A	*114-92683 PO# 038863	N/A	Installed	No
(1) Foot 2" NPS pipe	Sandvick	Heat No. 516360	N/A	* 114-90030 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: 77 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 011-0468 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 J.H. Kramer, Site weld administrator Date March 11, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 6, 2012 to MARCH 15, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 15, 2013

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 Date May 3, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248846 & C0249334
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Service Water (System 011) Line No. SP-HBC-084-001F Valve 011-0469
5. (a) Applicable Construction Code ASME III 1974 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-886-1

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 011-0469	BNL Industries	A120504-1-2	N/A	* 114-63218 PO# 052696	2012	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat No. 91337 (ABX)	N/A	*114-92683 PO# 055430	N/A	Installed	No
(1) Foot 2" NPS pipe	SANDVIK	Heat No. 521756	N/A	* 114-90030 PO# 042094	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 2" ESW drain via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 81 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.

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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 10-00483.

Ball valve 011-0469 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 J.H. Kramer, Site weld administrator Date May 3, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 7, 2014 to MAY 7, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 7, 2014

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 Date May 10, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0230915
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-143 & HBC-168 Valves 011-1009 & 1012
5. (a) Applicable Construction Code ASME III 1974 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)
8" Check Valve 011-1009	Flowserve	BI 418	N/A	* 114-67723 PO# 034396	2010	Installed	Yes
8" Check Valve 011-1012	Flowserve	BI 414	N/A	* 114-67723 PO# 034396	2010	Installed	Yes
8" Check Valve 011-1007	Anchor Darling	3N 1001	N/A	N/A	1977	Removed	Yes
8" Check Valve 011-1012	Anchor Darling	3N 1002	N/A	N/A	1977	Removed	Yes
(1) 8" NPS Butt Weld Tee	Taylor Forge	Heat Code MPFE-3	N/A	* 114-91908 PO# 046813	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 8" NPS check valve and adjacent piping.
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.

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

Valves 011-1009 and 011-1012 are constructed in accordance with ASME III, 1971 edition with summer 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 J.H. Kramer, Site weld administrator Date May 10, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 13, 2012 to MAY 13, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 13, 2014

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 Date January 24, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0232314
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-151 Valve 011-1023A
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-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
3" Globe Valve 011-1023A	Flowserve	BJ 299	N/A	* 114-26291 PO 257797-731	2010	Installed	Yes
3" Globe Valve 011-1023A	Anchor Darling	3N-193	N/A	N/A	N/A	Removed	Yes
(2) Feet 3" NPS pipe	United States Steel	Heat No. D00103	N/A	* 114-90060 PO 009825-3152	N/A	Installed	No
(1) 3" NPS Weld Neck Flanges	Western Forge & Flange	Heat No. A090309 Code FVV-A-1	N/A	* 114-91439 PO 009825-4487	N/A	Installed	No

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced emergency service water globe valve and adjacent piping.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 121 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

Flowsolve globe valve BJ 299 is constructed in accordance with ASME III, 1971 edition with addenda through summer 1971.

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 J. H. Kramer, Site weld administrator Date January 24, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 1/25/13, and state that to 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 E. Ell Commissions NB 13977 A, N.F. PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 JANUARY 20 13

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 Date January 23, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0237782
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-151 Valve 011-1024
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-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
3" Globe Valve 011-1024	Flowserve	BK 261	N/A	* 114-26291 PO 040616	2011	Installed	Yes
3" Globe Valve 011-1024	Anchor Darling	3N-190	N/A	N/A	N/A	Removed	Yes
(2) Feet 3" NPS pipe	United States Steel	Heat No. D00103	N/A	* 114-90060 PO 009825-3152	N/A	Installed	No
(1) 3" NPS Weld Neck Flanges	Western Forge & Flange	Heat No. A090309 Code FVV-A-1	N/A	* 114-91439 PO 009825-4539	N/A	Installed	No
(1) 3" NPS 90 Degree Elbow	Tube Forgings of America	Heat No. T617A	N/A	* 114- 91552 PO 339825-70	N/A	Installed	No
(1) 3" NPS 90 Degree Elbow	Tube Forgings of America	Heat No. V642A	N/A	* 114- 91552 PO 009825-4221	N/A	Installed	No

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced emergency service water globe valve and adjacent piping.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 121 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

Flowserve globe valve BK 261 is constructed in accordance with ASME III, 1971 edition with addenda through summer 1971.

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 J. H. Kramer, Site weld administrator Date January 23, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 12/15/12 to 1/31/13, and state that to 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.

M. J. Cell Commissions NIB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 31 JANUARY 2013

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 Date May 21, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0239002
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-138-04 Valve 011-1087
5. (a) Applicable Construction Code ASME III 1974 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)
3" Ball Valve 011-1087	BNL Industries	A130801-1-1	N/A	* 114-62939 PO# 061800	2013	Installed	Yes
3" Gate Valve 011-1087	VELAN	5961	N/A	N/A	N/A	Removed	Yes
(1) Foot 3" NPS carbon steel pipe	United States Steel	Heat No. H44932	N/A	* 114-90060 PO# 009825-4233	N/A	Installed	No
(7) Foot 3" NPS stainless steel pipe	Salzgitter Mannesmann Stainless	Heat No. 270035	N/A	* 114-00183 PO# 339825-581	N/A	Installed	No
(1) 3" NPS Elbow	Taylor Forge	Heat Code NCRK-1	N/A	* 114-15722 PO# 060620	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" gate valve and adjacent piping with a ball valve and stainless piping.
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 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 13-00210.

Ball valve 011-1087 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 J.H. Kramer, Site weld administrator Date May 21, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period DECEMBER 2, 2013 to MAY 27, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 27, 2014

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 Date August 10, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (supply)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1C-V211 and 1G-V211
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-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
2" Ball Valve HV-011-101C	BNL Industries	A101001-1-16	N/A	* 114-80960 PO 040469	2011	Installed	Yes
2" Ball Valve HV-011-101G	BNL Industries	A101001-1-13	N/A	* 114-80960 PO 040469	2011	Installed	Yes
2" Globe Valve HV-011-101C	Rockwell	AG 080	N/A	N/A	N/A	Removed	Yes
2" Globe Valve HV-011-101G	Flowserve	56 BEJ	N/A	N/A	N/A	Removed	Yes
3" Gate Valve 011-1025C	Flowserve	BK 482	N/A	* 114-80978 PO 041274	2011	Installed	Yes
3" Gate Valve 011-1025C	Flowserve	BH 920	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced carbon steel emergency service water supply piping and valves to unit coolers 1C-V211 and 1G-V211, with stainless steel piping and valves

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: Pressure 101 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 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Generation Company, LLC Date August 10, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (supply)
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1C-V211 and 1G-V211
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-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
(17 feet) 3" NPS pipe	Sandvik Steel	Heat No. 526325	N/A	* 114-00183 PO 009825-4716 & 4754	N/A	Installed	No
(15 feet) 3" NPS pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO 339825-471	N/A	Installed	No
(24 feet) 2" NPS pipe	Sandvik Steel	Heat No. 532987	N/A	* 114-83912 PO 059021	N/A	Installed	No
(1) 3" NPS RF WN flange	Western Forge & Flange	Heat No. 1341 ANE	N/A	* 114-56359 PO 058877	N/A	Installed	No
(2) 3" NPS slip-on flanges	Western Forge & Flange	Heat No. 6421 ANE2	N/A	* 114-57169 PO 339825-470	N/A	Installed	No
(4) 2" NPS socket weld flanges	Western Forge & Flange	Heat No. 6421 ANE1	N/A	* 114-83942 PO 058877	N/A	Installed	No
(1) 3" x 2" NPS concentric reducer	Taylor Forge	Heat Code NDXA-1	N/A	* 114-83913 PO 059021	N/A	Installed	No
(2) 3" x 2" NPS eccentric reducers	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01382 PO 059237	N/A	Installed	No
(4) 3" NPS 90 degree elbows	Taylor Forge	Heat Code NDXA-2	N/A	* 114-56252 PO 339825-470	N/A	Installed	No

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 Date August 10, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 3 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (supply)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1C-V211 and 1G-V211
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-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
(1) 3" x 3" x 2" NPS tee	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01383 PO 059237	N/A	Installed	No
(7) 2" NPS 90 degree elbows	Bonney Forge	Lot No. 44144	N/A	* 114-83940 PO 059021	N/A	Installed	No
(2) 2" x 2" x 3/4" NPS tees	Bonney Forge	Lot No. 44067	N/A	* 114-07003 PO 059021	N/A	Installed	No
HBC-141-H08 piece no. 3 1/2" anchor plate	North American Stainless	Heat No E7J8	N/A	* 118-01384 PO 059238	N/A	Installed	No
HBC-141-H09 & H10, U-straps	Bergen Power	Heat No. A2U2997	N/A	* 118-01485 PO 060400	N/A	Installed	No
HBC-141-E3-H6, H7, H8 & H9 SPH-601 U-straps	Bergen Power	Heat No. BOX 8248	N/A	* 114-07276 PO 058879	N/A	Installed	No
HBC-141-E3-H6 1/4" shim plate (cut from angle)	Roanoke Electric Steel	Heat No. JE 3669	N/A	* 114-92698 PO 001897-566	N/A	Installed	No
HBC-141-E3-H7 3/4" shim plate	Nucor Plate Mill	Heat No. 2502633	N/A	* 114-04934 PO 339825-401	N/A	Installed	No
HBC-141-E3-H16 L3 x 3 x 3/8 angle	Roanoke Electric Steel	Heat No. JH 4283	N/A	* 114-92716 PO 339825-140	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

Work completed in accordance with Exelon design change ECR LG-10-00290.

BNL ball valves are manufactured in accordance with ASME III, 1971 edition with addenda through summer 1972.

Flowserve gate valves are manufactured in accordance with ASME III, 2004 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 J. H. Kramer, site weld administrator Date September 23, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 7, 2013 to OCTOBER 23, 2013, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

[Signature]
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date OCTOBER 23, 2013

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 Date October 5, 2013
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 4
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (return)
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
 Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1C-V211 & 1G-V211
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-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
2" Globe Valve 011-1026C	Flowserve	71 BVG	N/A	* 114-80962 PO 041274	2013	Installed	Yes
2" Globe Valve 011-1026G	Flowserve	70 BVG	N/A	* 114-80962 PO 041274	2013	Installed	Yes
2" Globe Valve 011-1026C	Rockwell	WA 822	N/A	N/A	N/A	Removed	Yes
2" Globe Valve 011-1026G	Rockwell	WA 826	N/A	N/A	N/A	Removed	Yes
3" Gate Valve 011-1027C	Flowserve	BK 483	N/A	* 114-80978 PO 041274	2011	Installed	Yes
3" Gate Valve 011-1027C	Anchor Darling	E-A121-1-7	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced carbon steel emergency service water return piping and valves from unit coolers 1C-V211 and 1G-V211, with stainless steel piping and valves

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other: Pressure 101 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.

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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 Date October 5, 2013
Name

200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 4
Address

2. Plant Limerick Generating Station Unit 1
Name

3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (return)
Address Repair Organization P.O. No., Job No. etc.

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

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

4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1C-V211 & 1G-V211

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-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
(4 feet) 3" NPS pipe	Sandvik Steel	Heat No. 526325	N/A	* 114-00183 PO 009825-4716 & 4754	N/A	Installed	No
(24 feet) 3" NPS pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO 339825-471	N/A	Installed	No
(28 feet) 2" NPS pipe	Sandvik Steel	Heat No. 532987	N/A	* 114-83912 PO 059021	N/A	Installed	No
(1) 3" NPS RF WN flange	Western Forge & Flange	Heat No. 1341 ANE	N/A	* 114-56359 PO 058877	N/A	Installed	No
(2) 3" NPS slip-on flanges	Western Forge & Flange	Heat No. 6421 ANE2	N/A	* 114-57169 PO 339825-470	N/A	Installed	No
(4) 2" NPS socket weld flanges	Western Forge & Flange	Heat No. 6421 ANE1	N/A	* 114-83942 PO 058877	N/A	Installed	No
(3) 3" x 2" NPS concentric reducers	Taylor Forge	Heat Code NDXA-1	N/A	* 114-83913 PO 059021	N/A	Installed	No
(5) 3" NPS 90 degree elbows	Taylor Forge	Heat Code NDXA-2	N/A	* 114-56252 PO 339825-470	N/A	Installed	No
(1) 3" x 3" x 2" NPS tee	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01383 PO 059237	N/A	Installed	No
(4) 2" NPS 90 degree elbows	Bonney Forge	Lot No. 44125	N/A	* 114-83940 PO 048639	N/A	Installed	No
(4) 2" NPS 90 degree elbows	Bonney Forge	Lot No. 44144	N/A	* 114-83940 PO 059021	N/A	Installed	No

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 Date October 5, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 3 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244046 (return)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1C-V211 & 1G-V211
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-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
(2) 2" x 2" x 3/4" NPS tees	Bonney Forge	Lot No. 44067	N/A	* 114-07003 PO 059021	N/A	Installed	No
FE-011-174 & 176 orifice plates	Graftel LLC	Heat No. 95852	N/A	* 118-01106 PO 060750	N/A	Installed	No
FE-011-174 & 176 (8) 5/8" flange studs	Nova Machine	Heat Code H113	N/A	* 114-14881. PO 180864-348810	N/A	Installed	No
FE-011-174 & 176 (16) 5/8" flange nuts	Curtis Wright Nova	Heat Code 8F60	N/A	* 116-12090 PO 180864-3891	N/A	Installed	No
HBC-150-H09 piece no. 3 1/2" anchor plate	North American Stainless	Heat No E7J8	N/A	* 118-01384 PO 059238	N/A	Installed	No
HBC-150-H10 & H12, U-strap	Bergen Power	Heat No. A2U2997	N/A	* 118-01485 PO 060400	N/A	Installed	No
HBC-150-H11 2" Pipe Stanchion	Sandvik	Heat No. 521687	N/A	* 118-01381 PO 059238	N/A	Installed	No
HBC-150-H11 2 feet , 4" tube steel	Southland Tube	Heat No. 514969	N/A	* 114-92335 PO 339825-7	N/A	Installed	No
HBC-150-E3-H5, H7, H8 & H11 SPH-601 U-strap	Bergen Power	Heat No. BOX 8248	N/A	* 114-07276 PO 058879	N/A	Installed	No
HBC-150-E3-H7 1/2" shim plate	Nucor Steel	Heat No. B0S6577-02	N/A	* 114-92856 PO 339825-504	N/A	Installed	No
HBC-150-E3-H12 SPH-605 U-strap	Bergen Power	None	N/A	* 114-97348 PO 257795-348085	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

Work completed in accordance with Exelon design change ECR LG-10-00290.

Flowsolve gate and globe valves are manufactured in accordance with ASME III, 2004 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 J. H. Kramer, site weld administrator Date October 5, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 7, 2013 to OCTOBER 23, 2013, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

J. H. Kramer
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date OCTOBER 23, 2013

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 Date February 22, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (supply)
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1D-V211 and 1H-V211
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-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
2" Ball Valve HV-011-101D	BNL Industries	A101001-1-14	N/A	* 114-80960 PO 040469	2011	Installed	Yes
2" Ball Valve HV-011-101H	BNL Industries	A101001-1-15	N/A	* 114-80960 PO 040469	2011	Installed	Yes
2" Globe Valve HV-011-101D	Edward-Vogt	97 ATM	N/A	N/A	N/A	Removed	Yes
2" Globe Valve HV-011-101H	Rockwell	AG 085	N/A	N/A	N/A	Removed	Yes
3" Gate Valve 011-1025D	Flowserve	BO 123	N/A	* 114-80978 PO 041274	2013	Installed	Yes
3" Gate Valve 011-1025D	Anchor Darling	E-A121-1-4	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced carbon steel emergency service water supply piping and valves to unit coolers 1D-V211 and 1H-V211, with stainless steel piping and valves

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 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, 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 Date February 22, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (supply)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1D-V211 and 1H-V211
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-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
(52 feet) 3" NPS pipe	Nippon Steel & Sumitomo Metal	Heat No. E47883	N/A	* 114-00183 PO 339825-524	N/A	Installed	No
(24 feet) 2" NPS pipe	Sandvik Steel	Heat No. 521756	N/A	* 114-83912 PO 042927 & 044706	N/A	Installed	No
(1) 3" NPS RF WN flange	WFI Nuclear	Heat No. 6861 ANE	N/A	* 114-56359 PO 060593	N/A	Installed	No
(2) 3" NPS slip-on flanges	Western Forge & Flange	Heat No. 252683 Code HZZ-1	N/A	* 114-57169 PO 339825-509	N/A	Installed	No
(4) 2" NPS socket weld flanges	WFI Nuclear	Heat No. 6216 ANE	N/A	* 114-83942 PO 060097	N/A	Installed	No
(1) 3" x 2" NPS concentric reducer	Taylor Forge	Heat Code NKJE-1	N/A	* 114-83913 PO 060593	N/A	Installed	No
(2) 3" x 2" NPS eccentric reducers	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01382 PO 060593	N/A	Installed	No
(4) 3" NPS 90 degree elbows	Taylor Forge	Heat Code NKJE-1	N/A	* 114-56252 PO 339825-518	N/A	Installed	No
(1) 3" NPS 90 degree short radius elbow	Taylor Forge	Heat Code LNKW-1	N/A	* 118-01721 PO 060510	N/A	Installed	No
(2) 3" NPS 45 degree elbows	Taylor Forge	Heat Code NDXA-2	N/A	* 114-00487 PO 060593	N/A	Installed	No

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 Date February 22, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 3 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (supply)
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141 ESW Supply to 1D-V211 and 1H-V211
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-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
(1) 3" x 3" x 2" NPS tee	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01383 PO 060593	N/A	Installed	No
(5) 2" NPS 90 degree elbows	Bonney Forge	Lot No. 44144	N/A	* 114-83940 PO 060593	N/A	Installed	No
(1) 2" NPS coupling	Bonney Forge	Lot No. 7631	N/A	* 114-92271 PO 060098	N/A	Installed	No
(2) 2" x 2" x 3/4" NPS tees	Alloy Stainless Products	Heat Code C73	N/A	* 114-07003 PO 060418	N/A	Installed	No
HBC-141-H17 piece no. 2 7/8" anchor plate	North American Stainless	Heat No. F7J9	N/A	* 118-01720 PO 060509	N/A	Installed	No
HBC-141-H11 piece no. 1 1/2" anchor plate	North American Stainless	Heat No. F9J6	N/A	* 118-01710 PO 060509	N/A	Installed	No
HBC-141-H12, H14, H15 & H16 3" U-straps	Bergen Power	Heat No. A2U2997	N/A	* 118-01485 PO 060400	N/A	Installed	No
HBC-141-E4-H8, H17, H18, H19 & H20 SPH-601 U-straps	Bergen Power	Heat No. BOX 8248	N/A	* 114-07276 PO 060470	N/A	Installed	No
HBC-141-H14 1" shim plate	Nucor Plate Mill	Heat No. 2504634	N/A	* 114-80536 PO 062737	N/A	Installed	No
HBC-141-H12 5/8" shim plate	Nucor Plate Mill	Heat No. B5W7806	N/A	* 111-09625 PO 339825-557	N/A	Installed	No
HBC-141-E4-H20 1/4" shim plate	Nucor Plate Mill	Heat No. B8Q6554	N/A	* 114-45779 PO 339825-222	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

Work completed in accordance with Exelon design change ECR LG-10-00290.

BNL ball valves are manufactured in accordance with ASME III, 1971 edition with addenda through summer 1972.

Flowserve gate valves are manufactured in accordance with ASME III, 2004 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 J. H. Kramer, site weld administrator Date February 22, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period August 26, 2013 to MARCH 4, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

[Signature]
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date MARCH 4, 2014

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 Date February 24, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (return)
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1D-V211 & 1H-V211
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-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
2" Globe Valve 011-1026D	Flowserve	68 BVG	N/A	* 114-80962 PO 041274	2013	Installed	Yes
2" Globe Valve 011-1026H	Flowserve	69 BVG	N/A	* 114-80962 PO 041274	2013	Installed	Yes
2" Globe Valve 011-1026D	Rockwell	WA 802	N/A	N/A	N/A	Removed	Yes
2" Globe Valve 011-1026H	Rockwell	WA 851	N/A	N/A	N/A	Removed	Yes
3" Gate Valve 011-1027D	Flowserve	BO 122	N/A	* 114-80978 PO 041274	2013	Installed	Yes
3" Gate Valve 011-1027D	Anchor Darling	E-A121-1-8	N/A	N/A	N/A	Removed	Yes

* Traceability per Exelon stock code and purchase order number

7. Description of Work: Replaced carbon steel emergency service water return piping and valves from unit coolers 1D-V211 and 1H-V211, with stainless steel piping and valves

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 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, 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 Date February 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (return)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1D-V211 & 1H-V211
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-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
(26 feet) 3" NPS pipe	Nippon Steel & Sumitomo Metal	Heat No. E47883	N/A	* 114-00183 PO 339825-524	N/A	Installed	No
(23 feet) 2" NPS pipe	Sandvik Steel	Heat No. 521758	N/A	* 114-83912 PO 042927 & 044706	N/A	Installed	No
(1) 3" NPS RF WN flange	WFI Nuclear	Heat No. 6861 ANE	N/A	* 114-56359 PO 060593	N/A	Installed	No
(2) 3" NPS slip-on flanges	Western Forge & Flange	Heat No. 252683 Code HZZ-1	N/A	* 114-57169 PO 339825-509	N/A	Installed	No
(4) 2" NPS socket weld flanges	WFI Nuclear	Heat No. 6216 ANE	N/A	* 114-83942 PO 060097	N/A	Installed	No
(2) 3" x 2" NPS concentric reducers	Taylor Forge	Heat Code NKJE-1	N/A	* 114-83913 PO 060593	N/A	Installed	No
(1) 3" x 2" NPS eccentric reducer	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01382 PO 060593	N/A	Installed	No
(6) 3" NPS 90 degree elbows	Taylor Forge	Heat Code NKJE-1	N/A	* 114-56252 PO 339825-518	N/A	Installed	No
(1) 3" x 3" x 2" NPS tee	Taylor Forge	Heat Code NDXA-2	N/A	* 118-01383 PO 060593	N/A	Installed	No
(5) 2" NPS 90 degree elbows	Bonney Forge	Lot No. 44144	N/A	* 114-83940 PO 060593	N/A	Installed	No

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 Date February 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 3 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0244060 (return)
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150 ESW return from 1D-V211 & 1H-V211
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-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
(1) 2" NPS coupling	Bonney Forge	Lot No. 7631	N/A	* 114-92271 PO 060098	N/A	Installed	No
(2) 2" x 2" x 3/4" NPS tees	Alloy Stainless Products	Heat Code C73	N/A	* 114-07003 PO 060418	N/A	Installed	No
FE-011-177 & 178 orifice plates	Graftel LLC	Heat No. E12054	N/A	* 118-01106 PO 060750	N/A	Installed	No
FE-011-177 & 178 (8) 5/8" flange studs	Curtis Wright Nova	Trace Code 8U90	N/A	* 114-14881 PO 180864-3950	N/A	Installed	No
FE-011-177 & 178 (16) 5/8" flange nuts	Curtis Wright Nova	Trace Code 8F80	N/A	* 116-12090 PO 180864-3891	N/A	Installed	No
HBC-150-H06 piece no. 3 1/2" anchor plate	North American Stainless	Heat No. F9J6	N/A	* 118-01710 PO 060509	N/A	Installed	No
HBC-150-H04, H05 & H08, 3" U-strap	Bergen Power	Heat No. A2U2997	N/A	* 118-01485 PO 060400	N/A	Installed	No
HBC-150-E4-H6, & H8 SPH-601 U-strap	Bergen Power	Heat No. BOX 8248	N/A	* 114-07276 PO 060470	N/A	Installed	No
HBC-150-E4-H8 5/8" shim plate	Nucor Plate Mill	Heat No. B5W7806	N/A	* 111-09625 PO 339825-557	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

Work completed in accordance with Exelon design change ECR LG-10-00290.

Flowsolve gate and globe valves are manufactured in accordance with ASME III, 2004 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 J. H. Kramer, site weld administrator Date February 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period August 26, 2013 to MARCH 4, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

[Signature]
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date MARCH, 2014

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 Date May 30, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248837
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141-01, HBC-141-03 and HBC-150-03
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-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)
HBC-141-01 (8) feet of 3" NPS pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO# 339825-471	N/A	Installed	No
HBC-141-01 (4) 3" NPS weld neck flanges	Western Forge & Flange	Heat No. 252357	N/A	* 114-56359 PO# 062026	N/A	Installed	No
HBC-141-01 (1) 3" NPS weld neck flange	Western Forge & Flange	Heat Code HLZ-4	N/A	* 114-91439 PO# 064586	N/A	Installed	No
HBC-141-01 (1) 3" NPS elbow	Taylor Forge	Heat Code NKJE-2	N/A	* 114-56252 PO# 339825-580	N/A	Installed	No
HBC-141-H20 (1) 3" NPS U-strap	Colonial Machine	Heat No. 1042626	N/A	* 118-02128 PO# 062901	N/A	Installed	No
HBC-141-H22 (1) foot of 3 x 3 x 1/4 tube steel	Maruichi Leavitt	Heat No. R1335	N/A	* 114-92333 PO# 062028	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced carbon steel ESW piping with stainless steel.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 102 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 Date May 30, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248837
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-141-01, HBC-141-03 and HBC-150-03
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)
HBC-141-03 (3) feet of 3" NPS pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO# 339825-471	N/A	Installed	No
HBC-141-03 (4) 3" NPS weld neck flanges	Western Forge & Flange	Heat No. 252357	N/A	* 114-56359 PO# 062026	N/A	Installed	No
HBC-141-03 (1) 3" NPS weld neck flange	Western Forge & Flange	Heat Code HLZ-4	N/A	* 114-91439 PO# 064586	N/A	Installed	No
HBC-150-03 (2) feet of 3" NPS pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO# 339825-471	N/A	Installed	No
HBC-150-03 (4) 3" NPS weld neck flanges	Western Forge & Flange	Heat No. 252357	N/A	* 114-56359 PO# 062026	N/A	Installed	No
HBC-150-03 (1) 3" NPS weld neck flange	Western Forge & Flange	Heat Code HLZ-4	N/A	* 114-91439 PO# 064586	N/A	Installed	No
(16) 5/8" flange studs	Curtis Wright Nova	Heat No. NF 12202710	N/A	* 114-04510 PO# 062030	N/A	Installed	No
(32) 5/8" flange studs	Curtis Wright Nova	Heat Code 8Y48	N/A	* 114-37655 PO# 180864-3957	N/A	Installed	No
(72) 5/8" flange nuts	Curtis Wright Nova	Heat Code 8W89	N/A	* 116-12090 PO# 180864-3957	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 10-00290.
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 J.H. Kramer, site weld administrator Date May 30, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 24, 2013 to JUNE 2, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 2, 2014

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 Date May 31, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 4
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248838
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150-02 and HBC-150-04
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)
HBC-150-04 (1) 3" NPS C.S. weld neck flange	Western Forge & Flange	Heat Code HLZ-4	N/A	* 114-91439 PO# 064586	N/A	Installed	No
HBC-150-04 (4) feet of 3" NPS S.S. pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO# 339825-471	N/A	Installed	No
HBC-150-04 (4) 3" NPS S.S. weld neck flanges	WFI Nuclear	Heat Code 6861 ANE	N/A	* 114-56359 PO# 060593 & 064588	N/A	Installed	No
HBC-150-H023 (1) foot 4 x 4 x 1/4 tube steel	Southland Tube	Heat No. 514969 Lot No. L1299	N/A	* 114-92335 PO# 339825-7	N/A	Installed	No
HBC-150-H023 (1) 1/4" shim plate	Nucor Steel	Heat No. B8Q6554	N/A	* 114-45779 PO# 339825-222	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced carbon steel ESW piping with stainless steel.
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, 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 Date May 31, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248838
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
- 3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150-02 and HBC-150-04
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 / 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)
HBC-150-02 (2) feet of 3" NPS C.S. pipe	United States Steel	Heat No. H44932	N/A	* 114-90060 PO# 009825-4233	N/A	Installed	No
HBC-150-02 (1) 3" NPS C.S. elbow	Tube Forgings of America	Heat Code V642A	N/A	* 114-91552 PO# 339825-524	N/A	Installed	No
HBC-150-02 (1) 3" NPS C.S. weld neck flange	Western Forge & Flange	Heat Code HLZ-4	N/A	* 114-91439 PO# 064586	N/A	Installed	No
HBC-150-02 (9) feet of 3" NPS S.S. pipe	Prakash Steelage	Heat No. C-280	N/A	* 114-00183 PO# 339825-471	N/A	Installed	No
HBC-150-02 (3) 3" NPS S.S. weld neck flanges	Western Forge & Flange	Heat No. 252357	N/A	* 114-56359 PO# 062026	N/A	Installed	No
HBC-150-02 (1) 3" NPS S.S. weld neck flange	WFI Nuclear	Heat Code 6861 ANE	N/A	* 114-56359 PO# 060593 & 064588	N/A	Installed	No
HBC-150-02 (2) 3" NPS S.S. elbows	Taylor Forge	Heat Code NKJE-1	N/A	* 114-56252 PO# 339825-580	N/A	Installed	No
HBC-150-02 (1) 3" NPS S.S. elbow	Taylor Forge	Heat Code NKJE-2	N/A	* 114-56252 PO# 339825-580	N/A	Installed	No

* Traceability per Exelon stock code number.

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 Date May 31, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 3 of 4
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248838
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Service Water (System 011) Line No. HBC-150-02 and HBC-150-04
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-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)
HBC-150-H015 (1) 3" Pipe U-strap	Berger-Power	Heat No. A2U2997	N/A	* 118-01485 PO# 060400	N/A	Installed	No
HBC-150-H021 (1) foot of 3 x 3 x 1/4" tube steel	Leavitt Tube	Heat No. N0468	N/A	* 114-92333 PO# 038715	N/A	Installed	No
Valve 011-1428D (8) flange studs	Curtis Wright Nova	Heat No. NF 12202710	N/A	* 114-04510 PO# 062030	N/A	Installed	No
Valve 011-1428D (8) flange nuts	Curtis Wright Nova	Heat Code 8W89	N/A	* 116-12090 PO# 180864-3957	N/A	Installed	No
Valve 011-1430B (8) flange studs	Curtis Wright Nova	Heat No. NF 12202710	N/A	* 114-04510 PO# 062030	N/A	Installed	No
Valve 011-1430B (8) flange nuts	Curtis Wright Nova	Heat Code 8W89	N/A	* 116-12090 PO# 180864-3957	N/A	Installed	No
(12) 5/8" pipe flange studs	Curtis Wright Nova	Heat No. NF 12202710	N/A	* 114-04510 PO# 062030	N/A	Installed	No
(4) 5/8" pipe flange studs	Curtis Wright Nova	Heat Code 8Y48	N/A	* 114-37655 PO# 180864-3957	N/A	Installed	No
(32) 5/8" pipe flange nuts	Curtis Wright Nova	Heat Code 8W89	N/A	* 116-12090 PO# 180864-3957	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 10-00290.
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 31, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 24, 2013 to JUNE 3, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 3, 2014

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 Date May 21, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0241405
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
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-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)
HBC-147-03 18 Feet of 6" NPS pipe	United States Steel	Heat No. U21214	N/A	* 114-90062 PO# 009825-4751	N/A	Installed	No

7. Description of work: Replace 6" ESW piping due to clogging.
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.

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 J.H. Kramer, site weld administrator Date May 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 3/21/12 to 9/26/12, 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.

M. D. Cell Commissions NB 13977 4, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 26 SEPTEMBER 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 Date January 21, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1174047
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System: Emergency Service Water (System 011) Line No. SP-HBC-150-E1 Unit Cooler 1A-V211
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)
(1) Feet 2" NPS pipe	Michigan Seamless Tube	Heat No. 00A092767	N/A	* 114-90045 PO# 339825-97	N/A	Installed	No
(1) 3" NPS W.N. Flange	Western Forge & Flange	Heat No. A093122 Heat Code GLB-B-1	N/A	* 114-91439 PO# 009825-4850	N/A	Installed	No
(1) 3" x 2" Concentric Reducer	Taylor Forge	Heat Code MSHD-8	N/A	* 114-98055 PO# 038200	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced emergency service water return piping from unit cooler 1A-V211.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 122 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

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 J.H. Kramer (site weld administrator) Date January 21, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 12/3/12 to 2/28/13, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions NB 13977 A, N, I PA 3020
National Board, State, Province, and Endorsements

Date 28 FEBRUARY 2013

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 Date April 13, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1181145
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System: Emergency Service Water (System 011) Line No. SP-HBC-141-E2 Unit Cooler 1B-V211
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) Feet 2" NPS pipe	Michigan Seamless Tube	Heat No. 00A092767	N/A	* 114-90045 PO# 339825-97	N/A	Installed	No
(1) 2" NPS S.W. Flange	Western Forge & Flange	Heat No. A090309 Heat Code FVV-A-3	N/A	* 114-90527 PO# 009825-4418	N/A	Installed	No
(1) 3" NPS W.N. Flange	Western Forge & Flange	Heat No. MM11106485 Heat Code HLZ-4	N/A	* 114-91439 PO# 339825-409	N/A	Installed	No
(1) 3" x 2" Eccentric Reducer	Taylor Forge	Heat Code MOMQ-4	N/A	* 114-61210 PO# 049458	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced emergency service water return piping from unit cooler 1B-V211.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 125 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

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 J.H. Kramer (site weld administrator) Date April 13, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 FEBRUARY 19, 2013 to JUNE 5, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2013

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 Date July 31, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0245191
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Service Water (System 011) Line No. 6" 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-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)
HBC-152-03 8 Feet of 6" NPS pipe	United States Steel	Heat No. U21214	N/A	* 114-90062 PO# 339825-354	N/A	Installed	No
HBC-152-H015 One (1) Foot of L3 x 3 x 3/8 Angle	Roanoke Steel	Heat No. JH 4283	N/A	* 114-92716 PO# 339825-140	N/A	Installed	No
HBC-152-H015 One (1) 1/4" Shim Plate	Nucor Steel	Heat No. B8Q6554	N/A	* 114-45779 PO# 339825-222	N/A	Installed	No

7. Description of work: Replace 6" ESW piping due to corrosion
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 111 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 J.H. Kramer, site weld administrator Date July 31, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 10, 2013 to AUGUST 1, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date August 1, 2013

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 Date April 13, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order No. C0242666
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name 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 0C-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-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)
Pump Bowl & Column Assembly	Flowsolve	RLSA 20568	N/A	* 114-80666 PO# 048192	2012	Installed	Yes
Stuffing Box	Byron Jackson Pump	R/S 179857 836-E-4040	N/A	* 114-66198 PO# 054260	1984	Installed	Yes

* Traceability per Exelon stock code and PO number.

7. Description of work: Replaced RHRSW pump bowl & column assembly and pump stuffing box.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 86 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

MEW 7/1/14
152 7/1/14

C0242666

W/O No. ~~C042666~~
Sheet 2 of 2

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

Pump stuffing box stock number 114-66198 was 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 J. H. Kramer, site weld administrator Date April 13, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 FEBRUARY 19, 2013 to MAY 21, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 21, 2013

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 Date March 11, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0245200 & C0245147
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR Service Water (System 012) Line No. SP- HBC-091-001F Valve 012-0150
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)
3" Ball Valve 012-0150	BNL Industries	A120504-2-2	N/A	* 114-62939 PO# 052696	2012	Installed	Yes
(1) 3" NPS Half Coupling	Colonial Machine Company	Heat No. 21835-1	N/A	*118-00486 PO# 055833	N/A	Installed	No
(1) Foot 3" NPS pipe	TA Chen - Salzgitter Mannesmann	Heat No. QL 902	N/A	* 114-00183 PO# 339825-177	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 3" drain connection to 30" RHESW line class HBC-091-1 via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 77 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 012-0150 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 J.H. Kramer, Site weld administrator Date March 11, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 6, 2012 to MARCH 15, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 15, 2013

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 Date March 12, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit Common
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0245201 & C0245147
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System RHR Service Water (System 012) Line No. SP- HBC-091-001F Valve 012-0151
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-688-1

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" Ball Valve 012-0151	BNL Industries	A120504-2-1	N/A	* 114-62939 PO# 052696	2012	Installed	Yes
(1) 3" NPS Half Coupling	Colonial Machine Company	Heat No. 21835-1	N/A	*118-00486 PO# 055833	N/A	Installed	No
(1) Foot 3" NPS pipe	TA Chen - Salzgitter Mannesmann	Heat No. QL 902	N/A	* 114-00183 PO# 339825-177	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 3" drain connection to 30" RHESW line class HBC-091-1 via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other L: 77 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

MEW 7/1/14
JSR 7/1/14

C0245201

W/O No. ~~C02452004~~ & C0245147
Sheet 2 of 2

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 012-0151 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 J.H. Kramer, Site weld administrator Date March 12, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 6, 2012 to MARCH 15, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 15, 2013

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 Date May 3, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248846 & C0249335
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR Service Water (System 012) Line No. HBC-507-01 Valve 012-0152
5. (a) Applicable Construction Code ASME III 1974 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)
3" Ball Valve 012-0152	BNL Industries	A080201-1-1	N/A	* 114-62939 PO# 025543	2008	Installed	Yes
(1) 3" NPS Half Coupling	Colonial Machine Company	Heat No. A080609-1	N/A	*118-00486 PO# 062026	N/A	Installed	No
(1) Foot 3" NPS pipe	Salzgitter Mannesmann Stainless	Heat No. 270035	N/A	* 114-00183 PO# 339825-581	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 3" RHRSW drain via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 79 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 10-00483.
Ball valve 012-0152 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 J.H. Kramer, Site weld administrator Date May 3, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 7, 2014 to MAY 7, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 7, 2014

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 Date May 3, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248846 & C0249336
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR Service Water (System 012) Line No. HBC-507-01 Valve 012-0153
5. (a) Applicable Construction Code ASME III 1974 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)
3" Ball Valve 012-0153	BNL Industries	A130801-1-3	N/A	* 114-62939 PO# 061800	2013	Installed	Yes
(1) 3" NPS Half Coupling	Colonial Machine Company	Heat No. A080609-1	N/A	*118-00486 PO# 062026	N/A	Installed	No
(1) Foot 3" NPS pipe	Salzgitter Mannesmann Stainless	Heat No. 270035	N/A	* 114-00183 PO# 339825-581	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 3" RHRSW drain via "Hot Tap" process.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 79 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 10-00483.
Ball valve 012-0153 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 J.H. Kramer, Site weld administrator Date May 3, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 7, 2014 to MAY 7, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MAY 7, 2014

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 Date April 24, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1205762
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR service water (System 012) Line No. HBC-507 B-Loop RHRSW
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 6N89	N/A	* 114-92566 PO# 049074	N/A	Installed	No
(112) 3/4" Flange Nuts	Nova Machine	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 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 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 3/31/12 to 3/3/12, 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.

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

Date AUGUST 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 Date March 11, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1212710
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
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	Curtis Wright Nova Machine	Heat Code 7B51	N/A	* 114-92566 PO# 052294	N/A	Installed	No
(112) 3/4" Flange Nuts	Curtis Wright Nova Machine	Heat Code 7D14	N/A	* 116-12111 PO# 180864-3684	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.

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FORM NIS-2 (BACK)

9. Remarks: Refer to Exelon condition reports 1466495 and 1465828 for replacement plan deficiencies.
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 J. H. Kramer, site weld administrator Date March 11, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 JANUARY 17, 2013 to MARCH 18, 2013, and state that to 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 14396A,N,I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 18, 2013

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 Date March 31, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248357
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR Service Water (System 012) Line No. HBC-507-01
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)
(12) 1-1/4" Flange Studs	Curtis Wright - Nova	Trace Code 7Z09	N/A	* 116-12095 PO# 180864-3830	N/A	Installed	No
(44) 1-1/4" Flange Studs	Curtis Wright - Nova	Trace Code 8W39	N/A	* 116-12095 PO# 180864-3954	N/A	Installed	No
(56) 1-1/4" Flange Nuts	Curtis Wright - Nova	Trace Code 5Z22	N/A	* 114-92653 PO# 180864-3451	N/A	Installed	No
HBC-507-H173	Exelon	N/A	N/A	N/A	N/A	Corrected	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced flange bolting and repaired pipe support on RHR service water 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

NEW 7/1/14
JSK 7/1/14

C0248357

W/O No. C248357
Sheet 2 of 2

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 J.H. Kramer (site weld administrator) Date March 31, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period AUGUST 8, 2013 to APRIL 3, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 3, 2014

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 Date May 9, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1167220
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
- 3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSIV HV-041-1F022A
5. (a) Applicable Construction Code ASME Pump & Valve Draft 1968 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) 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)
26" MSIV Stem & Pilot Poppet Assembly	Weir Valves & Controls	Pilot Poppet Heat No. 8VR9 S/N 2	N/A	* 114-64490 PO# 051793	2012	Installed	Yes
HV-041-1F022A Valve Body Seat	Atwood & Morrill	4-683	N/A	N/A	1972	Corrected	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 26" main steam isolation valve stem / pilot poppet assembly and weld repaired main seat.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1045 PSI Test Temp. 146 °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 J.H. Kramer (site weld administrator) Date May 9, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period NOVEMBER 6, 2013 to MAY 14, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 14 2014

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 Date May 2, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R0960202
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSIV HV-041-1F022D
5. (a) Applicable Construction Code ASME Pump & Valve Draft 1969 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. 8VR9 S/N 1	N/A	* 114-64490 PO# 051793	2012	Installed	Yes
26" MSIV Main Poppet	Weir Valves & Controls	Heat No. Z4266 S/N M9204-1	N/A	* 111-02080 PO# 052226	2013	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 J.H. Kramer J.H. Kramer (site weld administrator) Date May 2, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period NOVEMBER 6, 2013 to MAY 5, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date MAY 5, 2014

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 Date May 12, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1231085 & R1231493
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System: Nuclear Boiler Main Steam (System 041) Line No. APE-1MS MSRV PSV-041-1F013H
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-686-1 & N-508-3

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)
Main Steam Relief Valve PSV-041-1F013H	Target Rock	Main Body 167 Pilot 005	N/A	* 114-80948 PO# 060164 & 060166	N/A	Installed	Yes
Main Steam Relief Valve PSV-041-1F013H	Target Rock	Main Body 151 Pilot 025	N/A	* 114-80948	N/A	Removed	Yes
MSRV Main Disc, Part No. 200848-1	Target Rock	4878	N/A	* 114-76023 PO# 055079	2013	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve S/N 151 and pilot S/N 025 with previously installed and refurbished valve S/N 167 and pilot S/N 005.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 1045 PSI Test Temp. 146 °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 J.H. Kramer (site weld administrator) Date May 12, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period AUGUST 8, 2013 to MAY 15, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. Kramer
Inspector's Signature

Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date MAY 15, 2014

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 Date May 22, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1231086 & R1231493
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
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-686-1 & N-508-3

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)
Main Steam Relief Valve PSV-041-1F013N	Target Rock	Main Body 147 Pilot 024	N/A	* 114-80948 PO# 060164 & 060166	N/A	Installed	Yes
Main Steam Relief Valve PSV-041-1F013N	Target Rock	Main Body 170 Pilot 018	N/A	* 114-80948	N/A	Removed	Yes
(4) 1" Outlet Flange Nuts	Curtis Wright Nova	Heat No. M11948 Trace Code 7N35	N/A	* 116-12221 PO# 180864-3748	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced main steam relief valve S/N 170 and pilot S/N 018 with previously installed and refurbished valve S/N 147 and pilot S/N 024. Replaced (4) outlet flange nuts.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1045 PSI Test Temp. 146 °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.

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MEW 7/1/14
JSA 7/1/14

R1231086

W/O No. R1231085 & R1231493
Sheet 2 of 2

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 J.H. Kramer (site weld administrator) Date May 22, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 24, 2013 to MAY 28, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 28, 2014

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 Date November 8, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R0964227
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System Reactor Recirculation Pump (System 043) Line No. VRR-1RD Pump 1A-P201
5. (a) Applicable Construction Code ASME III 1989 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) 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)
1A-P201 Recirc Pump Mechanical Seal	Flowserve	RLSA 00086 Flowserve Job RLCA 00099	N/A	* 116-98907 PO# 90-181573	2000	Installed	Yes
1A-P201 Recirc Pump Mechanical Seal	Borg-Warner	324889 B-W Job No. 96-EP-3718	N/A	* 114-98951 PO# LS-159158	1996	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 1044 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

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 J.H. Kramer (site weld administrator) Date November 8, 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 7/20/12 to 1/23/13, and state that to 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 Cell Commissions NB 13977 A.M.I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 23 JANUARY 2013

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 Date May 1, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. C0248593
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System Reactor Recirculation Pump (System 043) Line No. VRR-1RD Pump 1B-P201
5. (a) Applicable Construction Code ASME III 1989 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) 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)
1B-P201 Recirc Pump Mechanical Seal	Borg-Warner	311085 B-W Job No. 94-EP-3751	N/A	* 114-98951 PO# LS-696633	1994	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. 146 °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

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 J.H. Kramer (site weld administrator) Date May 1, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 29, 2013 to MAY 2, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2, 2014

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 Date November 8, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1224130
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
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) 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)
1B-P201 Recirc Pump Mechanical Seal	Borg-Warner	311084 B-W Job No. 94-EP-3750	N/A	* 114-98951 PO# LS-696633	1994	Installed	Yes
1B-P201 Recirc Pump Mechanical Seal	Borg-Warner	321099 B-W Job No. 95-EP-3224	N/A	* 114-98951 PO# LS-600125	1996	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 1044 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

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 J.H. Kramer (site weld administrator) Date November 8, 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 7/20/12 to 1/23/12, 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.

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

Date 23 JANUARY 2013

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 Date May 14, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248051-05
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Reactor Recirculation (System 043) Line No. SP-HBC-191-E4
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)
SP-HBC-191-E4 Hanger H-1 Pipe Lugs	RUUKKI	Heat No. 53248 Cut Code C13264	N/A	* 114-37781 PO# 061670	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced pipe lugs on 2" reactor recirculation pump motor cooling water pipe
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.

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MEW 7/1/2014
JSA 7/1/2014

CO248051-05

W/O No. 00249213-05
Sheet 2 of 2

FORM NIS-2 (BACK)

9. Remarks Replacement completed in accordance with Exelon design change ECR 09-00504 and Issue Report 1362682.
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 J.H. Kramer, Site weld administrator Date May 14, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 8, 2014 to MAY 16, 2014, and state that to 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.

JSA Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 16, 2014

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 Date May 6, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248797-58
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Water Clean-Up (System 044) Line No. DBB-105-01 Valve 044-1064
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)
4" RWCU Check Valve 044-1064	Velan Valve	836341	N/A	N/A	1983	Corrected	Yes

* Traceability per Exelon stock code number.

7. Description of work: Removed arc strike on 4" RWCU check 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, N.J. 07007-2300

MEW 7/1/14
JSC 7/1/14

CO248797-58

W/O No. ~~6248797-58~~
Sheet 2 of 2

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 J.H. Kramer (site weld administrator) Date May 6, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MAY 8, 2014 to MAY 8, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 8, 2014

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 Date June 30, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0220862
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Water Clean-Up (System 044) Line No. DCA-101-01 Valve HV-044-1F105
5. (a) Applicable Construction Code ASME III 1981 Edition, summer 1981 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" RWCU Globe Valve disc	Flowserve	218815 - 1	N/A	* 114-62085 PO 257797-554	2008	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 6" RWCU valve disc.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1045 psi Test Temp. 146 °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

MEW 7/1/14
JSZ 7/1/14

C0220862

W/O No-~~C220862~~
Sheet 2 of 2

FORM NIS-2 (BACK)

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

Refer to Exelon corrective action IR 1665984 for lost work package documentation records.

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 J.H. Kramer (site weld administrator) Date June 30, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of

Hartford, Connecticut have inspected the components described in this Owner's Report during the period DECEMBER 18, 2007 to JUNE 30, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 30, 2014

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 Date May 6, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248797
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
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-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)
(5) Feet of 4" NPS Pipe	TMK IPSCO	Heat No. 574171	N/A	* 114-90066 PO 061970	N/A	Installed	No
(1) 4" NPS Pipe Tee	Taylor Forge	Heat Code NLZC-1	N/A	* 114-91533 PO 061970	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 4" RWCU piping for flow accelerated erosion
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, 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 J.H. Kramer (site weld administrator) Date May 6, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to MAY 8, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 8, 2014

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 Date May 6, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0248797-61
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Water Clean-Up (System 044) Line No. DBB-112-H001
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 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)
DBB-112-H001 Pipe Support Strut (2) Load Pins	Bergen Paterson	Part No. 3-1007-004F	N/A	* 114-92888 PO# 386535 Release 1	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced end bracket load pins in 4" pipe support strut.
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

MEW 7/1/14
392 7111"

C0248797-61
W/O No. C248797-61
Sheet 2 of 2

FORM NIS-2 (BACK)

9. Remarks Material transferred from Bechtel Construction Co. to Philadelphia Electric Co. on Transfer Request No. OP 20946.
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 J.H. Kramer (site weld administrator) Date May 6, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MAY 8, 2014 to MAY 8, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 8, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19484 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No., Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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. 10-5299-10-11 ISS 7/11/14
MEW 7/11/14
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S73 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.	A6889	N/A	N/A	1985	INSTALLED	YES
(8) CAP SCREWS	NOVA	K4884	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 10-11. WORK ORDER R1227626.
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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. 10-5299-10-23 ~~40-289-40-23~~ *MEW 7/1/2014*
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, NONE Code Case 1361
(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.	7738	N/A	N/A	1977	INSTALLED	YES
(8) CAP SCREWS	NOVA	K4884	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 10-23. WORK ORDER R1227626.

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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
- 3146 Sanatoga Road, Pottstown, PA 19464 Work Order R12227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-10-39
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 Code Case N207 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.	A8919	N/A	N/A	1991	INSTALLED	YES
(8) CAP SCREWS	NOVA	K4884	N/A	N/A	2013	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 10-39. WORK ORDER R12227628.
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014 and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

(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 Co., LLC Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-18-27
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.	6616	N/A	N/A	1975	INSTALLED	YES
(6) CAP SCREWS	NOVA	K4884	N/A	N/A	2013	INSTALLED	NO
(2) CAP SCREWS	NOVA	1P05	N/A	N/A	2009	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 18-27. WORK ORDER R1227626
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

(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 Co., LLC Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R12227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-18-59
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S'73 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	A6937	N/A	N/A	1985	INSTALLED	YES
(8) CAP SCREWS	NOVA	1P05	N/A	N/A	2009	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. 154 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 8 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 18-59. WORK ORDER R1227626.
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date May 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-22-23
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.	A8855	N/A	N/A	1990	INSTALLED	YES
(8) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 22-23, WORK ORDER R1227626.
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-51
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 Code Case N207 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.	A9113	N/A	N/A	1991	INSTALLED	YES
(8) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 22-51. WORK ORDER R1227626
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 [Signature] Date May 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

(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 Co., LLC Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-31
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S'73 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.	A6958	N/A	N/A	1985	INSTALLED	YES
(B) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	INSTALLED	NO

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psl Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 26-31. WORK ORDER R1227626.
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626 CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-26-59
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case N207 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.	A8912	N/A	N/A	1991	INSTALLED	YES
(7) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	INSTALLED	NO
(1) CAP SCREW	NOVA	1P05	N/A	N/A	2009	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 26-59. WORK ORDER R1227626
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5 2014

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 Date MAY 19, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227628, CRD EXCHANGE FOR 1R15
Address _____ Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address _____
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-30-47
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W'75 Code Case N207 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.	A9124	N/A	N/A	1991	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 30-47, WORK ORDER R1227626
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 19, 2014
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 R1227626, CRD EXCHANGE FOR 1R15
 Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Name Type Code Symbol Stamp N/A
200 Exelon Way, Kennett Square, PA 19348 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-34-07
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.	7153	N/A	N/A	1988	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W87	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 34-07. WORK ORDER R1227626.
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227828, CRD EXCHANGE FOR 1R15,
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-38-35
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S73 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.	A6402	N/A	N/A	1985	INSTALLED	YES
(8) CAPS SCREWS	NOVA	8W87	N/A	N/A	2013	INSTALLED	NO

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psl Test Temp. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 38-35, WORK ORDER R1227626.
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period August 14, 2013 to JUNE 5, 2014, and state that to 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 14398 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-38-43
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S'73 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.	A6960	N/A	N/A	1985	INSTALLED	YES
(4) CAP SCREWS	NOVA	8W87	N/A	N/A	2013	INSTALLED	NO
(3) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	INSTALLED	NO
(1)CAP SCREW	NOVA	3F28	N/A	N/A	2010	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 38-43, WORK ORDER R1227626
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-38-47
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, S75 Code Case 1381-1
(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.	9402	N/A	N/A	1977	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 38-47, WORK ORDER R1227626
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 [Signature] Date May 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227628, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-15
5. (a) Applicable Construction Code ASME III Edition, 1971 Addenda, S73 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.	A6899	N/A	N/A	1985	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 42-15, WORK ORDER R1227626.
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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19484 Work Order R1227628, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-51
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, NONE Code Case 1361
(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.	7409	N/A	N/A	1978	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 42-51. WORK ORDER R1227626
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 [Signature] Date May 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period NOVEMBER 25, 2013 to JUNE 5, 2014 and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-50-11
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.	7021	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CPD 50-11. WORK ORDER R1227626.
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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.

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[Signature] Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5 2014

(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 Co., LLC Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Saratoga Road, Pottstown, PA 19464 Work Order R1227626, CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-50-27
5. (a) Applicable Construction Code ASME III Edition, 1968 Addenda, W/89 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.	6238	N/A	N/A	1988	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 50-27. WORK ORDER R1227626
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25 2013 to JUNE 5 2014, and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5 2014

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 Date MAY 12, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626, CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-50-43
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.	6769	N/A	N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A	N/A	2013	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. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 50-43, WORK ORDER R1227626
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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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.

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[Signature] Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626 CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-26-31
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	SE0229	G.E.	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 26-31, # A6958
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 26-31.R1227626.

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 [Signature] Date MAY 28, 2014

Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 30, 2013 to JUNE 5, 2014, and state that to 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 14398 ANI
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626 CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-18-27
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	G.E.	SE0232	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY, INSTALLED IN CRD LOCATION 18-27. SERIAL # 6616

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

(1)
FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY IN STALLED IN CRD LOCATION 18-27.
R1227628

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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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.

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[Signature] Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit _____
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-59
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	G.E.	SE0251	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 26-59, SERIAL # A8912
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 26-59, R1227626.

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 [Signature] Date MAY 28 2014
Owner or Owner's Designee Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 30 2013 to JUNE 5, 2014, and state that to 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.

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[Signature] Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-34-07
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	G.E.	SE0267	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 34-07, SERIAL # 7153
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 34-07. R1127626.

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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 30, 2013 to JUNE 5, 2014, and state that to 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.

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[Signature] Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 20 14

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-50-11
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)
PISTON TUBE ASSEMBLY	G.E.	SE0268	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 50-11, SERIAL # 7021
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 50-11, R1227626.

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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 30, 2013 to JUNE 5, 2014 and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3148 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R15
Address Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name Authorization No. N/A
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-51
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	G.E.	SE0280	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 42-51, SERIAL # 7409

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 42-51. R1227626.

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 [Signature] Date MAY 28 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 30, 2013 to JUNE 5, 2014 and state that to 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 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5 2014

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 Date MAY 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order R1227626 CRD EXCHANGE FOR 1R15
Repair/Replacement Organization P.O. No., Job No. Etc.
3. Work Performed by Exelon Generation Co., LLC Type Code Symbol Stamp N/A
Name 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-S299-22-23
5. (a) Applicable Construction Code ASME III Edition, 1974 Addenda, W75 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)
PISTON TUBE ASSEMBLY	G.E.	SE0281	N/A	N/A	2013	INSTALLED	YES

7. Description of Work: PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 22-23, SERIAL # A8855
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1051 psi Test Temp. 154 °F.

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

FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 22-23 R1227626.

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 [Signature] Date MAY 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB GLOBAL STANDARD of Hartford, CT have inspected the components described in this Owner's Report during the period OCTOBER 25, 2013 to JUNE 5, 2014, and state that to 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 14398 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

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 Date January 23, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order # C0249492
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name 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 Pump 1B-P208
5. (a) Applicable Construction Code ASME III 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 with addenda through 2003
(c) Applicable Section XI Code Case(s) 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)
(3) Pump stuffing box glands	Union Pump	N/A	N/A	* 114-76629 PO# LS 157393	N/A	Installed	No

* Traceability per Exelon part code number.

7. Description of Work Replaced (3) SBLC pump stuffing box glands

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 1260 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

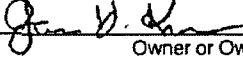
FORM NIS-2 (BACK)

9. Remarks: Refer to Exelon condition report 1610399 for repair / replacement plan deficiency.
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 23, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JANUARY 31, 2014 to JANUARY 31, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JANUARY 31, 2014

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 Date September 23, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order # R1080674
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. None
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date None
Address
4. Identification of System Stand By Liquid Control (System 048) Line No. ECB-114 Valve XV-048-1F004A
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 with addenda through 2003
(c) Applicable Section XI Code Case(s) 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)
Explosive Valve Trigger Body	Mirion Technologies (Conax Nuclear)	8369	8369	* 114-77023 PO# 052654	2012	Installed	Yes
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	8371	8371	* 114-77023 PO# 052654	2012	Installed	Yes
Explosive Valve Trigger Body	Mirion Technologies (Conax Nuclear)	7982	7775	N/A	N/A	Removed	Yes
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	7984	7777	N/A	N/A	Removed	Yes

* Traceability per Exelon part code number.

7. Description of Work Replaced explosive valve trigger body and inlet fitting.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other _____ Pressure 1250 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 J.H. Kramer, site weld administrator Date September 23, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 August 26, 2013 to October 18, 2013 and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date OCTOBER 18 2013

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 Date April 18, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address Work Order # R1099490
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name 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 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 with addenda through 2003
(c) Applicable Section XI Code Case(s) 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)
Explosive Valve Trigger Body	Mirion Technologies (Conax Nuclear)	8370	8370	* 114-77023 PO# 052654	2012	Installed	Yes
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	8372	8372	* 114-77023 PO# 052654	2012	Installed	Yes
Explosive Valve Trigger Body	Mirion Technologies (Conax Nuclear)	8204	8204	N/A	N/A	Removed	Yes
Explosive Valve Inlet Fitting	Mirion Technologies (Conax Nuclear)	8206	8206	N/A	N/A	Removed	Yes

* Traceability per Exelon part code number.

7. Description of Work Replaced explosive valve trigger body and inlet fitting.

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.

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

Inlet fitting and trigger body are constructed in accordance with ASME III, 1977 edition with addenda through summer 1977.

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 J.H. Kramer, site weld administrator Date April 18, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 28, 2013 to APRIL 18, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. Kramer
Inspector's Signature Commissions 14396 A, N, I PA 3045
National Board, State, Province, and Endorsements

Date APRIL 18, 2014

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 Date May 10, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0252110
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Core Isolation Coolant (System 049) Line No. DBA-107 Valve HV-049-1F008
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)
3" NPS Globe Valve Disc	Flowserve	M8257-1 S/N 1	N/A	* 114-07833 PO# 052143	2012	Installed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" NPS 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, 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 J.H. Kramer, Site weld administrator Date May 10, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MARCH 26, 2014 to MAY 12, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 12, 2014

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 Date April 28, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0249213
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Core Isolation Coolant (System 049) Line No. EBB-135-01 Valve 049-1F014
5. (a) Applicable Construction Code ASME Pump & Valve Draft 1968 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)
6" NPS Check Valve Disc	Flowserve	93185-1	N/A	* 114-86325 PO# 257797-533	2007	Installed	Yes
6" NPS Check Valve Hinge Pin	Flowserve	Trace Code 24470-2	N/A	* 114-86329 PO# 257797-526	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 6" NPS check valve disc and hinge pin.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 1440 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

Disc material and hinge pin material meet ASME III, 1986 edition requirements.

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 J.H. Kramer, Site weld administrator Date April 28, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period SEPTEMBER 4, 2013 to MAY 2, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 2, 2014

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 Date May 19, 2014
Name

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

2. Plant Limerick Generating Station Unit 1
Name

3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0242448
Address Repair Organization P.O. No., Job No. etc.

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

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

4. Identification of System Reactor Core Isolation Coolant (System 049) Line No. HBB-145 Valve HV-049-1F080

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)
3" Gate Valve HV-049-1F080	Flowserve	BO 735	N/A	* 114-26314 PO# 060560	2013	Installed	Yes
3" Gate Valve HV-049-1F080	Flowserve	AW 143	N/A	N/A	2004	Removed	Yes
HV-049-1F080 1/2" NPT Pipe Plug	Colonial Machine	Heat Code AFV	N/A	* 111-02702 PO# 165148	N/A	Installed	No
(1) Foot 3" NPS Pipe	United States Steel	Heat No. H44932	N/A	* 114-90060 PO# 009825-4233	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" NPS RCIC motor operated gate valve and adjacent pipe. Replaced valve packing leakoff plug with ASME material and seal welded.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 958 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

Valve HV-049-1F080 constructed in accordance with ASME III, 1971 edition with addenda through summer 1971.

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 J.H. Kramer, Site weld administrator Date May 19, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER 24, 2013 to MAY 20, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 20, 2014

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 Date May 19, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0242449
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Reactor Core Isolation Coolant (System 049) Line No. HBB-145 Valve HV-049-1F084
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)
3" Gate Valve HV-049-1F084	Flowserve	BO 750	N/A	* 114-26314 PO# 060560	2014	Installed	Yes
3" Gate Valve HV-049-1F084	Anchor Darling	2N 986	N/A	N/A	1977	Removed	Yes

* Traceability per Exelon stock code number.

7. Description of work: Replaced 3" NPS RCIC motor operated gate valve.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 958 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

Valve HV-049-1F084 constructed in accordance with ASME III, 1971 edition with addenda through summer 1971.

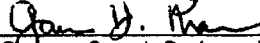
Work completed in accordance with Exelon design change ECR 13-00527.

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, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period NOVEMBER 25, 2013 to MAY 20, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 20, 2014

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 Date May 6, 2014
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248797-41
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
 Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
 Address
4. Identification of System Reactor Core Isolation Coolant (System 049) Line No. SP-EBB-136-E002
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)
(1) Foot of 2" NPS Pipe	Michigan Seamless Tube	Heat No. 00A083057	N/A	* 114-90039 PO# 051309	N/A	Installed	No
(1) 2" NPS Pipe Coupling	Colonial Machine	Heat No. A043023-2	N/A	* 114-90800 PO# 066833	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 2" RCIC piping for FAC pipe interference removal & installation
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other 1200 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: Existing pipe support SP-EBB-136-E02-H001 was removed and re-installed.
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 J.H. Kramer, Site weld administrator Date May 6, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MARCH 24, 2014 to MAY 8, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 8, 2014

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 Date May 17, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0250867
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System RHR Service Water (System 012 & 051) Line No. SP-HBC-183-001E Valve 051-1072B
5. (a) Applicable Construction Code ASME III 1974 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 051-1072B	BNL Industries	A130804-1-4	N/A	* 114-63218 PO# 062025	2013	Installed	Yes
(1) 2" NPS Half Coupling	Colonial Machine Company	Heat No. A080612-1	N/A	* 114-92683 PO# 038863	N/A	Installed	No
(1) Foot 2" NPS pipe	Sandvik PEXCO	Heat No. 521756	N/A	* 114-90030 PO# 042094	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Installed a 2" RHRSW drain via "Hot Tap" process.
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, 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 14-00031.

Ball valve 051-1072B 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 J.H. Kramer, Site weld administrator Date May 17, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MARCH 4, 2014 to MAY 19, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

J. H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 19, 2014

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 Date July 31, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R1012717
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System: Core Spray (System 052) Line No. SP-GBB-113-03E PSV-052-1F012A
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)
PSV-052-1F012A	Anderson Greenwood Crosby	N99912-01-0005	N/A	* 114-58584 PO 181365-245	2009	Installed	Yes
PSV-052-1F012A	Lonergan Valve	133975-9-1	N/A	* 114-77944	N/A	Removed	Yes
GBB-113-03E piece # 21 Reducing Insert	Bonney Forge	Lot No. 9572	N/A	* 114-93829 PO 043194	N/A	Installed	No
GBB-113-03E piece # 20 RF Flange	Western Forge & Flange	Heat No. A093122	N/A	* 114-90662	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced core spray relief valve
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 270 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.
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 J.H. Kramer (site weld administrator) Date July 31, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 13, 2011 to AUGUST 1, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date AUGUST 1, 2013

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 Date July 27, 2012
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. C0238747
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address _____
4. Identification of System: Core Spray (System 052) Line No. SP-GBB-112-03E PSV-052-1F012B
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) 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)
PSV-052-1F012B	Anderson Greenwood Crosby	N99912-01-0004	N/A	N/A	N/A	Removed	Yes
GBB-112-03E piece # 31 Reducing Insert	Colonial Machine	Heat No. D71579-3 Heat Code CMC	N/A	* 114-93870 PO 049291	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 2" relief valve with a size exempt 3/4" valve
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 260 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 : Valve replacement completed in accordance with Exelon design change ECR 11-00091.
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 J.H. Kramer (site weld administrator) Date July 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 3/24/12 to 10/2/12, 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.

M. J. Cell Commissions NB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements
Date 2 OCTOBER 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 Date July 6, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R0937525
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System: Core Spray (System 052) Line No. SP-HBB-120-05F PSV-052-1F032B
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)
PSV-052-1F032B	Anderson Greenwood Crosby	N95709-00-0011	N/A	* 114-18171 PO# 181365-257	2010	Installed	Yes
PSV-052-1F032B	Anderson Greenwood Crosby	N95709-00-0001	N/A	N/A	N/A	Removed	Yes
SP-HBB-120-05F piece # 16 2" NPS pipe	Michigan Seamless Tube	Heat No. 1M35684	N/A	* 114-90045 PO# 009825-2258	N/A	Installed	No
SP-HBB-120-05F piece # 17 2" NPS flange	Western Forge & Flange	Heat No. A090309 WFI Code FVV-A-3	N/A	* 114-90527 PO# 009825-4470	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 2" relief valve and adjacent inlet piping.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 22.67 Feet Water Head Test Temp. 84 °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 serial number N95709-00-0011 was manufactured to ASME III, 1974 edition with addenda through summer 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 J.H. Kramer (site weld administrator) Date July 6, 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 5/31/12 to 7/31/12, 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 J. Cell Commissions NB 13977 A, N, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date JULY 31 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 Date April 16, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1167483
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System HPCI & HPCI Turbine (System 055 and 056) Line No. HBB-113 PSE-056-1D003
5. (a) Applicable Construction Code ASME III 1974 Edition, summer 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)
PSE-056-1D003 Rupture Disc and Vacuum support	Continental Disc	8235783A	N/A	* 114-34521 PO# 060666	2013	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced HPCI turbine exhaust inboard rupture disc and vacuum support holder.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 970 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 J.H. Kramer (site weld administrator) Date April 16, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JUNE 14, 2013 to APRIL 17, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 17, 2014

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 Date April 16, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1167484
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System HPCI & HPCI Turbine (System 055 and 056) Line No. HBB-113 PSE-056-1D004
5. (a) Applicable Construction Code ASME III 1974 Edition, summer 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)
PSE-056-1D004 Rupture Disc and Vacuum support	Continental Disc	8235783A	N/A	* 114-34521 PO# 060666	2013	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced HPCI 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: 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 J.H. Kramer (site weld administrator) Date April 16, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JUNE 14, 2013 to APRIL 17, 2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. H. Kramer Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 17, 2014

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 Date April 10, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1005218
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Containment Atmosphere (System 057) Line No. SP-HCB-129-F001 Valve SV-057-101
5. (a) Applicable Construction Code ASME III 1974 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/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)
2" NPS Valve SV-057-101	Target Rock	Model 05Z541-001 S/N 1	N/A	* 114-58478 PO# 204066-119	2006	Installed	Yes
2" NPS Valve SV-057-101	Target Rock	Model 75EE-004 S/N 3	N/A	N/A	1978	Removed	Yes
2" X 3/4" NPS Reducing Insert	Colonial Machine Company	Heat No. E41200-1	N/A	*114-93893 PO# 009825-2155	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced 2" NPS containment atmosphere solenoid globe valve
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 44 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.

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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 05-00549.

Solenoid valve HV-057-101 was constructed in accordance with ASME III, 1974 edition, winter 1975 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 J.H. Kramer, Site weld administrator Date April 10, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period SEPTEMBER 27, 2009 to APRIL 10, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 10, 2014

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 Date June 14, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit Common
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1102985
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Control Enclosure Chilled Water (System 090) Line No. HBC-138 0A-K112
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)
0A-K112 Chiller Condenser	Carrier	700163	128543	N/A	N/A	Corrected	Yes

* Traceability per Exelon stock code number.

7. Description of work: Repaired chiller condenser water box by welding.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other: 90 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 J.H. Kramer, site weld administrator Date June 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 4/6/12 to 8/10/12, 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.

Matt Cull Commissions NB 13977 A, N, T PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date AUGUST 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 Date April 11, 2013
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit Common
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0237152
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Control Enclosure Chilled Water (System 090) Line No. HBC-138 0A-K112
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)
0A-K112 Chiller Condenser	Carrier	700163	128543	N/A	N/A	Corrected	Yes

7. Description of work: Repaired chiller condenser water box heads, flanges and channel by welding.
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, 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 J.H. Kramer, site weld administrator Date April 11, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MARCH 21, 2012 to APRIL 30, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 30, 2013

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 Date August 2, 2012
 Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit Common
 Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1195326
 Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
 Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
 Address _____
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) 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)
0B-K112 Condenser Water Box / Channel	Carrier	700165	128542	N/A	1975	Corrected	Yes

* Traceability per Exelon stock code number.

7. Description of work: Repaired east end main control room condenser water box by weld build-up.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other 90 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 J.H. Kramer, site weld administrator Date August 2, 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 5/18/12 to 1/24/13, and state that to 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.

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

Date 24 JANUARY 2013

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 Date March 13, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Address Work orders # C0245275 & C0227988
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name 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-LUBE 1A-P535
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) 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)
1A-P535 Lube Oil Circulating Pump	Colt Industries	1401192	N/A	* 114-79615	N/A	Installed	No
1A-P535 Lube Oil Circulating Pump	Colt Industries	1401190	N/A	* 114-79615	N/A	Removed	No

* Traceability per Exelon part code number and manufacturer's serial number.

7. Description of Work : Replaced emergency diesel generator lube oil circulation pump.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 6 inches oil (Head pressure) 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.

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FORM NIS-2 (BACK)

9. Remarks: Lube Oil pump S/N 1401192 was removed from 2B-P535 location and rebuilt under Exelon work order C0227988
Applicable Manufacturer's Data Reports to be attached
in 2009. No pressure boundary parts were repaired or replaced.

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 J.H. Kramer, site Weld Administrator Date March 13, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 JANUARY 28, 2013 to APRIL 18, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 18, 2013

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 Date March 1, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0245177
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1A-G501-DR Starting Air Valve 092-1302A
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1302A	Fairbanks Morse Engine	R115879	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 250 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date March 1, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 JANUARY 28, 2013 to APRIL 07, 2013, and state that to 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 14396A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 17, 2013

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 Date March 1, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0245172
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1A-G501-DR Starting Air Valve 092-1303A
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1303A	Fairbanks Morse Engine	R115877	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 250 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 18.
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 J.H. Kramer (site weld administrator) Date March 1, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 JANUARY 28, 2013 to APRIL 17, 2013, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396 A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 17, 2013

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 Date July 31, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. R1203378
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1B-G501-DR Combustion Air
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-688-1

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)
1B-G501-DR Exhaust Manifold Assembly	Fairbanks Morse Engine	Part No. C225AFBBC	N/A	* 114-35971 PO# 167610-1132	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine exhaust manifold in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 1.8 inch water 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 J.H. Kramer (site weld administrator) Date July 31, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 MAY 10, 2013 to AUGUST 1, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date AUGUST 1, 2013

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 Date August 22, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0245770
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1B-G501-DR Starting Air Valve 092-1302B
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1302B	Fairbanks Morse Engine	R115878	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other : 240 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date August 22, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 August 22, 2013 to August 26, 2013, and state that to 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 14396 A.N.I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date August 26, 2013

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 Date August 22, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0245769
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1B-G501-DR Starting Air Valve 092-1303B
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1303B	Fairbanks Morse Engine	R115881	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 240 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

MEW 7/1/14

574 7/1/14

C0245769

W/O No. - ~~C024769~~
Sheet 2 of 2

FORM NIS-2 (BACK)

9. Remarks: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date August 22, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 August 22, 2013 to August 26, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date August 26, 2013

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 Date February 26, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown PA 19464 Work orders # C0245629 & C0221658
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A
Address
4. Identification of System : Emergency Diesel Generator (System-092) Line No. 1CG-JW 1C-P530
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) 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)
1C-P530 Jacket Water Circulating Pump	Colt Industries	386340	N/A	* 114-02451	N/A	Installed	No
1C-P530 Jacket Water Circulating Pump	Colt Industries	386337	N/A	* 114-02451	N/A	Removed	No
(2) Feet of 2 inch NPS Pipe	Michigan Seamless Tube	Heat No. 00A092767	N/A	* 114-90045	N/A	Installed	No

* Traceability per Exelon part code number and manufacturer's serial number.

7. Description of Work : Replaced emergency diesel generator jacket water circulation pump.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 12 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.

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FORM NIS-2 (BACK)

9. Remarks: Jacket water pump S/N 386340 was removed from 2B-P530 location and rebuilt under Exelon work order C0221658
Applicable Manufacturer's Data Reports to be attached
in 2007. No pressure boundary parts were repaired or replaced.

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 J.H. Kramer, site Weld Administrator Date February 26, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 10, 2012 to MARCH 12, 2013, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 12, 2013

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 Date January 19, 2013
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0244994
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1C-G501-DR Starting Air Valve 092-1302C
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1302C	Fairbanks Morse Engine	R115882	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 230 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date January 19, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 10, 2012 to MARCH 13, 2013, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 13, 202013

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 Date January 19, 2013
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0244993
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
 Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
 Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1C-G501-DR Starting Air Valve 092-1303C
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1303C	Fairbanks Morse Engine	R115883	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other: 230 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date January 19, 2013
Owner or Owner's Designee, Title

CERTIFICATE 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 DECEMBER 6, 2012 to MARCH 13, 2013, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.H. Kramer Commissions 14396A,N,I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date MARCH 13, 2013

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 Date November 8, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0243523 & C0245440
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1D-G501-DR Combustion Air
5. (a) Applicable Construction Code Manufacturers Standard 19 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-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)
1D1V909 Turbocharger	Fairbanks Morse Engine	027635 / 4072	N/A	* 114-81858 PO# 055796	N/A	Installed	No
1D1V909 Turbocharger	Fairbanks Morse Engine	107527-L4PA	N/A	Cat# 22601509-2 Type 720-D7	N/A	Removed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine turbocharger in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other : 6.6 inches water psi Test Temp. 540 °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 J.H. Kramer (site weld administrator) Date November 8, 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 1/24/13, and state that to 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.

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

Date 24 JANUARY 2013

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 Date November 8, 2012
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0243453 & C0245440
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
 Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
 Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1D-G501-DR Combustion Air
5. (a) Applicable Construction Code Manufacturers Standard 19 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-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)
1D2V909 Turbocharger	Fairbanks Morse Engine	017624 / 4073	N/A	* 114-81651 PO# 055796	N/A	Installed	No
1D2V909 Turbocharger	Fairbanks Morse Engine	117515-L4PA	N/A	Cat# 22601510-2 Type 720-D7	N/A	Removed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine turbocharger in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other : 6.6 inches water psi Test Temp. 540 °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 J.H. Kramer (site weld administrator) Date November 8, 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 10/18/12 to 1/24/13, and state that to 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 Zell Commissions NB 13977 A, M, I PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 JANUARY 2013

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 Date November 14, 2012
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0244419 & C0245512
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1D-G501-DR Starting Air Valve 092-1302D
5. (a) Applicable Construction Code Manufacturers Standard 19 N/A 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-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)
Flex Flow Valve 092-1302D	Fairbanks Morse Engine	R108219	N/A	* 116-08607 PO# 167610-880	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 230 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
Applicable Manufacturer's Data Reports to be attached

Pressure testing completed under Issue Report 1439325 and work order C0245512.

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 J.H. Kramer (site weld administrator) Date November 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 10/18/12 to 1/25/13, and state that to 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 Hill Commissions MB 13977 A, N, E PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 JANUARY 2013

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 Date November 12, 2012
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 Work Order No. C0244399
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp None
Name _____ Authorization No. Not applicable
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable
Address _____
4. Identification of System Emergency Diesel Generator (System 092) Line No. 1D-G501-DR Starting Air Valve 092-1303D
5. (a) Applicable Construction Code Manufacturers Standard 19 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-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)
Flex Flow Valve 092-1303D	Fairbanks Morse Engine	R108218	N/A	* 116-08607 PO# 167610-880	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No

* Traceability per Exelon stock code number.

7. Description of work: Replaced commercial grade diesel generator engine air start valve in-kind.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other 240 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: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16.
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 J.H. Kramer (site weld administrator) Date November 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 10/8/12 to 1/24/13, and state that to 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.

M. J. Cell Commissions NB 13977 A, N, F PA 3020
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 JANUARY 2013

#1

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 Date April 24, 2014
 Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
 Address _____
2. Plant Limerick Generating Station Unit 1
 Name _____
3146 Sanatoga Road, Pottstown, PA 19464 A1877682
 Address _____ Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
 Address _____
4. Identification of System Snubbers (System 103) Line No. _____
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

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-101-E3-H001 Hydraulic Snubber	Lisega	9761368/118 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-118-J5-H005 Hydraulic Snubber	Lisega	9761368/178 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-128-J5-H002 Hydraulic Snubber	Lisega	31300769/036 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-134-J2-H008 Hydraulic Snubber	Lisega	31300330/042 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-175-E1-H005 Hydraulic Snubber	Lisega	31300330/039 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No

* 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.

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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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A1877682
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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-184-E2-H006 Hydraulic Snubber	Lisega	9761368/90 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-192-J1-H006 Hydraulic Snubber	Lisega	9761368/137 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-193-J1-H002 Hydraulic Snubber	Lisega	9761368/73 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCC-101-H021(A) Hydraulic Snubber	Lisega	9761368/129 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCC-103-H041(B) Hydraulic Snubber	Lisega	9761385/18 Lisega3018-2	N/A	* 114-59383 PO# 061010	N/A	Installed	No
ECB-114-E2-H005 Hydraulic Snubber	Lisega	9761368/136 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
GBB-126-E9-H004 Hydraulic Snubber	Lisega	31200813/010 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Edna Polay* Date April, 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period AUGUST 12, 2013 to JUNE 19, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 19, 2014

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 Date April 24, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown, PA 19464 A1877675/A1877681 /A1877682/A1882355
Address _____ Repair Organization P.O. No., Job No. etc. _____
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
- 3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Snubbers (System 103) Line No. _____
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
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-1HC-E63-H011 Mechanical Snubber	Basic-PSA	44116 PSA-1/4	N/A	* 114-7 2846 PO#062580	N/A	Installed	No
STG-1HC-E58-H008(B) Mechanical Snubber	Basic-PSA	43928 PSA-1/4	N/A	* 114-72846 PO# 062580	N/A	Installed	No
STG-1HC-E3-H010 Mechanical Snubber	Basic-PSA	44692 PSA-1/4	N/A	* 114-72846 PO# 062580	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical 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.

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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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address

2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A1877675/A1877681 /A1877682/A1882355
Address Repair Organization P.O. No., Job No. etc.

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

4. Identification of System Snubbers (System 103) Line No. _____

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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
VRR-1RD-H007 Mechanical Snubber	Basic-PSA	45249 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
DCA-319-H002 Mechanical Snubber	Basic-PSA	45368 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
STG-1MS-H002 Mechanical Snubber	Basic-PSA	45229 PSA-35	N/A	* 114-72849 PO# 050829	N/A	Installed	No
DCA-318-H004 Mechanical Snubber	Basic-PSA	45261 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Peter Polay* Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period MARCH 6, 2014 to JUNE 19, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 19, 2014

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 Date April 24, 2014
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 A/R A1877675 / A1877682
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
 Address
4. Identification of System Snubbers (System 103) Line No. _____
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

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-101-H047 Mechanical Snubber	Basic-PSA	45182 PSA-3	N/A	* 114-72867 PO# 052141	N/A	Installed	No
DLA-107-H014 Mechanical Snubber	Basic-PSA	45247 PSA-35	N/A	* 114-7 2849 PO# 062644	N/A	Installed	No
EBB-106-H010(B) Mechanical Snubber	Basic-PSA	45646 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Installed	No
GBC-101-H153 Mechanical Snubber	Basic-PSA	45252 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
HBB-119-H015(A) Mechanical Snubber	Basic-PSA	45195 PSA-3	N/A	* 114-72867 PO# 054850	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical 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.

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A/R A1877675 / A1877682
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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
HCC-101-H038 Mechanical Snubber	Basic-PSA	45562 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
VRR-1RP-H003 Mechanical Snubber	Basic-PSA	45667 PSA-100	N/A	* 114-72868 PO#062531	N/A	Installed	No
EBD-108-E2-H017 Mechanical Snubber	Basic-PSA	45679 PSA-1/2	N/A	* 114-72847 PO# 062580	N/A	Installed	No
GBB-102-H020 Mechanical Snubber	Basic-PSA	45643 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Installed	No
GBB-118-H029 Mechanical Snubber	Basic-PSA	45641 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Installed	No
HCC-104-H032 Mechanical Snubber	Basic-PSA	45294 PSA-10	N/A	* 114-72887 PO# 051681	N/A	Installed	No
JBD-202-H048(B) Mechanical Snubber	Basic-PSA	45196 PSA-3	N/A	* 114-72867 PO# 052141	N/A	Installed	No
JBD-361-H019 Mechanical Snubber	Basic-PSA	45637 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Installed	No

* Traceability per Exelon stock code number

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 Pedro Polanco Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JULY 31, 2013 to JUNE 19, 2014 and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 19, 2014

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 Date April 24, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address _____

2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 A1877682/ A1877676
Address _____ Repair Organization P.O. No., Job No. etc.

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

4. Identification of System Snubbers (System 103) Line No. _____

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

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
HBB-124-H037 Hydraulic Snubber	Lisega	9761368/143 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
HBB-140-E1-H011 Hydraulic Snubber	Lisega	31200813/032 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
HBB-143-E13-H002 Hydraulic Snubber	Lisega	9761385/09 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
HCC-105-H023(A) Hydraulic Snubber	Lisega	9761368/96 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
HCD-108-H013(B) Hydraulic Snubber	Lisega	9761368/128 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

* 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.

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A1877682/ A1877676
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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
JCD-111-E52-H009 Hydraulic Snubber	Lisega	9761368/125 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
SBD-143-E1-H005 Hydraulic Snubber	Lisega	0261551/095 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
DCA-105-H017 Hydraulic Snubber	Lisega	30900139/011 Lisega3072	N/A	* 114-00462 PO# 275207	N/A	Installed	No
EBB-114-J1-H005 Hydraulic Snubber	Lisega	31200813/026 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DBA-106-E1-H005 Hydraulic Snubber	Lisega	31300330/038 Lisega3018	N/A	* 114-5 9113 PO# 275207	N/A	Installed	No
DBA-116-E10-H001 Hydraulic Snubber	Lisega	31300330/043 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-104-E2-H003 Hydraulic Snubber	Lisega	31300769/028 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-104-E2-H015 Hydraulic Snubber	Lisega	9761368/86 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Pedro Polayo* Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period AUGUST 12, 2013 to JUNE 25, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 25, 2014

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address A/R A1877678/ A1877680
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Address Expiration Date N/A
4. Identification of System Snubbers (System 103) Line No. _____
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

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
GBC-104-H007 Mechanical Snubber	Basic-PSA	45638 PSA-10	N/A	* 114-72887 PO#062583	N/A	Installed	No
HBB-126-H031 Mechanical Snubber	Basic-PSA	45189 PSA-3	N/A	* 114-72867 PO#052141	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical shock arrester snubbers with a new snubber.
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 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

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 *Richard Rotay* Date April 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JUNE 14, 2014 to JUNE 25, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 25, 2014

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 Date April 24, 2014
Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
3146 Sanatoga Road, Pottstown, PA 19464 A1877682/A1877676 /A1849632
Address _____ Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Snubbers (System 103) Line No. _____
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

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
SBD-143-E1-H001 Hydraulic Snubber	Lisega	9761368/198 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
SBD-143-E1-H003 Hydraulic Snubber	Lisega	9761368/120 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
SBD-143-F5-H003 Hydraulic Snubber	Lisega	9761368/70 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
SBD-143-F6-H003 Hydraulic Snubber	Lisega	9761368/182 Lisega3018	N/A	* 114-5 9113 PO# 061010	N/A	Installed	No
HCB-101-H024 Hydraulic Snubber	Lisega	9761368/71 Lisega3018	N/A	* 114-5 9113 PO# 061010	N/A	Installed	No

* 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.

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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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Address Sheet 2 of 3
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 Address A1877682/A1877676/A1849632
Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Address Expiration Date N/A
4. Identification of System Snubbers (System 103) Line No. _____
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 or Replacements 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) N-508

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-175-E1-H004 Hydraulic Snubber	Lisega	31300769/036 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-151-J1-H007 Hydraulic Snubber	Lisega	9761368/179 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
HCC-105-H024 Hydraulic Snubber	Lisega	31300769/032 Lisega3018	N/A	*114-59113 PO# 275207	N/A	Installed	No
DBA-106-E1-H003 Hydraulic Snubber	Lisega	9761368/185 Lisega3018	N/A	*114-59113 PO#061010	N/A	Installed	No
HBB-143-E30-H002 Hydraulic Snubber	Lisega	9761368/187 Lisega3018	N/A	*114-59113 PO#061010	N/A	Installed	No
DCA-116-J5-H002(B) Hydraulic Snubber	Lisega	9761368/106 Lisega3018	N/A	*114-59113 PO#061010	N/A	Installed	No
STG-1MS-H021(B) Hydraulic Snubber	Lisega	30600170/014 Lisega3072	N/A	*114-00462 PO#275207	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Pedro Polay* Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period AUGUST 12, 2013 to JUNE 26, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26, 2014

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 Date April 24, 2014
 Name _____
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
 Address _____
2. Plant Limerick Generating Station Unit 1
 Name _____
3146 Sanatoga Road, Pottstown, PA 19464 A1877676
 Address _____ Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
 Address _____
4. Identification of System Snubbers (System 103) Line No. _____
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

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-105-E1-H005 Hydraulic Snubber	Lisega	31300330/040 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-117-J5-H004 Hydraulic Snubber	Lisega	9761368/92 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-122-J05-H006(A) Hydraulic Snubber	Lisega	9761385/06 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
DCA-175-E1-H001 Hydraulic Snubber	Lisega	9761368/140 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCA-313-J3-H004 Hydraulic Snubber	Lisega	9761368/113 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

* 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.

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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 Date April 24, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown, PA 19464 A1877676
Address _____ Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
- 3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address _____
4. Identification of System Snubbers (System 103) Line No. _____
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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
DCC-101-H021(B) Hydraulic Snubber	Lisega	9761368/98 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
DCC-103-H022(A) Hydraulic Snubber	Lisega	9761368/191 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCC-103-H022(B) Hydraulic Snubber	Lisega	9761368/112 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
DCC-103-H041(A) Hydraulic Snubber	Lisega	9761368/109 Lisega3018	N/A	* 114-59113 PO# 060610	N/A	Installed	No
HBB-143-E13-H001 Hydraulic Snubber	Lisega	9761385/23 Lisega3018	N/A	* 114-59383 PO# 061010	N/A	Installed	No
HBB-143-E13-H003 Hydraulic Snubber	Lisega	9761368/88 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
HBB-143-E13-H007 Hydraulic Snubber	Lisega	9761368/111 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
HBB-143-E30-H001 Hydraulic Snubber	Lisega	9761368/201 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Edw. Wolay* Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period AUGUST 28, 2013 to JUNE 26, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26, 2014

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 Date April 24, 2014
Name _____
- 200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address _____
2. Plant Limerick Generating Station Unit 1
Name _____
- 3146 Sanatoga Road, Pottstown, PA 19464 A/R A1877680/ A1877681/A1877682 /A1877675/
Address _____ A1598581
3. Work Performed by Exelon Nuclear Repair Organization P.O. No., Job No. etc. _____
Name _____ Type Code Symbol Stamp N/A
Address 3146 Sanatoga Road, Pottstown, PA 19464 Authorization No. N/A
Expiration Date N/A
4. Identification of System Snubbers (System 103) Line No. _____
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

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
DLA-112-H017 Mechanical Snubber	Basic-PSA	45364 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
DCC-104-H020 Mechanical Snubber	Basic-PSA	45561 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
VRR-1RP-H006 Mechanical Snubber	Basic-PSA	45455 PSA-100	N/A	* 114-72868 PO# 065168	N/A	Installed	No
STG-1HC-E56-H009 Mechanical Snubber	Basic-PSA	43881 PSA-1/4	N/A	* 114-72846 PO# 062580	N/A	Installed	No
STG-1HC-E12-H008(B) Mechanical Snubber	Basic-PSA	44669 PSA-1/4	N/A	* 114-72846 PO# 062580	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical 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.

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address

2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A/R A1877680/ A1877681/A1877682 /A1877675/
Address A1598581
Repair Organization P.O. No., Job No. etc.

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

4. Identification of System Snubbers (System 103) Line No. _____

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 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) N-508

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
GBC-101-H190 Mechanical Snubber	Basic-PSA	45361 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
GBB-118-H081 Mechanical Snubber	Basic-PSA	45293 PSA-10	N/A	* 114-72887 PO# 051681	N/A	Installed	No
GBB-107-H016 Mechanical Snubber	Basic-PSA	45640 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Richard Nolte* Date April, 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JUNE 19, 2014 to JUNE 26, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26, 2014

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 Date April 2, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A1947127 /A1877682
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
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

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-1HC-E19-H004 Hydraulic Snubber	Liseqa	31300330/045 Liseqa3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
DCA-113-E01-H006 Hydraulic Snubber	Liseqa	9761368/70 Liseqa3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

* 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.

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

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 *Edwin Adams* Date April, 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period JUNE 19, 2014 to JUNE 26, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26, 2014

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Saratoga Road, Pottstown, PA 19464 A/R A1877680/ A1877681/ A1877679 /A1877682
Address /A1877675
3. Work Performed by Exelon Nuclear Repair Organization P.O. No., Job No. etc.
Name Type Code Symbol Stamp N/A
Authorization No. N/A
3146 Saratoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
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

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
GBC-101-H082 Mechanical Snubber	Basic-PSA	45251 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
HBC-083-H027 Mechanical Snubber	Basic-PSA	45234 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
GBB-106-H008 Mechanical Snubber	Basic-PSA	45413 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
EBB-109-H012 Mechanical Snubber	Basic-PSA	45426 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical 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.

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
Address

2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A/R A1877680/ A1877681/ A1877679 /A1877682/
Address A1877675
Repair Organization P.O. No., Job No. etc.

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

4. Identification of System Snubbers (System 103) Line No. _____

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 or Replacements 2001 edition with addenda through 2003
(e) Applicable Section XI Code Case(s) N-508

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-H045 Mechanical Snubber	Basic-PSA	45427 PSA-1	N/A	* 114-72850 PO#054850	N/A	Installed	No
DCA-101-E4-H001 Mechanical Snubber	Basic-PSA	45398 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
DCC-104-H005(B) Mechanical Snubber	Basic-PSA	45374 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
HCB-101-H012 Mechanical Snubber	Basic-PSA	45411 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
EBD-111-H013 Mechanical Snubber	Basic-PSA	45404 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
DCC-103-H033 Mechanical Snubber	Basic-PSA	45399 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Pedro Astorga* Date April, 24, 2014
 Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period NOVEMBER 7, 2013 to JUNE 26, 2014, and state that to 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 14396 A, N, I PA 3045
 Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26, 2014

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 Date May 2, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit One
Name
3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0248409-01
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
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
(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

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
Screw shaft Assembly	Basic-PSA	5474 PSA-10	N/A	*114-72952 PO# 062576	N/A	Installed	No
Thrust Bearing	Basic-PSA	6693 PSA-35	N/A	*114-74168 PO# 059493	N/A	Installed	No
Ball Bearings 0.622"	Basic-PSA	6693 PSA-35	N/A	*114-63826 PO# 059016	N/A	Installed	No
Ball Bearings 0.624"	Basic-PSA	6693 PSA-35	N/A	*114-63825 PO# 062578	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical shock arrestor parts during routine rebuilding and testing of spare 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.

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FORM NIS-2 (BACK)

9. Remarks : The recorded serial number in section 6 is the Pacific Scientific snubber serial number, not the part 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

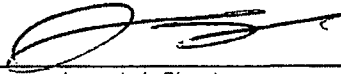
Certificate of Authorization No. NA Expiration Date NA

Signed Pedro Robayo Pedro Robayo Snubber coordinator Date May 02, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 JUNE 26, 2014 to JUNE 27, 2014, and state that to 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 14396 A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 27, 2014

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 Date April 24, 2014
Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 1 of 3
Address
2. Plant Limerick Generating Station Unit 1
Name
3146 Sanatoga Road, Pottstown, PA 19464 A1877679/ A1877678/A1877681/A1598581
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by Exelon Nuclear Type Code Symbol Stamp N/A
Name Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
Address
4. Identification of System Snubbers (System 103) Line No. _____
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

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-101-H060 Mechanical Snubber	Basic-PSA	45563 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
DLA-107-H020 Mechanical Snubber	Basic-PSA	44988 PSA-35	N/A	* 114-72849 PO# 067074	N/A	Installed	No
EBD-108-H032 Mechanical Snubber	Basic-PSA	45564 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
APE-1MS-H031 Mechanical Snubber	Basic-PSA	45372 PSA-35	N/A	* 114-72849 PO# 067079	N/A	Installed	No
GBB-113-H029(A) Mechanical Snubber	Basic-PSA	45038 PSA-3	N/A	* 114-72867 PO# 046770	N/A	Installed	No

* Traceability per Exelon stock code number

7. Description of Work: Replaced mechanical 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.

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As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Generation Company, LLC Date April 24, 2014
 Name
200 Exelon Way, Kennett Square, PA 19348 Sheet 2 of 3
 Address
2. Plant Limerick Generating Station Unit 1
 Name
3146 Sanatoga Road, Pottstown, PA 19464 A1877679/ A1877678/A1877681/A1598581
 Address
3. Work Performed by Exelon Nuclear Repair Organization P.O. No., Job No. etc.
 Name Type Code Symbol Stamp N/A
 Authorization No. N/A
3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date N/A
 Address
4. Identification of System Snubbers (System 103) Line No. _____
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 or Replacements 2001 edition with addenda through 2003
 (e) Applicable Section XI Code Case(s) N-508

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
HBC-091-H164(B) Mechanical Snubber	Basic-PSA	45371 PSA-35	N/A	* 114-72849 PO# 067054	N/A	Installed	No
VRR-1RP-H005 Mechanical Snubber	Basic-PSA	45672 PSA-100	N/A	* 114-72868 PO# 062531	N/A	Installed	No
VRR-1RP-H004 Mechanical Snubber	Basic-PSA	45452 PSA-100	N/A	* 114-72868 PO# 062531	N/A	Installed	No
VRR-1RM-H005 Mechanical Snubber	Basic-PSA	45671 PSA-100	N/A	* 114-72868 PO# 062531	N/A	Installed	No
VRR-1RM-H006 Mechanical Snubber	Basic-PSA	45668 PSA-100	N/A	* 114-72868 PO# 062531	N/A	Installed	No
EBB-107-H006 Mechanical Snubber	Basic-PSA	45374 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No

* Traceability per Exelon stock code number

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 *Richard Adage* Date April, 24, 2014
Owner or Owner's Designee, Title

CERTIFICATE 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 HSB Global Standards of Hartford, Connecticut have inspected the components described in this Owner's Report during the period SEPTEMBER 6, 2013 to JUNE 30, 2014, and state that to 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 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements

Date June 30, 2014