

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,

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

A047 NRR

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: <u>07/03/2014</u>

Prepared By: Mark Weis Walk 7/2/2014

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

Reviewed By: Karl Fisher Kan Tule 7/2/14

Approved By: Mark DiRado (for mark DiRAdo)

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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 <u>Exelon Generation Company, LLC, 200 Exelon Way, Kennett Square, PA 19348</u> (Name and Address of Owner)										
2. Plant <u>Limerick Generating Station, 3146 Sanatoga Road, Pottstown, PA 19464</u> (Name and Address of Plant)										
3. Plant Unit1 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	<u> </u>	, <u>.</u>								
Piping Systems										
& Supports	*	*	*	*						
			-							

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

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

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
the	We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.
Ce	ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI. tificate of Authorization No. (if applicable) N/A Expiration Date N/A e
Ce	ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI. tificate of Authorization No. (if applicable)N/A Expiration DateN/A
Ce	ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI. tificate of Authorization No. (if applicable)

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 Intergranular Stress Corrosion Cracking

NUREG-0619 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 LGS Units 1 and 2 Residual Heat Removal and Core Spray System Suction

& 96-03 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				Exams in Period 1		Exams in Period 2	Percentage for Period 2	Exams in Period 3		Percentage for Period 3	
		in the Interval	1R12	1R13		1R14	_	1R15	1R16		
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%	
С-В		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%	
С-Н	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 Contaminent 151 Examinations Completed												
Category	Notes	Total Exams	Exams in Period 1				1	Exams in Period 2	9		ns in od 3	Percentage for Period 3	
	4	in the Interval	1R12	1R13		1R14		1R15	1R16				
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
ВА	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					
ВН	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	В-А	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 #	Category	Exam	Actual	Code	Exam	lso Number
Description	Class	Item	Reason	Exam		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	ŲT	98.2%	Accept	XI-RPV-1
Feedwater "B" Loop Nozzle to Vessel Weid	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 Nozzie 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	lso Number
Description N6B HEAD SPRAY FLANGE BOLTING	Class 602400	Item B-G-2	Reason_ ISI	Exam VT	Coverage 100%	Results Accept	Exam Comments 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	В-К	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	С-В	ISI	UT	70%	Accept	XI-1E-205
Nozzle N4 Inner Radius	2	C2.22					Limited Exam

SS Item	Reason ISI ISI ISI	MT MT PT	100% 100%	Accept Accept	FIG-03-106 XI-1P-202
C3.20 C3.20 C3.20 C3.20 C6.10 C6.10 C6.10 C6.10	ISI ISI	MT PT	100%	Accept	FIG-03-106 XI-1P-202
C3.20 C3.20 C6.10 C-G C6.10 C-G C6.10 C-G C6.10	ISI	PT	100%	Accept	XI-1P-202
C3.20 000 C-G C6.10 010 C-G C6.10 020 C-G	ISI	PT	100%	Accept	XI-1P-202
C6.10 C6.10 C6.10 C6.10 C6.10	ISI				
C6.10 010 C-G C6.10 020 C-G	ISI				
C6.10 C-G C6.10 C-G		PT	100%	Accept	W. 12.2-
C6.10		PT	100%	Accept	V41 4 5 5 5
)20 C-G	ISI				XI-1P-202
	ISI				
C6.10		PT	100%	Accept	XI-1P-202
330 D-A	ISI	VT	100%	Accept	HBC-084-1
D1.20					
340 D-A	ISI	VT	100%	Accept	HBC-084-1
D1.20					
390 D-A	ISI	VT	100%	Accept	HBC-138-3
D1.20					
300 D-A	ISI	VT	100%	Accept	GBC-101-9
D1.20					
774 D-A	ISI	VT	100%	Accept	HBC-509-1
D1.20					
600 F-A	ISI	VT	100%	Accept	FIG-06-101
F1.10-A					
430 F-A	ISI	VT	100%	Accept	FIG-08-101
F1.10-A					
440 F-A	ISI	VT	100%	Accept	FIG-08-101
F1.10-A					
630 F-A	ISI	VT	100%	Accept	FIG-01-101
F1.10-A					
	D1.20 D1.20	D1.20 D1	D1.20 D1	D1.20 D1.20 D1.20 D1.20 T74 D-A ISI VT 100% D1.20 D1.20 T74 D-A ISI VT 100% F1.10-A H40 F-A ISI VT 100% F1.10-A H40 F-A ISI VT 100% F1.10-A H40 F-A ISI VT 100%	D1.20 Accept F1.10-A D1.20 D1.20 Accept F1.10-A D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 D1.20 D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 Accept D1.20 D1.20 D1.20 Accept D1.20 D1.20 Accept D1.20 D1.20 D1.20 D1.20 Accept D1.20 D1.20 Accept D1.20 D1.20

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 #	Category	Exam	Actual	Code	Exam	iso Number
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 #	Category	Exam	Actual	Code	Exam	Iso Number
Description	Class	Item	Reason	Exam		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 #	Category	Exam	Actual	Code	Exam	lso Number
Description	Class	Item	Reason	Exam		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 #	Category	Exam	Actual	Code	Exam	lso Number
Description	Class	ltem	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	VŤ	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	lso 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 #		Exam	Actual	Code	Exam	Iso Number
Component ID	-	Category					100 114111201
Description 1B1F214	231034	Item NA	Reason AUG	Exam VT	Coverage 100%	Results Accept	Exam Comments FIG-04-109
Pump Suction Strainer Assembly Including Attachments and Housing Welds (Structural Exam)	2	NA	,,,,,,	• •	100%	rocept	110 04 100
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 #	Category	Exam	Actual	Code	Exam	lso Number
Description	Class	ltem	Reason		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	МТ	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	ÜT	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				L	imited 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	lso 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	101	0,	100%	лосорг	110 01 004
SC 050	120080	R-A	ISI	VĪ	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	lso Number
Description	Class	Item	Reason	Exam		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	UŤ	100%	Accept	FIG-01-013
20" Pipe to 24"X24"X20" Tee	2	R1.20-4					

Component ID	Summary #	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					

	Iso Number	Sect. XI	Inspection	Actual		Results	Summary	Procedure(s)
Jescription 🤃	Insp. Date	Cat.	Reason(s)	Exam	Coverage	- 5	Number	Inspection Comments
. Programme Supplemental Supple	l· ·	ltem	. 4%	1 197	j.80.	3 s 3r 1 n 2 n8en2	1146	Cal Block
ST-4-041-952-1	ST-INDEX	B-P	XI	VT-2	100	NRI		
RPV Head Flange Seal Leak Detection System	3/27/2014	B15.10						Pressure test credited for I-3 P-3.
ST-4-041-950-1	ST-INDEX	B-P, C-H	XI	VT-2	100	NRI		
ISI Pressure Test for all Class 1 Systems and some Class 2 Systems	4/4/2014	B15.10						Pressure test credited for I-3 P-3.
ST-4-026-950-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Inservice Pressure Test of Plant Process Radiation Monitoring Piping	5/31/2012	C7.10						Pressure test credited for I-3 P-2
ST-4-030-950-1	ST-INDEX	С-Н	XI	VT-2	100	NRI	***************************************	
PASS and Containment Atmospheric Control Sample Loops Functional Pressure Test and Contaminated Piping Inspection	4/2/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-044-950-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Inservine Pressure Test of Reactor Water Clean-Up	4/4/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-049-950-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Functional Pressure Test of RCIC Pump Discharge and Turbine Exhaust	9/12/2012	C7.10						Pressure test credited for I-3 P-2,
ST-4-049-951-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Inservice Pressure Test of RCIC Pump and Turbine Supply	9/12/2012	C7.10						Pressure test credited for I-3 P-2.
ST-4-049-953-1	ST-INDEX	С-Н	ΧI	VT-2	100	NRI	······································	······································
ISI Inservice Pressure Test of RCIC Exhaust Vacuum Breaker Piping	6/7/2013	C7 10						Pressure test credited for I-3 P-2.
ST-4-051-951-1	ST-INDEX	С-Н	Xi	VT-2	100	NRI	······································	
ISI Functional Pressure Test of RHR Loop A	1/3/2014	C7.10						Pressure test credited for I-3 P-2.
ST-4-051-952-1	ST-INDEX	С-Н	ΧI	VT-2	100	NRI		
ISI Functional Pressure Test of RHR Loop B	5/9/2013	C7.10						Pressure test credited for I-3 P-2.
ST-4-051-953-1	ST-INDEX	С-Н	ΧI	VT-2	100	NRI		
ISI Functional Pressure Test of RHR Loop C	6/14/2012	C7.10						Pressure test credited for I-3 P-2.
ST-4-051-954-1	ST-INDEX	C-H	XI	VT-2	100	NRI	***************************************	***************************************
ISI Functional Pressure Test of RHR Loop D	1/24/2013	C7.10						Pressure test credited for I-3 P-2.
ST-4-052-951-1	ST-INDEX	СН	XI	VT-2	100	NRI		······································
ISI Functional Pressure Test Class II Core Spray A and C Loops	11/1/2013	C7.10						Pressure test credited for I-3 P-2.

Companent ID	iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)
Description	Insp. Date	Cat.	Reason(s)	Exam	Coverage		Nùmber	Inspection Comments 2225
		Item						Cal Block
ST-4-052-952-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Functional Pressure Test Class II Core Spray B and D Loops	9/19/2012	C7.10						Pressure test credited for I-3 P-2.
ST-4-052-953-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
ISI Functional Pressure Test of Safeguard Piping Fill Loops A and B	1/15/2014	C7.10						Pressure test credited for I-3 P-2.
ST-4-055-950-1	ST-INDEX	C-H	XI	VT-2	100	NRI	······································	THE PART OF THE PA
ISI Functional Pressure Test of HPCI Pump Discharge and Turbine Exhaust	12/31/2012	C710						Pressure test credited for I-3 P-2
ST-4-055-951-1	ST-INDEX	С-Н	XI	VT-2	100	NRI	•••••	
ISI Inservice Pressure Test of HPCI Pump and Turbine Supply	1/22/2013	C7.10						Pressure test credited for I-3 P-2.
ST-4-055-954-1	ST-INDEX	с-н	XI	VT-2	100	NRI		
ISI Inservice Pressure Test of HPCI Exhaust Vacuum Breater Piping	9/19/2013	C7.10						Pressure test credited for I-3 P-2.
ST-4-LLR-222-1	ST-INDEX	C-H	XI	VT-2	100	NRI	************	
Drywell Purge Supply LLRT, Penetration X-25	4/3/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-231-1	ST-INDEX	С-Н	XI	VT-2	100	NRI	······	(a)
Drywell Purge Exhaust LLRT, Penetration X-28	3/25/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-232-1	ST-INDEX	C-H	XI	VT-2	100	NRI	······································	
Drywell Purge Exhaust LLRT, Penetration X-26	3/29/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-262-1	ST-INDEX	С-Н	XI	VT-2	100	NRI		
Drywell H2/O2 Sample LLRT, Penetration X-28A	3/19/2014	C7.10		•				Pressure test credited for I-3 P-3.
ST-4-LLR-271-1	ST-INDEX	С-Н	XI	VT-2	100	NRI	······································	
Drywell H2/O2 Sample LLRT, Penetration X-28B	3/17/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-541-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
H2/O2 Sample Return LLRT, Penetration X- 62/X-220A	3/26/2014	C7,10						Pressure test credited for I-3 P-3
ST-4-LLR-571-1	ST-INDEX	С-Н	ΧI	VT-2	100	NRI		
Suppression Pool Purge Supply LLRT, Penetration X-201A	3/26/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-572-1	ST-INDEX	C-H	XI	VT-2	100	NRI		
Suppression Pool Purge Supply LLRT. Penetration X-201A/X-25		C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-581-1	ST-INDEX	C-H	XI	VT-2	100	NRI	······································	
Suppression Pool Purge Exhaust, Penetration X- 202		C7.10		- /				Pressure test credited for I-3 P-3.

Companent ID	Iso Number	Sect. XI	Inspection	Actual	Code	Results	Summary	Procedure(s)
Description	Insp. Date		Reason(s)	Exam	Coverage	Ř>	Number	Inspection Comments
		Item					1	Cal Block
ST-4-LLR-582-1	ST-INDEX	C-H	Xi	VT-2	100	NRI		- de-v
Suppression Pool Purge Exhaust LLRT. Penetration X-202		C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-831-1	ST-INDEX	Ç-H	XI	VT-2	100	NRI	·	
Wetwell H2/O2 Sample LLRT, Penetration X- 221A	3/19/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-LLR-841-1	ST-INDEX	С-н	XI	VT-2	100	NRI		
Wetwell H2/O2 Sample LLRT, Penetration X- 221B	3/18/2014	C7.10						Pressure test credited for I-3 P-3.
ST-4-057-951-1	ST-INDEX	C-H. D-B	ΧI	VT-2	100	NRI	and and an extended of the con-	
A Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	3/24/2014	C7.10, D2.10						Pressure test credited for I-3 P-3.
ST-4-057-952-1	ST-INDEX	C-H, D-8	XI	VT-2	100	NRI	***************************************	······································
B Post LOCA Recombiner Pneumatic Pressure Test and Contaminated Piping Inspection	3/28/2014	C7.10, D2.10						Pressure test credited for I-3 P-3.
ST-4-011-951-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of Emergency Service Water Loop A	1/25/2013	02.10						Pressure test credited for I-3 P-2.
ST-4-011-952-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Functional Pressure Test of Emergency Service Water Loop B	5/11/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-011-953-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ESW and RHRSW Loop A Buried Pipe:Flow Test	1/30/2013	02.10						Pressure test credited for I-3 P-2.
ST-4-011-954-0	ST-INDEX	D-B	ΧI	VT-2	100	NRI		
ESW and RHRSW Loop B Buried Pipe Flow Test	1/18/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-950-1	ST-INDEX	D-B	ΧI	VT-2	100	NRI		
ISI Functional Pressure Test of 1A Residual Heat Removal Service Water HX	10/4/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-960-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
ISI Pressure Test of Residual Heat Removal Service Water "A" Spray Network	10/4/2012	D2.10						Pressure test credited for I-3 P-2.
ST-4-012-961-0	ST-INDEX	D-B	ΧI	VT-2	100	NRI	·	de d'improvement de color de c
ISI Pressure Test of Residual Heat Removal Service Water "B" Spray Network	11/5/2013	D2.10						Pressure test credited for I-3 P-2.

Companent ID*****	tso Number	Sect. XI	Inspection	Actual		Rosults	Summary	Procedure(s)
Description	Insp. Date	Cat.	Reason(s)	Exam	Coverage	JE.	Number	Inspection Comments
		Item	-:	77 11			dest (Cal Block
ST-4-012-962-0	ST-INDEX	D-B	XI	VT-2	100	NRI		
SI 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	X1	VT-2	100	NRI		- The same of the committee of the commi
SI 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-8	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-8	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-8	ΧI	VT-2	100	NRI		
ISI Functional Pressure Test of D13 Diesel Fuel Oil Transfer System	5/14/2013	Q2.10						Pressure test credited for I-3 P-2.
ST-4-020-954-1	ST-INDEX	D-B	ΧI	VT-2	100	NRI		
ISI Functional Pressure Test of D14 Diesel Fuel Dil Transfer System	2/26/2013	D2.10						Pressure test credited for I-3 P-2.
ST-4-020-961-1	ST-INDEX	D-8	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.
3T-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-8	ΧI	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-4-092-961-1	ST-INDEX	D-B	ΧI	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.

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Component ID Description	Summary # Class	Category	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Lt1/45-03b 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	128336	N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Clamp / Bolt RPV (225 Az)	BWRVIP-42	N/A						
Li1/45-06b N17C	128363	N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Clamp / Bolt Shroud (225 Az)	BWRVIP-42	N/A						
Li1/45-06c N17C	128345	N/A	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Clamp / Bolt RPV (225 Az)	BWRVIP-42	N/A						
Li1/45-06d N17C	128300	ΝA	RE	VT-3	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Clamp / Bolt Shroud (225 Az)	BWRVIP-42	N/A						
Li1/45-08a N17C	127544	N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	BWRVIP-42	N/A						
Li1/45-08b N17C	127547	N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	BWRVIP-42	N/A						
Li1/45-08c N17C	127349	N/A	RE	VT-1	100	NRI	3/22/2014	XI-8N-14
LPCI Coupling Eye Bott Nut to Clamp Weld (225 Az)	BWRVIP-42	N/A						
Li1/45-08d N17C	127604	N/A	RE	VT-1	100	NRI	3/22/2014	XI-BN-14
LPCI Coupling Eye Bolt Nut to Clamp Weld (225 Az)	BWRVIP-42	N/A						
Li1/45-12 N17C	127262	N/A	RE	EVT-1	10	NRI	3/22/2014	XI-BN-14
LPCI Coupling Sleeve Flange to Thermat Sleeve Weld at RPV (225 Az)	BWRVIP-42	N/A						
Li1/C-C-1	604000	B-N-2	RE	VT-3	90	NRI	3/19/2014	B11-D277
Top Guide C-Clamp 900 Deg Az	BWRVIP-26 / B-N-2	B13.40						
Li1/C-C-2	604010	B-N-2	RE	VT-3	100	NRI	3/19/2014	B11-0277
Top Guide C-Clamp 270 Deg Az	BWRVIP-26 / B-N-2	B13.40						
Li1/C-C-3	604020	B-N-2	RE	VT-3	90	NRI	3/19/2014	B11-D277
Top Guide C-Clamp 180 Deg Az	BWRVIP-26 / 8-N-2	B13,40						
Li1/C-C-4	604030	B-N-2	RE	V T-3	100	NRI	3/19/2014	B11-D277
Top Guide C-Clamp 090 Deg Az	BWRVIP-26 / B-N-2	B13.40						

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Component ID	Summary #	Category	Exam Reason	Actual Exam	Percent Coverage	Exam	Insp. Date	Iso Number
Description	Class	item		EXOID	Coverage	RESUIS	Code Cases	Exam Comments
Li1/CSB 274.5 Az	604510	B-N-2	RE	EVT-1	65	NRI	3/20/2014	XI-BNN
Core Spray "A and C" Header Vertical Bracket (PB7) Attachment Weld to RPV	BWRVIP-48	B13.30						
LI1/CSB 345 Az	604470	B-N-2	RE	EVT-1	65	NRI	3/20/2014	XI-BNN
Core Spray "A and C" Header Bracket (PB8) Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FS/PERIPHERAL FUEL SUPPORT	605120	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-07 PG, 2
24 CASTING BY CORE POSITION	N/A	N/A						Access granted to FSC 15-58 only
Li1/FWS N4A	604531	N/A	RE	VT-3	100	NRI	3/19/2014	Xi-BNi-09
N4A Feedwater Sparger Assembly and Brackets (5- 55 Az)	NUREG 0619	N/A						
Li1/FWS N4B	604571	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-09
N4B Feedwater Sparger Assembly and Brackets (65- 115 Az)	NUREG 0619	N/A						
Li1/FWS N4C	G04611	N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-09
N4C Feedwater Sparger Assembly and Brackets (125-175 Az)	NUREG 0619	N/A						
Li1/FWS N4D	604651	N/A	RE	VT-3	100	NRI	3/20/2014	XI-8N-09
N4D Feedwater Sparger Assembly and Brackets (185-235 Az)	NUREG 0619	N/A						
Li1/FWS N4E	604691	N/A	RE	VT-3	100	NRI	3/21/2014	XI-BN-09
N4E Feedweter Sparger Assembly and Brackets (245-295 Az)	NUREG 0619	N/A						
Li1/FWS N4F	604731	N/A	RE	VT-3	100	NRI	3/21/2014	XI-8N-09
N4F Feedwater Sparger Assembly and Brackets (305-355 Az)	NUREG 0619	N/A						
Li1/FWSB 005 Az - PIN-NUT	Г	N/A	SP	VT-3	100	NRI	3/19/2014	·
N4A Feedwater Sperger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	NRI	3/19/2014	
Li1/FWSB 055 Az - PIN-NUT	Т	N/A	SP	VT-3	100	NRI	3/18/2014	
N4A Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	NRI	3/18/2014	
Li1/FWSB 065 Az - PIN-NU	Γ	N/A	SP	VT-3	100	NRI	3/18/2014	n Sentember stratiffeten i 1848 ble i 2008 Sentember anderste et alle et alle et alle et alle et alle et alle e
N48 Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	NRI	3/18/2014	

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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
.i1/FWSB 115 Az - PIN-NUT		N/A	SP	VT-3	100	NRI	3/20/2014	
N48 Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	NRì	3/20/2014	
.i1/FWSB 125 Az - PIN-NUT		N/A	SP	VT-3	95	NRI	3/20/2014	
N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	95	NRI	3/20/2014	
Li1/FWSB 175 Az - PIN-NUT		N/A	SP	VT-3	100	NRI	3/20/2014	
N4C Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	NRI	3/20/2014	
Li1/FWSB 185 Az - PIN-NU1	•	N/A	SP	VT-3	100	RI	3/20/2014	
N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	RI	3/20/2014	INR LiTR15 IVVI-14-07: Evaluated as acceptable under IR1637201
LI1/FWSB 235 Az - PIN-NUT	•	N/A	SP	VT-3	100	RI	3/21/2014	
N4D Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	RI	3/21/2014	INR ti1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 245 Az	604710	B-N-2	RE	EVT-1	60	NRI	3/21/2014	XI-BNN
N4E Feedwater Sparger Bracket Atlachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 245 Az - PIN-NUT	•	AVA	SP	VT-3	80	NRI	3/21/2014	
N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	80	NRI	3/21/2014	
Li1/FWSB 295 Az	604720	B-N-2	RÉ	EVĪ-I	60	NRI	3/20/2014	XI-BNN
N4E Feedwater Sparger Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						
Li1/FWSB 295 Az - PIN-NU1	<u> </u>	N/A	SP	VT-3	100	RI	3/19/2014	
N4E Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	RI	3/19/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637201
Li1/FWSB 305 Az - PIN-NUT	<u> </u>	N/A	SP	VT-3	100	RI	3/19/2014	
N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exam	N/A		VT-1	100	RI	3/19/2014	INR Li1R15 IVVI-14-07: Evaluated as acceptable under IR1637 201
Li1/FWSB 355 Az - PIN-NUT	-	N/A	SP	VT-3	100	NRI	3/19/2014	
N4F Feedwater Sparger Bracket Pin and Nut	OPEX Exem	N/A		VT-1	100	NRI	3/19/2014	
Li1/H09	603150	B-N-2	RE	UT	10.4	RI	3/21/2014	XI-BN-10
Core Shroud Support Plate to RPV Weld	BWRVIP-38 / B-N-2	/ B13.40						Two indications noted; ecceptable per IWB-3510-1
Li1/JP01 AS-1 (SS)		N/A	RE	V7-1	100	NRI	3/17/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						

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Component ID Description	Summary # Class	Category	Exam Reason	Actual Exam	Percent Coverage	Exem Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP01 AS-1 (VS)		N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A		V 3-1	100	10	5/1//2014	INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
LI1/JP01 AS-2 (SS)		N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR LI1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP01 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP01 BB-1	125576	N/A	RE	UT	100	NRI	3/19/2014	XI-8N-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP01 BB-2	125606	N/A	RE	υT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP01 BB-3		N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A		EVT-1	100	NRI	3/18/2014	
Li1/JP01 SJC		N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP01 WD-1	126134	N/A	SP	VT-1	100	NRI	3/17/2014	Xi-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP02 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP02 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP02 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRV(P-41	N/A						
Li1/JP02 BB-1	125577	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP02 BB-2	125807	N/A	RE	ŲΤ	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP02 BB-3		NVÄ	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A	•			•		

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Component ID	Summary #	Category	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date	Iso Number
Description	Class	item	· · · · · · · · · · · · · · · · · · ·	E44111	~~~~	results	Code Cases	Exam Comments
Li1/JP02 SJC		N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	8WRVIP-41	N/A						
Li1/JP02 WD-1	126137	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP02 WD-2a		N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04
let Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li 1/JP02 WD-2b		N/A	SP	VT-1	100	 กเ	3/17/2014	XI-BN-04
let Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP03 AS-1 (SS)	n - marina a 1990 a nigeratur (nagarangan)	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	EWRVIP-41	N/A						
Li1/JP03 AS-1 (VS)		N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03: Evaluated as acceptable under IR1638365
Li1/JP03 AS-2 (SS)		N/A	RE	VT-1	70	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP03 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP03 BB-1	125627	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP03 BB-2	125608	N/A	RE	υT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP03 BB-3		N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP03 SJC		N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP03 WD-1	126140	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
L(1/JP04 AS-1 (SS)	The second desired des	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	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/JP04 AS-1 (VS)		N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
LI1/JP04 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP04 AS-2 (VS)		N/A	RE	VT-1	100	ŅRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP04 SJC	and the state of t	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
L:1/JP04 WD-1	126143	N/A	GР	VT-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP04 WD-2a	*******************************	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP04 WD-2b		N/A	SP	VŤ-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP05 AS-1 (SS)	***************************************	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP05 AS-1 (VS)	······································	N/A	RE	VT-1	100	RI	3/19/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP05 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/19/2014	XI-BNI-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP05 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/19/2014	XI-8N-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
L(1/JP05 8B-1	125492	N/A	RE	UT	100	NRI	3/19/2014	XI-8N-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP05 BB-2	125498	N/A	RE	υT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP05 BB-3	**************************************	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exem Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/JP05 SJC		N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP05 WD-1	126146	N/A	SP	VT-1	100	NRI	3/18/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP06 AS-1 (SS)	Aland dan menangan pandan dan	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP06 AS-1 (VS)	***************************************	N/A	RE	VT-1	100	RI	3/19/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP06 AS-2 (SS)	**************************************	N/A	RĘ.	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP06 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP06 BB-1	125493	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP06 BB-2	125499	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP06 B8-3		N/A	RE	ut	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP06 SJC		N/A	RE	VT-3	100	NRI	3/19/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP06 WD-1	126149	N/A	SP	VT-1	100	NRI	3/18/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP07 AS-1 (SS)	************	N/A	RE	VT-1	100	NRI	3/17/2014	XI-8N-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
LI1/JP07 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP07 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	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
Li I/JP07 Aux Wedge Repair (VS)		N/A	BL	VT-3	100	NRI	3/18/2014	
Vessel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A						
Li1/JP07 BB-1	125525	N/A	RE	υt	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP07 BB-2	125537	N/A	RE	UŤ	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP07 BB-3	***************************************	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP07 SJC		N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP07 WD-1	126152	N/A	SP	VT-1	100	NRI	3/17/2014	XI-8N-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	NVA						
Li1/JP07-08 RBSP	603900	8-N-2	RE	EVT-1	70	NRI	3/20/2014	XI-BNN
Jet Pump Nos. 07 and 08 Riser Brace Support Pad Welds to RPV (2 Weld Buildup Locations 113 and 128 Az)	BWRVIP-48	B13.20						
Li1/JP07-08 RS-3	125009	N/A	RE	EVT-1	30	NRI	3/18/2014	XI-BN-04
Jet Pump Riser Pipe to Transition Piece Weld	BWRVIP-41	N/A						
Li1/JP08 AS-1 (SS)		N/A	RE	VT-1	100	. NRI	3/17/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP08 AS-1 (VS)	••••	N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP08 AS-2 (SS)		N/A	RE	VT-1	100	RI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396-
Li1/JP08 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP08 SJC	******* ** ****************************	N/A	RE	VT-3	100	NRI	3/18/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP08 WD-1	126155	N/A	SP	VT-1	100	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361

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Component ID	Summary #	Category	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date	Iso Number
Description	Class	kem	ucq2011	E AUIII			Code Cases	Exam Comments
Li1/JP08 WD-2a		N/A	SP	VT-1	100	RI	3/17/2014	XI-BII-04
let Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP08 WD-2b	***************************************	N/A	SP	VT-1	100	RI.	3/17/2014	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP09 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP09 AS-1 (VS)	•	N/A	RE	VT-1	100	RI	3/17/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP09 AS-2 (SS)		A/l/1	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP09 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/17/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP09 BB-1	125488	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP09 BB-2	125618	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP09 BB-3		N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	A\mathcal{M}						
Li1/JP09 SJC		N/A	RE	VT-3	50	RI	3/19/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	Ν/A						INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
Li1/JP09 WD-1	126158	N/A	SP	VT-1	95	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR LitR15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP09-10 RS-9	125312	N/A	ES	EVT-1	100	NRI	3/22/2014	XI-BN-04
Jet Pump Riser Pipe to Riser Brece Circumferential Weld	BWRVIP-41	N/A						
Li1/JP10 AS-1 (SS)	er ter een er en en en en en en en en	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP10 AS-1 (VS)	halloude hove have also consecutive and a second	N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	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 Even Comments
Besurption	C1835	ncm					Code Cases	Exam Comments
Li1/JP10 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A					and and design and des	
Li1/JP10 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/18/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP10 BB-1	125487	N/A	RE	υT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
LII/JP10 B8-2	125619	N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP10 BB-3		N/A	RE	UT	100	NRI	3/19/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP10 SJC		N/A	RE	VT-3	100	NRI	3/19/2014	XI-8N-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A			••••••••••••••••••••••••••••••••••••••			
Li1/JP10 WD-1	126161	N/A	SP	VT-1	95	RI	3/17/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP11 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-8N-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP11 AS-1 (VS)		N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR LI1R15 IVVI-14-03: Evaluated as acceptable under IR1638365
Li1/JP11 AS-2 (SS)		N/A	RE	∀ T-1	100	NRI	3/23/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP11 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP11 BB-1	125591	N/A	RE	υτ	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP11 BB-2	125477	N/A	RE	υT	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
U1/JP11 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						

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Component ID Description	Summary # Class	Category Item	Exam Reason	lautoA mak3	Percent Coverage	Exam Results	Insp. Date Code Cases	iso Number Exam Comments
LI1/JP11 SJC Jet Pump Slip Joint Clamp	BWRVIP-41	N/A N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04 INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
Li1/JP11 SJC - Gap		N/A	SP	VT-1	80	NRI	3/24/2014	XI-BN-04
Jet Pump Stip Joint Clamp Gap Inspection	OPEX	N/A		•••		.,,.,	0.2.112011	AL WIT & F
Li1/JP11 WD-1	126206	N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP12 AS-1 (SS)	······	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP12 AS-1 (VS)		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP12 AS-2 (SS)	·····	N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP12 AS-2 (VS)	······	N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP12 BB-1	125592	N/A	RE	UT	100	NRI	3/23/2014	XI-8N-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP12 BB-2	125478	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/JP12 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/JP12 SJC		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP12 WD-1	126167	N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP13 AS-2 (SS)		N/A	RE	VT-1	100	RI	3/23/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP13 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	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/JP13 Aux Wedge Repair SS)		N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Shroud Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A						
.i1/JP13 Aux Wedge Repeir VS)		N/A	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Vesset Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A						
Li1/JP13 B8-1	125474	N/A	RE	ŲT	100	NRI	3/23/2014	XI-BN-04
let Pump Hold Down Beam Bolt Hole Region	BWRV!P-41	N/A						
.i1/JP13 BB-2	125624	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/JP13 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/JP13 MX-7		N/A	ES	EVT-1	50	NRI	3/25/2014	XI-8N-04
Jet Pump Wedge Bracket o Inlet Mixer Welds	BWRVIP-41	N/A						
Li1/JP13 SJC.		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP13 WD-1	126128	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/JP13-14 RB-1a	125534	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP13-14 RB-16	125384	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li I/JP13-14 R8-1c	125414	N/A	E\$	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP13-14 RB-1d	125543	N/A	ES	EVT-1	70	NRI	3/25/2014	XI-BN-04
Jet Pump Riser Brace Leaf to RPV Pad Weld	BWRVIP-41	N/A						
Li1/JP13-14 RS-6	125048	N/A	ES	EVT-1	40	NRI	3/25/2014	XI-BN-04
JP Riser Pipe to Réstrainer Bracket Circumferential Weld; RS-6 is on JP13 side of riser	BWRVIP-41	N/A						

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exam	Percent Coverage	Exem Results	Insp. Date Code Cases	Iso Number Exam Comments
.i1/JP13-14 RS-9	125318	N/A	SP	EVT-1	100	RI	3/24/2014	XI-BN-04
let Pump Riser Pipe to Riser Brace Circumferential Weld	BWRVIP-41	N/A	-					INR Li1R15 IVVI-14-21; Evaluated as acceptable under IR1638416
Li1/JP14 AS-2 (SS)		N/A	RE	V T-1	100	RI	3/23/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
.i1/JP14 AS-2 (VS)	engele un a grinnergens genes en	N/A	RE	VT-1	100	NRI	3/23/2014	XI-BNI-04
/essel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
u1/JP14 Aux Wedge Repair SS)		N/A	RE ·	VT-3	100	NRI	3/23/2014	XI-BN-04
Shroud Side Jet Pump Aux Nedge Repair	BWRVIP-41	N/A						
.i1/JP14 Aux Wedge Repair VS)	A. 100 A. 1111 I. 1111 I. 1111 I. 1111 I. 1111 II. 1111 I	N/A	RE	VT-3	100	RI	3/23/2014	XI-BN-04
/essel Side Jet Pump Aux Wedge Repair	BWRVIP-41	N/A						INR Li1R15 IVVI-14-20; Evaluated as acceptable under IR1638367
i1/JP14 BB-1	125475	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
let Pump Hold Down Beam Boll Hole Region	BWRVIP-41	N/A						
.i1/JP14 88-2	125625	N/A	RE	UT	100	NRI	3/23/2014	XI-8N-04
let Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP14 BB-3		N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
tet Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP14 SJC		N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04
let Pump Slip Joint Clamp	BWRVIP-41	N/A						INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
Li1/JP14 WD-1	126173	N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR LITR15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP15 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP15 AS-2 (SS)		N/A	RE	VT-1	80	NRI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP15 AS-2 (VS)		N/A	RE	VT-1	80	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						

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/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 B8-1	125468	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
let Pump Hold Down Beam Boll Hole Region	BWRVIP-41	N/A						
Li1/JP15 8B-2	125465	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
iet 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-18	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		N/A						

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
.i1/JP15-16 R8-2d Jet Pump Riser Brace Leaf	125567 BWRVIP-41	N/A N/A	RE	EVT-1	45	NRI	3/24/2014	XI-BN-04
o Yoke Weld								
i1/JP15-16 RBSP	603450	B-N-2	RE	EVT-1	70	NRI	3/25/2014	хі-вии
let Pump Nos. 15 and 16 Riser Brace Support Pad Melds to RPV (2 Weld Buildup Locations 263 and 278 Az)	BWRVIP-48	B13,20						
.i1/JP15-16 RS-1	125147	N/A	RE	EVT-1	85	NRI	3/25/2014	XI-BN-04
let Pump Riser Elbow to Thermal Sleeve Weld	BWRVIP-41	N/A						
Li1/JP15-16 RS-2	125171	N/A	RE	EVT-1	50	NRI	3/25/2014	XI-BN-04
let Pump Riser Elbow to Riser Pipe Weld	BWRV(P-41	N/A						
LI1/JP15-16 RS-6	125051	N/A	RE	EVT-1	40	NRI	3/25/2014	XI-BN-04
JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-6 is on JP15 side of riser	BWRVIP-41	N/A						
.i1/JP15-16 RS-7	125081	N/A	RE ·	EVT-1	40	NRI	3/25/2014	XI-BN-04
JP Riser Pipe to Restrainer Bracket Circumferential Weld; RS-7 is on JP16 side of riser	BWRVIP-41	N/A						
Li1/JP15-16 RS-8	125291	N/A	RE	EVT-1	25	NRI	3/25/2014	XI-BN-04
let Pump Riser Pipe to Riser Brace Circumferential Neld	8WRVIP-41	N/A						
Li1/JP15-18 RS-9	125321	N/A	RE	EVT-1	40	NRI	3/24/2014	XI-BN-04
Jet Pump Riser Pipe to Riser Brace Circumferential Weld	BWRVIP-41	N/A						
Li1/JP16 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP16 AS-1 (VS)		N/A	RE	VT-1	100	NRI	3/23/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP16 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP16 AS-2 (VS)		N/A	RE	VT-1	100	RI	3/23/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396

Section 1: Limerick 1R15 IVVI Component Examination Results

Component ID Description	Summary # Class	Category kem	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
	C1033	Kem				·····		Exam Comments
.i1/JP16 BB-1	125469	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A	~	maa.wa~				
.i1/JP16 BB-2	125466	N/A	RE	UT	100	NRI	3/23/2014	XI-BN-04
let Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP16 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						
Lì1/JP16 IN-4	125195	N/A	RE	EVT-1	45	NRI	3/24/2014	XI-BN-04
Jet Pump inlet to Mixer Weld	BWRVIP-41	N/A						
Li1/JP16 SJC		NVA	RE	VT-3	100	NRI	3/23/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP16 WD-1	126179	N/A	SP	VT-1	100	NRI	3/23/2014	XI-BN-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						
Li1/JP17 AS-1 (SS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Gap	BWRVIP-41	N/A						
Li1/JP17 AS-1 (VS)		N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/ A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP17 AS-2 (SS)		N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR LI1R15 IVVI-14-04: Evaluated as acceptable under IR1638396
Li1/JP17 AS-2 (VS)	de dieseries, draft daying de	N/A	RE	VT-1	100	NRI	3/24/2014	XI-8N-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP17 BB-1	125462	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/JP17 BB-2	125458	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/JP17 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/JP17 SJC	·	N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398

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Component ID	Summary #	Category	Exam	Actual	Percent	Exam	Insp. Date	Iso Number
Description	Class	ltem	Reason	тыка	Coverage	ていろいろ	Code Cases	Exam Comments
Li1/JP17 WD-1	126182	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/JP18 AS-1 (VS)	•	N/A	RE	V7-1	100	RI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Gap	BWRVIP-41	N/A						INR Li1R15 IVVI-14-03; Evaluated as acceptable under IR1638365
Li1/JP18 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
.i1/JP18 BB-1	125463	N/A	RE	UT	100	NRI	3/24/2014	XI-8N-04
let Pump Hold Down Beam Boll Hole Region	BWRVIP-41	N/A						
Li1/JP18 BB-2	125459	N/A	RE	υτ	100	NRI	3/24/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	BWRVIP-41	N/A						
Li1/JP18 BB-3		N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
let Pump Hold Down Beam Transition Region	BWRVIP-41	N/A						
Li1/JP18 SJC		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li1/JP18 WD-1	126185	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/JP18 WD-2a		N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1.
Li1/JP18 WD-2b		N/A	SP	VT-1	100	RI	3/23/2014	XI-8N-04
Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP19 AS-2 (SS)		N/A	RE	VT-1	100	RI	3/24/2014	XI-BN-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						INR Li1R15 IVVI-14-04; Evaluated as acceptable under IR1638396
Li1/JP19 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP19 BB-1	125603	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-04
Jet Pump Hold Down Beam Bolt Hole Region	BWRVIP-41	N/A						
Li1/JP19 BB-2	128318	N/A	RE	ŲŤ	160	NRI	3/24/2014	XI-BN-04
Jet Pump Hold Down Beam Transition Arm Region	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
.i1/JP19 BB-3	······································	N/A	RE	υT	100	NRI	3/24/2014	XI-BN-04
let Pump Hold Down Beam Transition Region	BWRVIP-41	N/A					******	
J1/JP19 SJC		N/A	RE	VT-3	100	RI	3/24/2014	XI-BN-04
let Pump Slip Joint Clamp	BWRVIP-41	N/A						INR Li1R15 IVVI-14-09; Evaluated as acceptable under IR1638398
i1/JP19 SJC - Gap		N/A	SP	VT-1	100	NRI	3/24/2014	XI-BN-04
let Pump Slip Joint Clamp Gap Inspection	OPEX	N/A						
.i1/JP19 WD-1	126188	N/A	SP	VT-1	100	RI	3/23/2014	XI-8N-04
let Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 IVVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP19 WD-2a		N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04
let Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP19 WD-2b		N/A	ĠP	VT-1	100	RI	3/23/2014	XI-BN-04
let Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/JP20 AS-2 (SS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-8N-04
Shroud Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP20 AS-2 (VS)		N/A	RE	VT-1	100	NRI	3/24/2014	XI-BN-04
Vessel Side Adjusting Screw Tack Welds	BWRVIP-41	N/A						
Li1/JP20 BB-1	125604	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/JP20 BB-2	128319	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/JP20 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/JP20 SJC		N/A	RE	VT-3	100	NRI	3/24/2014	XI-BN-04
Jet Pump Slip Joint Clamp	BWRVIP-41	N/A						
Li 1/JP20 WD-1	126191	N/A	SP	VT-1	100	RI	3/23/2014	XI-8N-04
Jet Pump Wedge Bearing Surface	BWRVIP-41	N/A						INR Li1R15 (VVI-14-01; Evaluated as acceptable under IR1638361
Li1/JP20 WD-Za		N/A	SP	VT-1	100	RI	3/23/2014	XI-BN-04
Jet Pump Wedge Adjusting Rod Tack Weld - Top	BWRVIP-41	N/A						Wedge Rod exam included in WD-1

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Component ID Description	Summary # Class	Category Item	Exam Reason	leutoA mek3	Percent Coverage	Exam Results	insp. Date Code Cases	Iso Number Exam Comments
Li1/JP20 WD-2b		N/A	SP	VT-1	100	RI	3/23/2014	XI-8N-04
Jet Pump Wedge Adjusting Rod Tack Weld - Bottom	BWRVIP-41	N/A						Wedge Rod exam included in WD-1
Li1/P1A	606010	N/A	RE	EVT-1	45	NRI	3/19/2014	XI-BN-8
Core Spray "A" Loop N5B Thermal Sleeve to T-Box Weld 300 Az	BWRVIP-18	N/A						
Li1/P1B	606015	N/A	RE	EVT-1	45	NRI	3/18/2014	XI-BN-8
Core Spray "B" Loop N5A Thermal Sleeve to T-Box Weld 60 Az	BWRVIP-18	N/A						
Li1/P2A	605020	N/A	RE	EVT-1	100	NRI	3/19/2014	XI-BN-8
Core Spray "A" Loop Header T-Box Cover Plate Weld 300 Az	BWRVIP-18	N/A						
Li1/P2B	606025	N/A	RE	EVT-1	100	NRI	3/18/2014	XI-8N-8
Core Spray "B" Loop Header T-Box Cover Plate Weld 60 Az	BWRVIP-18	N/A						
Li1/P3aA	606030	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "A" Loop Header T-Box to Pipe Weld Right Side 300 Az	BWRVIP-18	N/A						
Li1/P3aB	606040	N/A	RE	EVT-1	65	NRI	3/18/2014	XI-8NI-8
Core Spray "B" Loop Header T-Box to Pipe Weld Right Side 60 Az	BWRVIP-18	N/A						
Li1/P3bA	606035	N/A	RE	UT	100	RI	3/25/2014	XI-BN-8
Core Spray "A" Loop Header T-Box to Pipe Weld Left Side 300 Az	BWRVIP-18	N/A		EVT-!	65	NRI	3/19/2014	Previous indication with no change identified. Ref. CNF-005 Evaluated as acceptable under IR1638744
Li1/P3bB	606045	N/A	RE	EVT-1	65	NRI	3/18/2014	XI-BN-8
Core Spray "B" Loop Header T-Box to Pipe Weld Left Side 60 Az	BWRVIP-18	N/A						
Li1/P4cA	606090	N/A	RE	υT	100	NRI	3/24/2014	XI-BN-8
Core Spray "A" Loop "A" Downcomer Pipe to Elbow Weld 352.5 Az (Shroud Elevation)	BWRVIP-18	N/A						Two-sided UT performed
Li1/P4cB	606095	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8
Core Spray "B" Loop "B" Downcomer Pipe to Elbow Weld 7.5 Az (Shroud Elevation)	BWRVIP-18	N/A						Two-sided UT performed

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Component ID Description	Summary # Class	Category Item	Exam Reason	Actual Exem	Percent Coverage	Exam Results	Insp. Date Code Cases	Iso Number Exam Comments
Li1/P4cC	606100	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8
Core Spray "A" Loop "C" Downcomer Pipe to Elbow Netd 187.5 Az (Shroud Elevation)	BWRVIP-18	N/A						Two-sided UT performed
Li1/P4cD	606105	N/A	RE	UT	100	NRI	3/24/2014	XI-BN-8
Core Spray "B" Loop "D" Downcomer Pipe to Elbow Weld 172.5 Az (Shroud Elevation)	BWRVIP-18	N/A						Two-sided UT performed
Li1/P4dB	606115	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Downcomer Elbow to Shroud Pipe Weld 7 5 Az	BWRVIP-18	N/A						
Li1/P5A	606130	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "A" Loop "A" Downcomer Pipe to Sliding Sleeve Field Weld 352.5 Az	BWRVIP-18	N/A						
Li1/P5B	606135	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Downcomer Pipe to Silding Sleeve Field Weld 7,5 Az	BWRVIP-18	N/A						
Li1/P5C	606140	N/A	RE	EVT-1	65	NRI	3/20/2014	XI-8NI-8
Core Spray "A" Loop "C" Downcomer Pipe to Sliding Sleeve Field Weld 187.5 Az	BWRVIP-18	N/A						
Li1/P5D	606145	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "D" Downcomer Pipe to Sliding Sleeve Field Weld 172.5 Az	BWRVIP-18	N/A						
Li1/P6A	606150	N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Core Spray "A" Loop "A" Sliding Sleeve to Outer Sleeve Field Weld 352.5 Az	BWRVIP-18	N/A						
Li1/P6B	606155	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Sliding Sleeve to Cuter Sleeve Field Weld 7.5 Az	BWRVIP-18	N/A						
Li1/P6C	606160	N/A	RE	EVT-1	65	NRI	3/21/2014	XI-BN-8
Core Spray "A" Loop "C" Sliding Sleeve to Outer Sleeve Field Weld 187.5 Az	BWRVIP-18	N/A						
Li1/P6D	606165	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "D" Sliding Sleeve to Cuter Sleeve Field Weld 172.5 Az	BWRVIP-18	N/A						
Li1/P7A	606170	N/A	RE	EVT-1	65	1RN	3/20/2014	XI-BN-8
Core Spray "A" Loop "A" Outer Sleeve to Pipe Shop Weld 352.5 Az	BWRVIP-18	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
.i1/P7B	606175	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Outer Sleeve to Pipe Shop Neld 7.5 Az	BWRVIP-18	N/A						/. - . · ·
J1/P7C	606180	N/A	RE	EVT-1	65	NRI	3/22/2014	XI-8N-8
Core Spray "A" Loop "C" Outer Sleeve to Pipe Shop Neld 187.5 Az	BWRVIP-18	N/A						
Li1/P7D	606185	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "D" Outer Sleeve to Pipe Shop Neld 172.5 Az	BWRVIP-18	N/A						
i1/P8aA	606190	N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Core Spray "A" Loop "A" Shroud Pipe to Collar Weld 352 5 Az	BWRVIP-18	N/A						
Li1/P8a8	606195	N/A	RĘ	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Shroud Pipe to Collar Weld 7.5 Az	BWRVIP-18	N/A						
Li1/P8aC	606200	N/A	RE	EVT-1	65	RI	3/22/2014	XI-BN-8
Core Spray "A" Loop "C" Shroud Pipe to Collar Weld 187.5 Az	BWRVIP-18	N/A				i	•	INR Li1R15 IVVI-14-15; Evaluated as acceptable under IR1637203
Li1/P8aD	606205	N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Core Spray "B" Loop "D" Shroud Pipe to Collar Weld 172.5 Az	BWRVIP-18	N/A						
LI1/P8bA	606210	N/A	RE	EVT-1	65	NRI	3/20/2014	XI-BN-8
Core Spray "A" Loop "A" Collar to Shroud Weld 352.5 Az	BWRVIP-18	AWA						
Li1/P8bB	605215	N/A	RE	EVT-1	65	NRI	3/19/2014	XI-BN-8
Core Spray "B" Loop "B" Coller to Shroud Weld 7.5 Az	BWRVIP-18	N/A						
Li1/P8bC	606220	N/A	RE	EVT-1	65	NRI	3/22/2014	XI-BN-8
Core Spray "A" Loop "C" Collar to Shroud Weld 187.5 Az	BWRVIP-18	N/A						
Li1/P8bD	606225	N/A	RE	EVT-1	65	NRI	3/20/2014	XLBN-8
Core Spray B Loop "D" Collar to Shroud Weld 172.5 Az	BWRVIP-18	N/A						
Li1/P87	606280	N/A	RE	EVT-1	100	RI	3/20/2014	XI-8N-8
Core Spray "A" Loop "A and C" Header Pipe Vertical Bracket 274,5 Az		N/A						INR Li1R15 IVVI-14-08; Evaluated as acceptable under IR1636447

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
.i1/P88	606285	N/A	RE	EVT-1	100	NRI	3/20/2014	XI-BN-8
Core Spray "A" Loop "A and C" Header Pipe Bracket 845 Az	BWRVIP-18	N/A						
Li1/61C	606300	N/A	RE	EVT-1	100	NRI	3/21/2014	XI-BN-8
'C" Sparger T-Box Cover Plate Weld (187.5 Az)	BWRVIP-18	N/A						
Li1/S1D	606305	N/A	RE	EVT-1	75	NRI	3/20/2014	XI-BN-8
'D" Sparger T-Box Cover Plate Weld (172.5 Az)	BWRVIP-18	N/A						
Li1/S2aC	606330	N/A	RE	EVT-1	50	NRI	3/21/2014	XI-BN-8
'C" Sparger T-Box to Pipe Weld (Right Side) (187.5 Az)	BWRVIP-18	N/A						
Li1/S2aD	606340	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
'D" Sparger T-Box to Pipe Weld (Right Side) (172.5 Az)	BWRVIP-18	N/A						
Li1/S2bC	606335	N/A	RE	EVT-1	50	NRI	3/21/2014	XI-BN-8
C" Sparger T-Box to Pipe Netd (Left Side) (187.5 Az)	BWRVIP-18	N/A						
Li1/S2bD	606345	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8
'D" Sparger T-Box to Pipe Weld (Left Side) (172,5 Az)	BWRVIP-18	N/A						
Li1/S3aXXC	606360	N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8
"C" Sparger Pipe to Nozzie Weld, Typical of 65 Nozzies (XX) (93 - 267 Az)	BWRVIP-18	N/A						INR Li1R15 (VVI-14-11) Evaluated as acceptable under IR1636448
Li1/S3aXXD	606365	N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8
"D" Sparger Pipe to Nozzle Weld, Typical of 65 Nozzles (XX) (93 - 267 Az)	BWRVIP-18	N/A						
Li1/S3bXXC	606380	N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8
"C" Sparger Nozzle to Orifice Weld, Typical of 65 Orifices (XX) (93 - 267 Az)	BWRVIP-18	N/A						INR Li1R15 (VVI-14-11) Evaluated as acceptable under IR1636448
Li1/S3bXXO	606385	N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8
"D" Sparger Nozzle to Onfice Weld, Typical of 65 Onfices (XX) (93 - 267 Az)	BWRVIP-18	N/A						
Li1/S3c4D	606405	N/A	RE	VT-1	100	NRI	3/19/2014	XI-BN-8
"D" Sparger to Orain Pipe Weld (Left Side) (95 Az)	BWRVIP-18	N/A						
Li1/S3c62D	606400	N/A	RE	VT-1	50	NRI	3/21/2014	XI-BN-8
"D" Sparger to Drain Pipe Weld (Right Side) (263 Az)	BWRVIP-18	N/A						

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Component ID	Summary #	Category	Exam Reason	Actual Exam	Percent Coverage	Exam Results	Insp. Date	Iso Number	
Description	Class	kem					Code Cases	Exam Comments	
Li1/S3d4D	608445	N/A	RE	VT-1	50	NRI	3/19/2014	XFBN-8	
'D" Sparger Drain Stitch Welds (Left Side), 2 Welds 180 Deg Apt, (95 Az)	BWRVIP-18	N/A							
Li1/S3d62D	606440	N/A	RE	VT-1	50	NRI	3/21/2014	XI-BN-8	
"D" Sparger Drain Stitch Welds (Right Side), 2 Welds 180 Deg Apt. (263 Az)	BWRVIP-18	N/A							
Li1/S3dXXC	608420	N/A	SP	VT-1	100	RI	3/20/2014	XI-BN-8	
"C" Sparger Nozzle Stitch Welds, 2 Welds 180 Deg Apt. Mult Pics Ea Noz. (93 - 267 Az)	BWRVIP-18	N/A						INR Li1R15 IVVI-14-11; Evaluated as acceptable under IR1636448	
Li1/S3dXXD	606425	N/A	RE	VT-1	50	NRI	3/20/2014	XI-BN-8	
"D" Sparger Nozzle Slitch Welds, 2 Welds 180 Deg Apt, Mult Pics Ea Noz. (93 - 267 Az)	BWRVIP-18	N/A							
Li1/S4eC	606460	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8	
"C" Sparger Pipe to End Cap Weld (Right Side) (267 Az)	BWRVIP-18	N/A							
Li1/S4aD	606465	N/A	RE	EVT-1	50	NRI	3/20/2014	XI-BN-8	
"D" Sparger Pipe to End Cap Weld (Right Side) (267 Az)	BWRVIP-18	N/A							
LI1/S4bC	606480	N/A	RE	EVT-1	50	NRI	3/19/2014	8-1/18-1X	
"C" Sparger Pipe to End Cap Weld (Left Side) (93 Az)	BWRVIP-18	N/A							
Li1/\$4bD	606485	N/A	RE	EVT-1	50	NRI	3/19/2014	XI-BN-8	
"D" Sparger Pipe to End Cap Weld (Left Side) (93 Az)	BWRVIP-18	N/A							
Li1/\$804	606505	N/A	RE	VT-1	70	NRI	3/19/2014	XI-BN-8	
"C and D" Sparger Bracket and Shroud Attachment Welds (96 Az)	BWRVIP-18	N/A							
Li1/\$805	606510	N/A	RE	VT-1	90	NRI	3/20/2014	XI-BN-8	
"C and D" Sparger Bracket and Shroud Attachment Welds (136 Az)	BWRVIP-18	ΝA							
Li1/6806	606515	N/A	RE	VT-1	90	NRI	3/20/2014	XI-BN+8	
"C and D" Sparger Bracket and Shroud Attachment Welds (172,5 Az)	BWRVIP-18	N/A							

Section 1: Limerick 1R15 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Item	Exem 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/S808	606525	N/A	RE	VT-1	90	RI	3/20/2014	XI-BN-8
'C and D" Sparger Bracket and Shroud Attachment Welds (224 Az)	BWRVIP-18	N/A						INR Li1R15 IVVI-14-12; Evaluated as acceptable under IR1636911
Li1/SB09	606530	N/A	RE	VT-1	80	NRI	3/21/2014	XI-BN-8
'C and D" Sparger Bracket and Shroud Altachment Welds (264 Az)	BWRVIP-18	N/A						
Li1/SD	604960	N/A	RE	VT-3-89	100	NRI	3/22/2014	XI-BN-01
Steam Dryer Assembly Welds, Surfaces & Lugs	N/A	N/A						
Li1/SDBH2a		N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-8N-01
Sleam Dryer Bottom Horizontal weld on edge of Hood No. 2 (0 deg side)	BWRVIP-139	N/A						
Li1/SDBH2b		N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Steam Dryer Bottom Horizontal weld on edge of Hood No. 2 (180 deg side)	BWRVIP-139	N/A						
Li1/SDBH5e		N/A	RE	VT-1-89	100	NRI	3/17/2014	XI-BN-01
Steam Dryer Bottom Horizontal weld on edge of Hood No. 5 (0 deg side)	BWRVIP-139	N/A						
Li1/SDBH5b	o ann addellationness as a same announce	N/A	RE	VT-1-89	100	NRI	3/17/2014	XI-BN-01
Steam Dryer Bottom Horizontal weld on edge of Hood No. 5 (180 deg side)	BWRVIP-139	N/A						
Li1/SDCN		N/A	RE	VT-1-89	100	RI	3/17/2014	XI-BN+01
Steam Dryer Cam Muts (48 locations)	BWRVIP-139	N/A						INR LI1R15 IVVI-14-02; Evaluated as acceptable under IR1635145
Li1/SOEB2a		N/A	RE:	VT-1-89	100	NRì	3/19/2014	XI-BN-01
Steam Dryer End Bank vertical weld on curved side of Hood No. 2 (0 deg side)	BWRVIP-139	AVA (
Li1/SDEB2b	****	N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Oryer End Bank vertical weld on perforated side of Hood No. 2 (0 deg side)	BWRVIP-139	N/A						
Li1/SDEB2c		N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Steam Dryer End Bank vertical weld on curved side of Hood No. 2 (180 deg side)	BWRVIP-139	N/A						

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Component ID Description	Summary # Class	Category Item	Exem 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 N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDEB4e		N/A	RE	VT- 1-89	100	NRI	3/19/2014	XI-BN-01
Steam Dryer End Bank vertical weld on curved side of Hood No. 4 (0 deg side)	BWRVIP-139	N/A						
Li1/SOEB4b		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer End Bank vertical weld on perforated side of Hood No. 4 (0 deg. side)	BWRVIP-139	N/A						
Li1/SDEB4c		N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Steam Dryer End Bank vertical weld on curved side of Hood No. 4 (180 deg side)	EWRVIP-139	N/A						
Li1/SDEB4d		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer End Bank vertical weld on perforated side of Hood No. 4 (180 deg side)	BWRVIP-139	N/A						
Li1/SDGB 000 Az		N/A	RE	VT-1-89	100	NRI	3/19/2014	XI-BN-01
Steam Dryer Guide Bracket 000 Degree Azimuth	BWRVIP-139	N/A						
Li1/SDHS4d	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N/A	SP	VT-1-89	100	RI	3/18/2014	XI-BN-01
Steam Dryer Hood Seam Weld 4d	BWRVIP-139	N/A						INR Li1R15 IVVI-14-05; Evaluated as acceptable under IR1635817
Li1/SDLR 041.5 Az		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer Lifting Rod 41.5 Degree Azimuth	N/A	N/A						
Li1/SDLR 138.5 Az		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer Lifting Rod 138.5 Degree Azimuth	N/A	N/A						
Li1/SDLR 221.5 Az		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer Lifting Rod 221.5 Degree Azimuth	N/A	N/A						
Li1/SDLR 318.5 A≥		AVA	RE	VT-1-89	100	RI	3/18/2014	XI-BN-01
Steam Dryer Lifting Rod 318,5 Degree Azimuth	N/A	N/A						INR LI1R15 IVVI-14-06; Evaluate as acceptable under IR1635814
Li1/SDLRDTW		N/A	RE	VT-1-89	100	RI	3/18/2014	XI-BN-01
Steam Dryer Lifting Rod D (318.5 deg) tack welds	BWRVIP-139	N/A						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
								······································
Lit/SDPP5a Steam Dryer Plenum Partition on Hood No. 5 (0 deg side)	BWRVIP-139	N/A N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Li1/SDPP5b		N/A	RE	VT-1-89	100	NRI	3/18/2014	XI-BN-01
Steam Dryer Ptenum Partition on Hood No. 5 180 deg side)	BWRVIP-139	N/A						
Li1/SDSB 004 Az	604970	B-N-2	SP	VT-3	100	RI	3/19/2014	XI-BNN
Steam Dryer Support Bracket Atlachment Weld to RPV	BWRVIP-48	B13.30						Inspected top surface only, INR Li1R15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSB 094 Az	604980	B-N-2	SP	VT-3	100	RI	3/19/2014	XI-BNN
Steam Dryer Support Bracket Attachment Weld to RPV	BWRVIP-48	B13.30						Inspecied top surface only, INR Li1R15 IVVI-14-10 and Li1R15 IVVI-14-14; Evaluated as acceptable under IR1636913 and IR1637212
Li1/SDSB 184 Az	604990	B-N-2	SP	VT-3	100	RI	3/20/2014	XI-BNN
Steam Dryer Support Bracket Alfachment Weld to RPV	BWRVIP-48	B13.30						Inspected top surface only; INR LitR15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSB 274 Az	605000	B-N-2	RE	EVT-1	100	NRI	3/20/2014	XI-BNN
Steam Dryer Support Bracket Atlachment Weld to RPV	BWRVIP-48	B13.30		VT-3	100	RI	3/20/2014	Inspected top surface and vesse attachment weld; INR Li1R15 IVVI-14-10; Evaluated as acceptable under IR1636913
Li1/SDSR	604965	N/A	RE	VT-1-89	100	RI	3/22/2014	XI-BN-01
Steam Dryer Support Ring	BWRVIP-139	MA						INR Li1R15 IVVI-14-13, Evaluated as acceptable under IR1637209
LI1/SDSR Seismic Block 094 Az		N/A	SP	VT- 1-89	100	RI	3/21/2014	XI-8N-01
Steam Dryer Support Ring Seismic Block at 094 Az	BWRVIP-139	N/A						INR Li1R15 IVVI-14-14; Evaluated as acceptable under IR1637212
Li1/SH/SS	605050	N/A	RE	VT-3-89	100	RI	3/25/2014	XI-BN-02
Shroud Head/ Steam Separator Assembly, Shroud Head Bolts, Lugs, Brackets, Welds and Surfaces	N/A	N/A		VT-1-89	100	RI	3/22/2014	INR Li1R15 IVVI-14-17, Li1R15 IVVI-14-18, and Li1R15 IVVI-14- 19; Evaluated as acceptable under IR1640007
Li1/SSLR 059.5 Az	***************************************	N/A	RE	VT- 1-89	100	RI	3/22/2014	XI-BN-02
Steam Separator Lifting Rod 59.5 Degree Azimuth	N/A	N/A						INR Li1R15 IVVI-14-16: Evaluated as acceptable under IR1640007
LII/SSLR 142.5 Az		N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02
Steam Separator Lifting Rod 142.5 Degree Azimuth	N/A	A\/A						

Section 1: Limerick 1R15 IVVI Component Examination Results

Component ID Description	Summary # Class	Category Kem	Exem Reason		Percent Coverage		Insp. Date Code Cases	Iso Number Exam Comments
Li1/SSLR 239.5 Az		N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02
Steam Separator Lifting Rod 239.5 Degree Azimuth	N/A	AUA						
Li1/SSLR 322.5 Az		N/A	RE	VT-1-89	100	NRI	3/22/2014	XI-BN-02
Steam Separator Lifting Rod 322.5 Degree Azimuth	N/A	N/A						

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	
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 Insp		
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
 - 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.
 - 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.
 - 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.
 - 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.
 - Total scope expansion resulted in a total of 111 mechanical snubbers tested with 4 failures, which provided Technical Specification compliance.
- 26 Lisega 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 Lisega hydraulic snubbers were replaced per PM program.
- 2 snubbers were retested as a result of functional test failures in 1R14:
 - o Lisega hydraulic snubber DCA-151-J01-H007 passed its retest. Reference IR 1339475.
 - 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:

- 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)

- Domina is toro opiaj	Subtroll Stramor (151 1214) (11114 1105 arts)
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")	
Allected Flate.	1-VVP-U1B-1 (321.0 X 90)	

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

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
<u> </u>	metalioss 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 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
- Structural Integrity Associates Report 1101502.401, Corrosion Evaluation of the Limerick Mark II Containment, Revision 0 (IR 1364843-07)
- ER-AA-335-014-2003, VT-1 Visual Examination in Accordance with ASME 2001 Edition, 2003 Addenda. Revision 0
- 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
- 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 Reg. 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	OC DESC Depleted DUDGW array bond & column accombine
C0242666	0C-P506 Replaced RHRSW pump bowl & column assembly
C0245200 &	012-0150 Installed 3" HBC-091 Hot tap drain
C0245147	<u>'</u>
C0245201 &	012-0151 Installed 3" HBC-091 Hot tap drain
C0245147	<u>'</u>
C0249335 &	012-0152 Installed 3" HBC-507 Hot tap drain
C0248846	·
C0249336 &	012-0153 Installed 3" HBC-507 Hot tap drain
C0248846	·
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

SYSYEM 041

MAIN STEAM RELIEF VALVES

R1231085 & R1231493	PSV-041-1F013H Replaced MSRV 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 MSRV 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)

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 14-00				
1 00200001 001-1012D 113talled 2 11D0-100110t tab dialit 1111011 1100-1001	ECR 1/L00031	1.2" HRC-183 Hot tan drain in RHRSW nine - ECR 1/1-00031	IN51_1072R	1 C0250867
	- LON 14-00031		1001-10120	0020007

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

١	R1005218	SV-057-101	Replaced 2" val	lve and adjacent piping		

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
ſ	R1195326	0B-K112 Repaired main control room chiller condenser by welding

SYSTEM 092

DIESEL GENENATORS

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 &	1C-P530 Replaced 1-1/2" diesel engine circulation water pump	
C0221658		
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 &	1D1V909 Replace diesel generator engine turbocharger	
C0245440		
C0243453 &	1D2V909 Replace diesel generator engine turbocharger	
C0245440		
C0244419 &	092-1302D Replace 1-1/2" Air start valve	
C0245512		
C0244399	092-1303D Replace 1-1/2" Air start valve	

SYSTEM 103

SNUBBERS

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

65

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

					-	7	
1. Owner		eration Company, LLC		Date	Septe	mber 30, 2013	
		Way, Kennett Square, dress	PA 19348	Sheet 1	_of	2	
2. Plant		nerating Station		Unit	Unit <u>Common</u>		
	3146 Şanato	ga Road, Pottstown, P	A 19464			lo. C0242678	
3. Work Performe	Address Reformed by <u>Exelon Nuclear</u>				Repair Organization P.O. No. Type Code Symbol StampN		elc.
		ame		Authorization No	Authorization No. N		
		oga Road, Pottstown, I	PA 19464	Expiration Date		Not applicat	ole
4. Identification of	System Emergen	cy Service Water	(System 0	11) Line No. HBC-	082	Pum	p 0B-P548
(b) Applicable	Edition of Section Section XI Code	e <u>ASME III</u> 1 XI Utilized for Repairs Case(s) <u>N-686-1</u>	9 <u>71</u> Edit 7 Replacem —	tion, <u>Summer 1973</u> ent Activity 20 <u>01 editio</u>	Addeno	da, <u>N/A</u> nda through 2003	_Code Case
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	* 114-61179 PO# 257803-215	2008	Installed	Yes
* Traceability per	Exelon stock code	number.			····		
7. Description of v	vork: <u>Replaced E</u>	SW pump bowl & colur	mn assembl	y and stuffing box.		· · · · · · · · · · · · · · · · · · ·	
8. Tests conducte		Pneumatic : N ressure <u>110</u> psi		erating Pressure E E N/A °F.	Exempt		

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
CERTICICATE OF COMPLIANOE
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 NoNAExpiration DateNA
Signed J.H. Kramer, site weld administrator Date September 30 , 2013 Owner or Owner's Designee, Title
Owder of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boller 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 29, 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 OCTOSER 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		eration Company, LLC		Date	Aug	gust 21, 2012	
 		Way, Kennett Square, I dress	PA 19348	Sheet1	of	2	
2. Plant		nerating Station		Unit		Common	·····
3146 Sanatoga Road, Pottstown, PA 19464 Address						lo. C0235899 on P.O. No., Job No. 6	etc.
3. Work Performe		clear ame		Type Code Sym Authorization No	bol Stamp	None Not applicab	le
***************************************		oga Road, Pottstown, F dress	PA 19464	Explration Date		Not applicab	le
4. Identification of	System <u>Emerger</u>	cy Service Water	(System 0	11) Line No. HBC-	082	Pum	0D-P548
(b) Applicable	Edition of Section	te ASME III 1 a XI Utilized for Repairs Case(s) N-686-1	/ Replaceme				Code Case
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	instailed	No
		-					
* Traceability per	Exelon stock code	number.	1		1		
7. Description of v	work: Replaced E	SW pump bowl & colur	nn assembly	and stuffing box.			
8. Tests conducte			lominal Ope Fest Temp	rating Pressure E E N/A °F.	xempt :		

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)

	ttached		
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	······································		······································
			···········
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, S	Section XI.
Type Code Symbol Stamp NA	•		
Certificate of Authorization No. NA		Expiration Date	NA NA
Signed J.H. Kramer, site weld administrator Signed J.H. Kramer, site weld administrator	Date	August 21	, 20 <u>12</u>
omoral and analytical trace			
		<u> </u>	
CERTIFICATE OF INSERVICE INSPECT	ON		
I, the undersigned, holding a valid commission issued by the National Board of Boile	r and Pressu	•	
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT	r and Pressu	pected the componen	of ts described
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period 5/14/17 to	r and Pressu have ins	pected the componen	of ts described nd state that
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period 5/14/17 to to the best of my knowledge and belief, the Owner has performed examinations and Owner's Report in accordance with the requirements of the ASME Code, Section XI.	r and Pressu have ins 10/5/1 taken correc	pected the componen 1 a tive measures describ	_of ts described nd state that ed in this
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period 5/14/172 to to the best of my knowledge and belief, the Owner has performed examinations and 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 warr.	have ins i D/5/1 taken correct	pected the componen 1 a tive measures described or implied, concern	of ts described nd state that ed in this
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period SILVITE to the best of my knowledge and belief, the Owner has performed examinations and 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 warre examinations and corrective measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or property damage or a loss of a section of the National Board of Boile or Province or Province of Boile or Province	have ins D/5/ taken correct anty, expresse, neither the	pected the componen , a tive measures describ ed or implied, concern Inspector nor his emp	of ts described and state that sed in this aning the ployer
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period 5/14/12 to the best of my knowledge and belief, the Owner has performed examinations and 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 warre examinations and corrective measures described in this Owner's Report. Furthermore	have ins D/5/ taken correct anty, expresse, neither the	pected the componen , a tive measures describ ed or implied, concern Inspector nor his emp	of ts described and state that sed in this aning the ployer
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT in this Owner's Report during the period 5/14/12 to to the best of my knowledge and belief, the Owner has performed examinations and 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 warn examinations and corrective measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or property damage or a loss of a inspection.	have ins 10/5/1 taken correctanty, expresse, neither the any kind arisi	pected the componen 1	of ts described nd state that led in this ning the ployer with this
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT In this Owner's Report during the period 5/14/17 to to the best of my knowledge and belief, the Owner has performed examinations and 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 warn examinations and corrective measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or property damage or a loss of a inspection. Commissions N/B (397)	have ins 10/5/1 taken correct anty, expresse, neither the any kind arisi	pected the componen 1 a tive measures describ and or implied, concern Inspector nor his empry from or connected	of ts described nd state that led in this ning the ployer with this
I, the undersigned, holding a valid commission issued by the National Board of Boile or Province of Pennsylvania and employed by HSBCT Hartford, CT In this Owner's Report during the period 5/14/17 to to the best of my knowledge and belief, the Owner has performed examinations and 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 warn examinations and corrective measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or property damage or a loss of a inspection. Commissions N/B (397)	have ins 10/5/1 taken correct anty, expresse, neither the any kind arisi	pected the componen 1	of ts described nd state that led in this ning the ployer with this

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

1. Owner		eration Company. ame	пс	Date	M	ay 24, 2012	
		Way, Kennett Squ dress	iare, PA 19348	Sheet	of	22	
2. Plant		nerating Station		Unit		Common	······································
		oga Road, Pottstov dress	vn PA 19464			Order No. R1103501 tion P.O. No., Job No.	
3. Work Perform	ed by <u>Exelon Nu</u> N	clear ame		Type Coc	de Symbol Stampation No.		
		oga Road, Pottsto dress	wn PA 19464	Expiration	n Date	N/A	
4. Identification of	of System: Emerger	ncy Service Water	(System	011) Line No.	HBC-138-03	Valve	011-0032A
(b) Applicab	le Edition of Section le Section XI Code	n XI Utilized for Re	pairs or Repla			N/A Code Cases through 2003	3
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 pe	r Exelon stock code	number.					
7. Description of8. Tests conduct			Nominal (Operating Pressure	Exempt	<u> </u>	

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.
Certificate of Authorization No. NA Expiration Date I
Signed J. J.H. Kramer (site weld administrator) Date May 24 , 2012 Owner's Designee. Title
Owner's Designee, Title
CERTIFICATE 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 CENNSYLVANIA and employed by HSBCT of Hartford, CT have inspected the components described
in this Owner's Report during the period \(\frac{\fra
to 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 + M + M
Commissions NB 13977 A, N, T PA 3020 National Board, State, Province, and Endorsements
<u> </u>
Date OCTOBER 2012

					·		
1. Owner	Exelon Gener Nar	ation Company, LL	Date		May 3, 2014		
***************************************	200 Exelon V Addr	/ay, Kennett Squar	e, PA 19348	Sheet1	_ of	2	
2. Plant	Limerick Gen Nar	erating Station ne		Unit		Common	
	3146 Sanatoo Addi	a Road, Pottstown, ess	PA 19464			0248846 & C0249332 on P.O. No., Job No. e	
3. Work Performed	by <u>Exelon Nucl</u>	ar		Type Code Sym	nbol Stamp	None	
	Nar	ne		Authorization N	0	Not applicab	<u>ie</u>
	3146 Sanato Add	ga Road, Pottstown	n, PA 19464	Expiration Date		Not applicab	ie
4. Identification of			(System	011) Line No. SP-	HBC-083-0	D1F Valve	011-0466
(b) Applicable	Edition of Section		irs / Replacer	lition, <u>Winter 74</u> ment Activity 20 <u>01 editio</u>			
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 E	xelon stock code r	number.	·				
7. Description of w	ork: <u>Installed a 2"</u>	ESW drain via "Hot	Tap" process	S			
8. Tests conducted	•	Pneumatic ☐ 1_psi Test Tem		Operating Pressure ■ °F.	Exempt		
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							

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J. J.H. Kramer, Site weld administrator Date May 3, 2014 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CEPTIFICATE OF INICEPLIES INCRECTION
CERTIFICATE 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.
Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date <u>MAY 7,</u> 2014

1. Owner	Exelon Gener Nar	ration Company, LL	.c	Date	N	ay 3, 2014	
	200 Exelon V Addr	/av. Kennett Square	e, PA 19348	Sheet 1	_ af	2	
2. Plant				Unit		Common	
	Nar	ne					
		a Road, Pottstown,	PA 19464			0248846 & C0249333	
	Addı	ess		•	-	on P.O. No., Job No. e	etc.
3. Work Performed	l by <u>Exelon Nucl</u> Nar			Type Code Syn Authorization N			la .
	3146 Sanato Add	ga Road, Pottstowr ress	1, PA 19464	Expiration Date		Not applicab	le
4. Identification of 5	System <u>Emerger</u>	cy Service Water	(System	011) Line No. SP-	HBC-084-0	D1F Valve	011-0467
(b) Applicable	Edition of Section	ASME III XI Utilized for Repa ase(s) N-686-1	irs / Replacer	dition, <u>Winter 74</u> ment Activity 20 <u>01 editio</u>	Adde	enda, <u>N/A</u> C nda through 2003	ode Case
6. Identification of 6	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 E	xelon stock code r	number.	l	<u>1</u>	L	<u> </u>	1
7. Description of w	ork: Installed a 2"	ESW drain via "Hot	Tap" process	S			
•	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 TempN/A°F.						
tion in items 1 to recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet,	may be used, provided and (3) each sheet is nu	mbered and	the number of sheets	ma- is

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 1.	ion XI.
Type Code Symbol Stamp NA	
	81/
Certificate of Authorization No. NA Expiration Date	
Signed J. W. J.H. Kramer, Site weld administrator Date May 3, 2014	
Owner or Owner's Designee, True	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and t	ha Cinia
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	tate that
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	I U II O
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning	the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe	er
shall be 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 Endorsement	is
Date	

1. Owner	Exelon Gener	ration Company, LL	С	Date	Ma	arch 11, 2013	
w	200 Exelon V Addr	/ay, Kennett Square	e, PA 19348	Sheet1	of	2	
2. Plant	Limerick Gen Nar	erating Station ne		Unit		Common	
	3146 Sanatog Addi	a Road, Pottstown, ess	PA 19464			0245199 & C0245147 on P.O. No., Job No. e	
3. Work Performed	by Exelon Nucl	ear		Туре Code Syrr	nbol Stamp	None	
	Na	ne		Authorization N	o	Not applicab	le
	3146 Sanato Addi	ga Road, Pottstowr	n, PA 19464	Expiration Date		Not applicab	le
4. Identification of S	System <u>Emerger</u>	cy Service water	(System 0	11) Line No. SP-	HBC-083-00	01F Valve	011-0468
(b) Applicable	Edition of Section		irs / Replacer	lition, <u>Winter 74</u> nent Activity 20 <u>01 editio</u>			
6. Identification of 0	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 E	xelon stock code r	number.	· · · · · · · · · · · · · · · · · · ·				·
7. Description of w	ork: Installed a 2" o	frain connection to	20" ESW line	class HBC-083-1 via "H	ot Tap" prod	cess.	
8. Tests conducted	d: Hydrostatic C		Nominal (Operating Pressure	Exempt 0		
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 (£00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, N.J. 07007-2300							

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed 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 Inseed the components described in this Owner's Report during the period PECEMBR 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. Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 15, 2013

							
1. Owner	Exelon Gener Nan	ation Company, LL	Date	M	ay 3, 2014		
		/ay, Kennett Squar	e. PA 19348	Sheet1	_ of	2	······
2. Plant	Limerick Gene Nar	erating Station		Unit		Camman	<u>.</u>
	1460						
	3146 Sanatog Addr	<u>a Road, Pottstown,</u> ess	PA 19464			248846 & C0249334 on P.O. No., Job No. 6	etc.
3. Work Performed	by Exelon Nucl	ear		Туре Code Syrr	nbol Stamp	None	
	Nar	ne		Authorization N	o	Not applicab	le
	3146 Sanato Addi	ga Road, Pottstowr	n, PA 19464	Expiration Date		Not applicab	le
4. Identification of S	System Emergen	cy Service Water	(System	011) Line No. SP-	HBC-084-00	D1F Valve	011-0469
(b) Applicable	Edition of Section :	ASME III XI Utilized for Repa ase(s) N-686-1	irs / Replacer	lition, <u>Winter 74</u> ment Activity 20 <u>01 editio</u>	Adde n with adde	enda, <u>N/A</u> C nda through 2003	ode Case
6. Identification of 6	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 E	xelon stock code r	number.		J	L	<u> </u>	I
7. Description of w	ork: Installed a 2"	ESW drain via "Hot	Tap" process	s.			
8. Tests conducted	l: Hydrostatic 🗆		Nominal (Operating Pressure	Exempt []		
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							

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.
Bail 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
Cadificate of Authorization No. NA.
Signed J.H. Kramer, Site weld administrator Date May 3 , 2014
Control of
CERTIFICATE 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
to 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 Unspector's Signature National Board, State, Province, and Endorsements
Cinspector's Signature National Board, State, Province, and Endorsements
Date MAY 7, 2014
i e e e e e e e e e e e e e e e e e e e

Owner Exelon Generation Company, LLC Name				Date	М	ay 10, 2014	
	200 Exelon Way, Kennett Square, PA 19348 Address				_of	2	
2. Plant	Limerick Gen Nar			Unit		1	
	3146 Sanatog Addi	a Road, Pottstown, ess	PA 19464	Repair		rder C0230915 on P.O. No., Job No. e	etc.
3. Work Performed				Type Code Syn			
	Nar	me		Authorization N			le
	3146 Sanato Addi	<u>ga Road, Pottstowr</u> ess	n. PA 19464	Expiration Date		Not applicab	le
4. Identification of S	System <u>Emerger</u>	cv Service Water	(System	011) Line No. HBC-1	43 & HBC-	168 Valves 011-	1009 & 1012
(b) Applicable	Edition of Section		irs / Replacer	iition, <u>Winter 74</u> nent Activity 20 <u>01 editio</u>			ode Case
6. Identification of 0	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 E	xelon stock code r	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: Supplen	nental sheets in for	rm of lists, sketches	. or drawings	may be used, provided	(1) size 8 1/	/2 in. x 11 in (2) infor	ma-

tion 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

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
Signed J.H. Kramer, Site weld administrator Date May 10 , 2014
Canal di Canal di Bedigileo, into
CERTIFICATE 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
have inspected the components described in this Owner's Report during the period JANNICY 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.
Commissions_14396 A, N, I PA 3045
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
DateMky 13,2014

1. Owner	Exelon Generation Company, LLC Name				Janu	ary 24, 2013	alid - magazini	
<u></u> ,,,,,	200 Exelon Way, Kennett Square, PA 19348 Address				c	f2		
2. Plant	Limerick Generating Station Name				Unit1			
	3146 Sanato Addi	ga Road, Pottstow ess	m, PA 19464	Rep	Work Order C0232314 Repair Organization P.O. No., Job No. etc.			
3. Wark Performed t	y <u>Exelon Nucl</u> Nar			Type Code S Authorization	symbol Stamp No.	N/A N/A		
·	3146 Sanato Add	ga Road, Pottstow ess	m. PA 19464	Expiration Da	ate	N/A		
4. Identification of Sy	/stem_Emergen	cy Service Water	(System 01	1) Line No. HE	3C-151	Valve	011-1023A_	
(b) Applicable E	dition of Section ection XI Code C		air / Replacem	n, Winter 1 ent Activity 20 <u>01 will</u>		da <u>, N/A</u> Co ugh <u>2003</u>	de Case	
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 Ex		•						
7. Description of Wo 8. Tests conducted:	Hydrostatic ::	ergency service w Pneumatic -: ressure121_psi	Nominal Op	ve and adlacent piping erating Pressure				

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

9. Remarks : Manufacturers data reports are traceable by work order package.
Applicable Manufacturer's Data Reports to be attached
Flowserve 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 James Designee, Title Signed James Date January 24 , 2013
CERTIFICATE 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
or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period LI/I/I/I/I 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.
Matter Commissions N/3 13977 A.N. F. PA 30 20 Inspector's Signature Commissions N/3 13977 A.N. F. PA 30 20 National Board, State, Province, and Endorsements
Date 25 1 ANUARY 20 13

1.	Owne	r Exelon Generation Company, LLC Name	Date January 2	3, 2013
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet of	2
2.	Plant	Limerick Generating Station Name	Unit1	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Work Order CO Repair Organization P.C	
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	Identi	fication of System Emergency Service Water (System 011)	Line No. HBC-151	Valve 011-1024
5.	(b)	Applicable Construction Code <u>ASME III</u> 19 <u>74</u> Edition, Applicable Edition of Section XI Utilized for Repair / Replacement Act Applicable Section XI Code Case(s) <u>N-686-1</u>		
6.	ldenti	fication 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

*	Traceabilit	/ P	er	Exelon	stock	code	and	purchase order number
---	-------------	-----	----	--------	-------	------	-----	-----------------------

7.	Description of Work	: Replaced	emergency service wa	ter globe valve and adjacent piping.	
8.	Tests conducted:	Hydrostatic	Pneumatic □	Nominal Operating Pressure	Exempt 0
		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.

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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, 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
in this Owner's Report during the period 10/15/12 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 / Commission NB 13977 AN 7 04 3020
Commissions Ni3 i 3977 A, N, Z PA 3020 Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date 31 JANUARY 2013

1. Owner		ration Company, LL	С	Date	M	ay 21, 2014					
	Nan	ne									
	200 Exelon V Addı	/av, Kennett Square ess	e, PA 19348	Sheet1	_ of	2					
2. Plant	Limerick Gen Nar	erating Station ne		Unit		1					
	3146 Sanatoga Road, Pottstown, PA 19464 Work Order C0239002 Address Repair Organization P.O. No., Job No. etc.										
3. Work Performed	by <u>Exelon Nucl</u>			•	nbol Stamp	None					
			m. 10101								
	3146 Sanato Addi	<u>ga Road, Pottstowr</u> ress	1, PA 19464	Expiration Date)	Not applicab	le				
4. Identification of §	System Emerger	cy Service Water	(System	011) Line No. HB0	C-138-04	Valve	011-1087				
(b) Applicable	Edition of Section	ASME III XI Utilized for Repairase(s) N-686-1	irs / Replacer	ition, <u>Winter 74</u> nent Activity 20 <u>01 editio</u>	Adde on with adde	inda, <u>N/A</u> C nda through 2003	ode Case				
6. Identification of 0	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 E	xelon stock code r	number.	 			·,	·				
Description of war 8. Tests conducted		Pneumatic 🗇		th a ball valve and stain Operating Pressure °F.	less plping. Exempt 🗆	,					
NOTE: Sumplen			or drawings	may be used provided	l (1) size 8 1	/2 in x 11 in (2) infor	ma-				

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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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.	
Pall value 011 1007 was apparented in passardance with ASME III 1000 addition as addedda	
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 On J. bl. J.H. Kramer, Site weld administrator Date May 21 , 2014	
Wher or Owner's Designee, Title	
CERTIFICATE 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 <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> of	
to 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.	
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date Signed J. H. Kramer, Site weld administrator Date May 21, 2014 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of Pennsylvania and employed by HSB Global Standards Hartford, Connecticut have inspected the components described in this Owner's Report during the period PECEMBER 2, 2013 to MAY 27, 2014, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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 the state of the ASME code, section XI.	
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date Signed J.H. Kramer, Site weld administrator Date May 21 , 2014 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of Pennsylvania and employed by HSB Global Standards Hartford, Connecticut have inspected the components described in this Owner's Report during the period PECEMBER 2, 2013 to MAY 27, 2014 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in to 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 the inspection. Commissions 14396 A, N, I PA 3045	
Commissions 14396 A. N. I. PA 3045	
Inspector's Signature National Board, State, Province, and Endorsements	
Date <u>MAY 27, 2014</u>	
·	

 Owner 	Exelon Gen	eration Company.	LLC	Date	Date August 10, 2013			
	Nai	me						
•	200 Exelon \	Way, Kennett Squa	re, PA 19348	Sheet	0	f4		
	Add	ress						
2. Plant	Limerick Ge Na	nerating Station		Unit		1		
	IVa	ili a						
	3146 Sanato Add	ga Road, Pottstow	n, PA 19464			C0244046 (supply)	-4	
	Add	iess		ne	pair Organizatio	on P.O. No., Job No. 6	€C.	
3. Work Performed	/	····	 .	Type Code \$	Symbol Stamp	N/A		
	ina	me		Authorizatio	n No.	N/A		
		oga Road, Pottstow ress	m, PA 19464	Expiration D	ate	N/A		
			<i>1</i> 7					
4. Identification of S	ystem <u>Emergen</u>	cy Service Water	ISystem 011) Line No. Hi	3C-141 ESW	Supply to 1C-V211 a	nd 1G-V211	
5. (a) Applicable C	onstruction Code	ASME III 1	974 Edition,	Winter	1974 Addend	ta, <u>N/A</u> Co	de Case	
		XI Utilized for Hepa Case(s) N-68 <u>6-1</u>		ent Activity 20 <u>01 wil</u>	h addenda thro	ugh 2003		
, , , ,								
6. Identification of C	omponents							
						Corrected,	ASME	
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Removed or	Code	
Component				identification		Installed	Stamped	
2" Ball Valve HV-011-101C	BNL Industries	A101001-1-16	N/A	* 114-80960 PO 040469	2011	Installed	Yes	
2" Ball Valve	BNL	A101001-1-13	N/A	* 114-80960	2011	In a ball and	Yes	
HV-011-101G	Industries	A101001-1-13	IN/A	PO 040469	2011	Installed	res	
2" Globe Valve	Rockwell	AG 080	N/A	N/A	N/A	Removed	Yes	
HV-011-101C								
2" Globe Valve	Flowserve	56 BEJ	N/A	N/A	N/A	Removed	Yes	
HV-011-101G		DIV 400		****	0044			
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 Ex	elon stock code	and purchase orde	r number		·		<u></u>	
7. Description of W	ork: Replaced c	arbon steel emerce	ency service wa	ater supply piping a	nd valves to un	nit coolers 1C-V211 a	nd 1G-V211	
with stainless steel					w., xx xx xi		150 150 111	
8 Tests conducted:	Hydrostatic ::	Pneumatic ":	Nominal One	erating Pressure	Exempt			

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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Pressure 101_psi Test Temp. N/A °F.

Other

1.	Owner	Exelon Generation Company, LLC Name	DateAugust 1	0, 2013
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet <u>2</u> of	4
2.	Plant	Limerick Generating Station Name	Unit1	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Work Order C024 Repair Organization P	
3.	Work Performed by	Exelon Nuclear Name	Type Code Symbol Stamp Authorization No	
	***************************************	3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	Identification of Sys	tern Ernergency Service Water (System 011)	Line No. HBC-141 ESW Sur	pply to 1C-V211 and 1G-V211
5.	(b) Applicable Edi	struction Code <u>ASME III</u> 19 74 Edit tion of Section XI Utilized for Repair / Replacement Ac ction XI Code Case(s) <u>N-686-1</u>		

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

	·				
1.	Owner	Exelon Generation Company, LLC Name	Date	August 10,	2013
	-	200 Exelon Way, Kennett Square, PA 19348 Address	Sheet 3	of	4
2.	Plant	Limerick Generating Station Name	Unit	11	
		3146 Sanatoga Road, Pottstown, PA 19464 Address		order C0244046 ganization P.O. I	(supply) No., Job No. etc.
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Authorization No.	Stamp	N/A N/A
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	· · · · · · · · · · · · · · · · · · ·	N/A
4.	Identif	ication of System Emergency Service Water (System 011)	Line No. HBC-141	ESW Supply	to 1C-V211 and 1G-V211
5.	(b) A	pplicable Construction Code <u>ASME III</u> 19.74 Edit Applicable Edition of Section XI Utilized for Repair / Replacement Ac Applicable Section XI Code Case(s) <u>N-686-1</u>			

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"x3"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

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.	·····
ENL 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 Loartify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date	
Flowserve gate valves are manufactured in accordance with ASME III, 2004 edition, no addenda.	
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 Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date Signed J. H. Kramer, site weld administrator Other or Owner's Designee, Title CERTIFICATE 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 National Board of ANA 7, 2013 DO CYTDEA 23, 2013 ANA 7, 2013 By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and 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 LOWNER SIGNATURE INSPECTION Commissions LAN J. PA 3045 National Board, State, Province, and Endorsements	
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 Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date September 23. 2013 Signed J. H. Kramer, site weld administrator Date September 23. 2013 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by HSECT National Board of Boller and Pressure Vessel Inspector or Pennsylvania and Endorsements of the ASME Code, Section XI By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or properly damage or a loss	
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 StampNA	
Certificate of Authorization No NA Expiration Date	NA.
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, Set Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date Signed J. H. Kramer, site weld administrator Other or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of Pennsylvania and employed by HSBCT Hartford, CT In this Owner's Report during the period ANY 7, 2013 to CYDBC 23, 2c13 and state to the best of my knockedge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report Inspector on the employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be 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 Lago AN N. 1 PA 3045 National Board, State, Province, and Endorsements	
CERTIFICATE OF INSERVICE INSPECTION	
or Province of Pennsylvania and employed by HSBCT	of
in this Owner's Report during the period MAY 7, 2013 to OCTOBER 23, 2013 and s	state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section XI	in this
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	er
inspection.	
Commissions 14206 A ALL DA 2046	
Inspector's Signature National Board, State, Province, and Endorsem	ents
Date (*) C4066123, 2013	

1. Owner			LLC	Date	Oct	tober 5, 2013	
			are, PA 19348	Sheet	0	f4	
2. Plant				Unit		1	
	Nar	ne					
	 		m. PA 19464				etc.
3 Work Parformed I	ny Evalon Nucl	aar		Type Code 5	Sumbal Stamp	NI/A	
3. Work renormed i							
			m, PA 19464	Expiration D	ate	N/A	
	Addi	ess					
4. Identification of S	ystem <u>Emergen</u>	cy Service Water	(System 011)) Line No. H	3C-150 ESW	I return from 1C-V211	& 1G-V211
(b) Applicable E	dition of Section :	XI Utilized for Rep	air / Replaceme	Winter on Activity 2001 wi	1974 Addend th addenda thro	da, <u>N/A</u> Co ugh 2003	de Case
6. Identification of C	omponents						
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
Name 3146 Sanatoga Road, Pottstown, PA 19464 Address Repair Organization P.O. No., Job No. etc. 3. Work Performed by Exelon Nuclear Name Name 3146 Sanatoga Road, Pottstown, PA 19464 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 19.74 Edition. Winter 1974 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity 2001 with addenda through 2003 (c) Applicable Section XI Code Case(s) N-686-1 5. Identification of Components Name of Components Name of Manufacturer Serial No. Ramond Identification Po. No. Removed or Installed Stamped 2° Globe Valve 011-1026C Plowserve 71 BVG N/A 114-80982 2013 Installed Yes 011-1026C 2° Globe Valve Plowserve 70 BVG N/A 114-80982 2013 Installed Yes 011-1026C 2° Globe Valve Rockwell WA 822 N/A N/A N/A Removed Yes 011-1026C 2° Globe Valve Rockwell WA 822 N/A N/A N/A Removed Yes 011-1026C 2° Globe Valve Rockwell WA 826 N/A N/A N/A Removed Yes 011-1026C 3° Gate Valve Rockwell WA 826 N/A N/A N/A Removed Yes 011-1026C 3° Gate Valve Anchor E-A121-1-7 N/A N/A N/A Removed Yes 011-1027C 3° Gate Valve Anchor E-A121-1-7 N/A N/A N/A N/A Removed Yes 011-1027C 3° Gate Valve Anchor E-A121-1-7 N/A N/A N/A N/A Removed Yes 011-1027C 3° Gate Valve Anchor E-A121-1-7 N/A N/A N/A N/A Removed Yes 011-1027C 3° Gate Valve Anchor E-A121-1-7 N/A N/A N/A N/A Removed Yes 011-1027C 4° 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							
			ncy service wat	er retum piping and	d valves from u	nit coolers 1C-V211 a	nd 1G-V211.
8. Tests conducted:	Hydrostatic :	Pneumatic :	Nominal Ope	erating Pressure	Exempt :		

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

Pressure 101 psi Test Temp. N/A °F.

1.	Owner	Exelon Generation Company, L Name	LC	Date		October 5, 2	2013	· · · · · · · · · · · · · · · · · · ·
		200 Exelon Way, Kennett Squar Address	re, PA 19348	Sheet	2	of	4	
2.	Plant	Limerick Generating Station Name		Unit		1		
	····	3146 Sanatoga Road, Pottstown Address	PA 19464	В		der C0244046 nization P.O. I		etc.
3.	Work Performed b	y <u>Exelon Nuclear</u> Name				tamp		
		3146 Sanatoga Road, Pottstown Address	ı, PA 19464	Expiration I	Date		N/A_	
4.	. Identification of Sy	stem_Emergency Service Water	(System 011)	Line No. H	IBC-150	ESW_return (from 1C-V21	1 &1G-V211
5.	(b) Applicable E	onstruction Code <u>ASME III</u> dition of Section XI Utilized for Repa ection XI Code Case(s) <u>N-686-1</u>						_Code Case

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	Sandvík 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	Westem Forge & Flange	Heat No. 1341 ANE	N/A	* 114-5635 9 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"x3"x2" 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

1.	Owner	Exelon Generation Company, L Name	rc	Date		October 5	2013	
		200 Exelon Way, Kennett Squa Address	re, PA 19348	Sheet	3	of	4	
2.	Plant	Limerick Generating Station Name		Unit		1		
	_	3146 Sanatoga Road, Pottstown Address	<u>PA 19464</u>			order C024404 ganization P.O.		etc.
3.	Work Performed b	y <u>Exelon Nuclear</u> Name	P			Stamp		
		3146 Sanatoga Road, Pottstown Address	n, PA 19464	Expiration	Date		N/A	
4.	Identification of Sy	stem <u>Emergency Service Water</u>	(System 011) Line No.	HBC-150	ESW return	from 1C-V21	1 & 1G-V211
5.	(b) Applicable E	onstruction Code <u>ASME III</u> dition of Section XI Utilized for Repa ection XI Code Case(s) <u>N-686-1</u>	air / Replacemer	Edition, Wint Activity 2001	nter 1974 with adder	Addenda, nda through 20	N/A 103	Code Case

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	Sandvík	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

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.
TOTAL DESIGNATION OF THE PROPERTY OF THE PROPE
Clauses and alaba values are monufactured in passed was with ACME III 0004 addition an addition
Flowserve 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.
The requirements that on the report are correct and that this confidents to the requirements of the ASME Code, Section As
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
a 1 1 1
Signed J. H. Kramer, site weld administrator Date October 5, , 2013 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
OLITINION CONTROLLINO PROPERTION
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 OCOBEA 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.
Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date <u>October</u> 23, 2013
'

1. Owner	Exelon Generation Company, LLC Name			Date	Febr	ruary 22, 2014			
manage spage - on a second	200 Exelon \	Vay, Kennett Squa	are, PA 19348	Sheet	1o	ıf4			
2. Plant	<u>Limerick Ge</u> Nar	nerating Station ne		Unit		1			
	3146 Sanato Addi	ga Road, Pottstow ress	n, PA 19464	Re		C0244060 (supply) on P.O. No., Job No. e	etc.		
3. Work Performed t	oy <u>Exelon Nucl</u> Nai		· · · · · · · · · · · · · · · · · · ·	Type Code S	Type Code Symbol Stamp N/A Authorization No. N/A				
	3146 Sanato Add	ga Road, Pottstow ress	n, PA 19464	Expiration D	ate	N/A			
4. Identification of Sy	ystem <u>Emergen</u>	cy Service Water	(System 011)	Line No. HE	3C-141 ESW	Supply to 1D-V211 a	nd 1H-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 Repair / Replacement Activity 2001 with addenda through 2003 (c) Applicable Section XI Code Case(s) N-686-1									
6. Identification of C	omponents								
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 Ex7. Description of W with stainless steel	ork: Replaced ca	arbon steel emerg		ater supply piping a	nd valves to ur	nit coolers 1D-V211 ar	nd 1H-V211.		
8. Tests conducted:		Pneumatic () ressure 105 ps		rating Pressure N/A °F.	Exempt 🖫				

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

4	Owner	Evolon Conception Company	шс	Data		Eshausa 22	2014	<u> </u>
1.	Owner	Exelon Generation Company. Name	LLC	Date		February 22	. 4014	
		200 Exelon Way, Kennett Squa Address	are, PA 19348	Sheet	2	of	4	4
2.	Plant	Limerick Generating Station Name		Unit		1		
	•	3146 Sanatoga Road, Pottstown Address	n, PA 19464	F		rder C024406 anization P.O.		etc.
3.	. Work Performed	by <u>Exelon Nuclear</u> Name		Type Code Authorizati	e Symbol S ion No	Stamp	N/A N/A	
		3146 Sanatoga Road, Pottstov Address	vn, PA 19464	Expiration	Date	<u></u>	N/A	
4.	. Identification of 8	System Emergency Service Water	(System 011) Line No. I	HBC-141	ESW Supply	to 1D-V211	and 1H-V211
5.	(b) Applicable	Construction Code <u>ASME III</u> Edition of Section XI Utilized for Rep Section XI Code Case(s) <u>N-686-1</u>	air / Replacemen	Edition, Win at Activity 20 <u>01 v</u>	nter 1974 with adden	_Addenda, da through 200	N/A 03	Code Case

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	Westem 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

1.	Owne	Exelon Generation Company, LLC Name	Date _	· · · · · · · · · · · · · · · · · · ·		February	22, 2014	
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet	3	3	of		<u> </u>
2.	Plant	Limerick Generating Station Name	Unit _	······		1		,
		3146 Sanatoga Road, Pottstown, PA 19464 Address				·	060 (supply) D. No., Job No	. etc.
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type C Author	Code Symi rization No	bol Sta	amp	N/A N/A	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expira	tion Date	***************************************		N/A	
4.	ldenti	fication of System Emergency Service Water (System 011)	Line N	o, HBC-1	41	ESW Supp	oly to 1D-V211	and 1H-V211
5.	(b) /	pplicable Construction Code <u>ASME III</u> 19 <u>74</u> Edit Applicable Edition of Section XI Utilized for Repair / Replacement Ac Applicable Section XI Code Case(s) <u>N-686-1</u>						Code Case

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"x3"x2" 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

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 X
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date N
Signed
CERTIFICATE 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 $4 \sim 4 \circ \sqrt{2}$ to $2 \circ 13$ to $2 \circ 14$, and state that
In this Owner's Report during the period Acade 25, 25 is to Magain 4, 2519, and state that to 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 MARCH 1, 2014

1. Owner	Exelon Gene Nar	eration Company,	пс	Date	Febru	ary 24, 2014			
<u></u>		Vay, Kennett Squa	are, PA 19348	Sheet		ıi <u>4</u>			
2. Plant	Limerick Ger Nar	nerating Station ne		Unit		1			
<u></u>	3146 Sanato Addr	ga Road, Pottstow ess	m, PA 19464		Work Order C0244060 (return) Repair Organization P.O. No., Job No. etc.				
3. Work Performed b	y <u>Exelon Nucl</u> Nar				Symbol Stamp n No.				
	3146 Sanato Addr	ga Road, Pottstow	m, PA 19464		ate				
4. Identification of Sy	rstem <u>Ernergend</u>	cy Service Water	(System 011)	Line No. HE	3C-150 ESV	V return from 1D-V211	& 1H-V211		
	dition of Section 2		air / Replaceme	Winter 1 nt Activity 20 <u>01 wil</u>			de Case		
6. Identification of Co	omponents								
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

Pressure 105 psi Test Temp.

1.	Owner	Exelon Generation Company, LLC Name	Dat	Date February 24, 2014				
		200 Exelon Way, Kennett Square, F Address	<u>'A 19348</u> She	et2_	of	44		
2.	Plant	Limerick Generating Station Name	Uni	it	1			
		3146 Sanatoga Road, Pottstown, PA Address	19464		der C0244060 (inization P.O. No		c.	
3.	Work Performed by	Exelon Nuclear Name	Tyş	pe Code Symbol S thorization No	tamp	N/A N/A		
		3146 Sanatoga Road, Pottstown, P. Address	<u>A 19464</u> Ex	piration Date		N/A		
4.	Identification of Sys	tem_Emergency Service Water(System 011) Lin	e No. HBC-150	ESW return fro	m 1D-V211	&1H-V211	
5.	(b) Applicable Ed	nstruction Code <u>ASME III</u> Ition of Section XI Utilized for Repair / F ction XI Code Case(s) <u>N-686-1</u>	_19 <u>74</u> Edition,_ Replacement Activity	Winter 1974 20 <u>01 with addend</u>	_Addenda, la through 2003	N/A —	Code Case	

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. 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
(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"x3"x2" 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.	Owner Exelon Generation Company, LLC Name	Date <u>Febru</u>	ary 24, 2014
	200 Exelon Way, Kennett Square, PA 19348 Address	Sheet 3 of	4
2.	Plant Limerick Generating Station Name	Unit	1
	3146 Sanatoga Road, Pottstown, PA 19464 Address		244060 (return) n P.O. No., Job No. etc.
3.	Work Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No.	
	3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
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 19 74 Ed (b) Applicable Edition of Section XI Utilized for Repair / Replacement A (c) Applicable Section XI Code Case(s) N-686-1		

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	Lat 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

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.
Flowserve 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 X Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA Signed 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 Avgure 74, 2013 to MMCH 1/2014, 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 MARCHY, 2014

1. Owner	Exelon Gener	ration Company, LL	.c	Date	М	ay 30, 2014					
	Nar										
	200 Exelon V Addı	Vav, Kennett Squar ess	e, PA 19348	Sheet1	_ of	3					
2. Plant	Limerick Gen Nar	erating Station ne	· · · · · · · · · · · · · · · · · · ·	Unit		1	·				
		a Road, Pottstown,	PA 19464		Work Orde	er No. C0248837	· · · · · · · · · · · · · · · · · · ·				
	Addı	ess		Repair	r Organizatio	on P.O. No., Job No. e	tc.				
3. Work Performed				Type Code Sym	nbol Stamp	None					
	Nai	me		Authorization N	o	Not applicab	<u>e</u>				
	3146 Sanato Addi	ga Road, Pottstowr ress	n, PA 19464	Expiration Date		Not applicab	<u>e</u>				
4. Identification of S	System <u>Emergen</u>	cy Service Water	(System 01	1) Line No. HBC	-141-01, H	BC-141-03 and HBC-	150-03				
(b) Applicable	(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003										
6. Identification of C	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 E	xelon stock code r	number.									
	* Traceability per Exelon stock code number. 7. Description of work: Replaced carbon steel ESW piping with stainless steel. 8. Tests conducted: Hydrostatic Preumatic 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

1.	Owner	Exelon Generation Company, LLC	Date	May 30, 2014					
		Name							
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet2 of	3					
		Address							
2.	Plant		Unit	1					
		Name							
		3146 Sanatoga Road, Pottstown, PA 19464		rk Order No. C0248837					
		Address	Repair Organi	zation P.O. No., Job No. etc.					
3.	Work Performed by		Type Code Symbol Sta						
		Name	Authorization No	Not applicable					
		3146 Sanatoga Road, Pottstown, PA 19464	Expiration Date	Not applicable					
		Address							
4.	Identification of Sys	stem Emergency Service Water (System 011)	Line No. HBC-141-01	, HBC-141-03 and HBC-150-03					
_	/->	materiation Code ACME III 40.74 Edition		da NVA Cada Casa					
Э.	5. (a) Applicable Construction Code <u>ASME III</u> 19_74 Edition, <u>winter 1974</u> Addenda, <u>N/A</u> Code Case (d) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003								
		ection XI Code Case(s) N-686-1	clivity 2001 edition with a	uderida midudri 2003					
	(e) Applicable Se	Ellott At Code Case(s) 14-060-1							

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	Instailed	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.

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 Gan J. 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 <u>OCTOBER 24, 2013</u> to <u>JUNE 2, 2014</u> , and state that to 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
inspector's Signature invational board, State, Province, and Endoisements
Date JUNE Ly 20 14

) 		
1. Owner	Exelon Gene Nar		.c	Date	M	lav 31, 2014	
	200 Exelon V Addi	Vay, Kennett Square	e. PA 19348	Sheet 1	_ of	4	
2. Plant	Limerick Gen Nar			Unit			
		ne a Road, Pottstown,	DA 10464		Mode Ord	No. CO040900	
	Addi		PA 13404			<u>er No, C0248838</u> on P.O. No., Job No. 6	etc.
3. Work Performed	by <u>Exelon Nucl</u>		<u> </u>	Type Code Syn Authorization N			le
		ga Road, Pottstown	n. PA 19464		•	Not applicab	
4. Identification of S	Addi		(System 01	II) line No. HBC	\.150-02 an	id HBC-150-04	
(b) Applicable	Edition of Section .	<u>ASME III</u> XI Utilized for Repai ase(s) <u>N-686-1</u>	irs / Replacer	on, <u>winter 1974</u> ment Activity 20 <u>01 editio</u>	Addeno n with adde		e Case
6. Identification of C	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 E	xelon stock code r	number.					
Description of we Tests conducted	l: Hydrostatic	rbon steel ESW pipi Pneumatic D 10 psi Test Te	Nominal C	Operating Pressure	Exempt C	1	arrennassas, pit

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

1.	Owner _	Exelon Generation Company, LLC Name	Date May 3	1, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet of	4
2.	Plant	Limerick Generating Station Name	Unit	1
		3146 Sanatoga Road, Pottstown, PA 19464	Work Order	No. C0248838
		Address	Repair Organization P.	O. No., Job No. etc.
3.	Work Pe	erformed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	
4	Identifica	ation of System Emergency Service Water (System 011)	Line No. HBC-150-02 and HI	3C-150-04
••				Territoria Training
5.	(d) Ap	plicable Construction Code <u>ASME III</u> 19 <u>74</u> Edition, plicable Edition of Section XI Utilized for Repairs / Replacement Acplicable Section XI Code Case(s) <u>N-686-1</u>		

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	Instailed	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.

1.	Owne	Exelon Generation Company, LLC Name	Date	May 31, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet3 of	4
2.	Plant	Limerick Generating Station Name	Unit	1
	_	3146 Sanatoga Road, Pottstown, PA 19464 Address		ork Order No. C0248838 Dization P.O. No., Job No. etc.
3.	Work	Performed by Exelon Nuclear Name	Type Code Symbol Sta Authorization No.	amp None
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	Not applicable
4.	Ident	ification of System Emergency Service Water (System 011)	Line No. HBC-150-02	2 and HBC-150-04
5.	(b)	Applicable Construction Code <u>ASME III</u> 19 <u>74</u> Edition, Applicable Edition of Section XI Utilized for Repairs / Replacement A Applicable Section XI Code Case(s) <u>N-686-1</u>		

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.

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 StampNA
Certificate of Authorization No. NA Expiration Date N
Signed
Owner's Designee, Title
CERTIFICATE 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.
0
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
Date

					<u> </u>			
1. Owner	Exelon Gener Nan		С	Date	Ma	y 21, 2012		
	200 Exelon V Addi	lay, Kennett Squar ess	e. PA 19348	Sheet1	of	2		
2. Plant	Limerick Gen Nar			Unit		1		
***************************************	3146 Sanatog	a Road, Pottstown,	PA 19464		Order No. C	0241405 on P.O. No., Job No.	etc	
3. Work Performed		ear		Type Code Syn	Type Code Symbol Stamp None Authorization No. Not applicable			
	3146 Sanato Addi	ga Road, Pottstown	n, PA 19464					
4. Identification of	System_Emergenc	y Service Water (System 011)	Line No. 6" Hi	3C-147-03			
(b) Applicable	Section XI Code C	XI Utilized for Repa	irs / Replacer	Edition, <u>Winter 1974</u> ment Activity 20 <u>01 edition</u>	Addeno on with adder		_Code Case	
o. identification of	Companents							
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 w	ork: <u>Replace 6" E</u>	SW piping due to c	logging,					
8. Tests conducted		Pneumatic		perating Pressure	Exempt ::			
tion in items 1 t	nental sheets in for hrough 6 on this re top of this form.	m of lists, sketches port is included on	s, or drawings each sheet, a	may be used, provided nd (3) each sheet is nur	(1) size 8 1/ mbered and t	2 in. x 11 in., (2) info the number of sheets	orma- s is	

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

9. Remarks None	
Applicable Manufacturer's D	Pata Reports to be attached
CERTIFICATE O	F COMPLIANCE
I certify that the statements made in the report are correct and that t	his conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol StampNA	·
•	Expiration Date NA
Signed J.H. Kramer, site weld	administrator Date May 25 , 2012
Owner or Owner's Designee, Title	
CERTIFICATE OF INS	ERVICE INSPECTION
	ional Board of Boller and Pressure Vessel Inspectors and the State
	ofof
in this Owner's Report during the period 3/12/17	to 91411 and state that
to the best of my knowledge and belief, the Owner has performe Owner's Report in accordance with the requirements of the ASMI	d examinations and taken corrective measures described in this
	e Code, Section XI. yer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's	Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property de inspection.	amage or a loss of any kind arising from or connected with this
011 11 11	
MI AI I SI Commission	ions NB 13977 A, N, I PA 3020
Inspector's Signature	ions NB 13977 A, N, T PA 3020 National Board, State, Province, and Endorsements
Date 26 SEPTCM BGR 20 17	
Udite Ct 76 F C C 17016 20 1 L	

					nexmitted (I) (II)	2744			
1. Owner		eration Company, L	<u>rc</u>		Date	Ja	nuary 21, 2013		
		Way, Kennett Squa Iress	re. PA 1934	3	Sheet _	of	2		
2. Plant					Unit				
		ıme							
		<u>qa Road, Pottstowr</u> Iress	n PA 19464		<u></u>		Order No. R1174047 ion P.O. No., Job No. e	etc.	
3. Work Performed			<u></u>			de Symbol Stamp	N/A		
		ame				ation No.			
		<u>ga Road, Pottstow</u> Iress	n PA 19464		Expiratio	n Date	N/A		
4. Identification of S	System: <u>Emerger</u>	ncy Service Water	(Syster	m 011)	Line No.	SP-HBC-150-E1	Unit Cooler	1A-V211	
(b) Applicable (c) Applicable									
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	4 -	ther ification	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	PO#	-90045 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	PO# 0	9143 9 09825- 350	N/A	Installed	No	
(1) 3° ¥2°			98055 038200	N/A	Instailed	No			
* Traceability per E	xelon stock code	number.	<u> </u>	L		L		1	
7. Description of w	ork: <u>Replaced en</u>	nergency service w	ater return pi	ping fron	n unit coole	er 1A-V211.			
8. Tests conducted		Pneumatic 11 22 PSI Test Te			g Pressure	Exempt			

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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9. Remarks: None
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
CENTIFICATE 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
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J. W. J.H. Kramer (site weld administrator) Date January 21, 2013
Signed J. J.H. Kramer (site weld administrator) Date January 21, , 2013 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
OCCUPANTE OF MODIFICE MOST POSITION
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.
11/1/2/4/11
Commissions N/3 13977 A, N, I PA 3020 Inspector's Signature National Board, State, Province, and Endorsements
Date 28 FEBRUART 2013.

1. Owner		eration Company, L	rc		ate	Ap	ri <u>l 13, 2013</u>	
and the continue of the contin	200 Exelon	Way, Kennett Squa dress	re, PA 19348	<u>s</u> s	heet	_1 of	2	
2. Plant		nerating Station		U	Init		1	
		ga Road, Pottstowr dress	PA 19464			Work Repair Organizat	Order No. R1181145 on P.O. No., Job No. e	etc.
3. Work Performed		elear ame		T	Type Code Symbol StampN/A Authorization NoN/A			
		oga Road, Pottstow dress	n PA 19464	E				
4. Identification of S	System: <u>Emerge</u> i	ncy Service Water	(Syster	m 011) L	ine No.	SP-HBC-141-E2	Unit Cooler	1B-V211
Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 2001 edition with addenda through 2003 (c) Applicable Section XI Code Case(s) N-686-1 6. Identification of Components								
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Othe Identifica		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	* 114-90! PO# 0098 441	825-	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	* 114-61; PO# 049		N/A	installed	No
Traceability per E	xelon stock code	number.		-				
7. Description of w	ork: <u>Replaced en</u>	nergency service wa	ater return oi	ping from u	nit coole	r 1B-V211.		

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.

Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other 125 PSI Test Temp. N/A °F.

8. Tests conducted:

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300 FORM NIS-2

Applicable l	Manufacturer's Dat	a Reports to be attach	and		
			icu		
-	SEPTIEICATE OF	COMPLIANCE			
•	CERTIFICATE OF	COMPLIANCE			
certify that the statements made in the report are of	correct and that this	s conforms to the requ	irements of	the ASME Code, Section X	l.
ype Code Symbol Stamp NA					
Certificate of Authorization No.	Δ			Expiration Date	N
				April 13 , 20 <u>13</u>	1.7
Over or Owner's Designee, Title	J.H. Kramer (sit	e weld administrator)	Date	April 13 20 <u>13</u>	
				**	
CERTI	IFICATE OF INSE	RVICE INSPECTION			
I, the undersigned, holding a valid commission is	ssued by the Nation	nal Board of Boiler and	Pressure \	essel Inspectors and the S	tate
or Province of <u>Pennsylvania</u> and em	nployed by	HŞBCT	nave income	of ted the components describ	nod.
in this Owner's Report during the period	FEBRUARY 19	2013 10	JUNE 5	2013 and state	hat
to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement	ner has performed a	examinations and take	n corrective	measures described in this	
By signing this certificate neither the Inspect	or nor his employe	zode, Section XI. r makes anv warrantv.	expressed	or implied, concerning the	
examinations and corrective measures described	d in this Owner's Re	eport. Furthermore, ne	ither the Ins	pector nor his employer	
shall be liable in any manner for any personal injuinspection.	ury or property dam	age or a loss of any k	ind arising f	rom or connected with this	
inspection.					
Inspector's Signature	Commission	ns 14396 A. N. I F		ince, and Endorsements	
, ,		rational board,	Ciate, 1 10V	mou, and enquisements	
Date JUNE 5, 2013					

1. Owner	Date	<u>J</u>	uly 31, 2013	·····					
	200 Exelon V Addr	/av. Kennett Squar ess	e, PA 19348	Sheet 1	_ of	2			
2. Plant	Limerick Gene			Unit		1			
		a Road, Pottstown,	PA 19464	Work	Order No. C	00245191			
	Addr					on P.O. No., Job No.	etc.		
3. Work Performed	by <u>Exelon Nucl</u>		<u></u>	Type Code Syn	Type Code Symbol Stamp None Authorization No. Not applicable				
	3146 Sanato Addr	ga Road, Pottstowr	n. PA 19464	Expiration Date		Not applicat	ile		
4. Identification of S			System 011)	Line No. 6" H	3C-152-03				
(b) Applicable (c) Applicable	(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003								
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 w	ork: Replace 6" E	SW piping due to c	orrosion						
8. Tests conducted		Pneumatic 111 psi Test 1		perating Pressure	Exempt				
tion in items 1 ti	nental sheets in for hrough 6 on this re top of this form.	m of lists, sketches port is included on a	s, or drawings each sheet, a	may be used, provided nd (3) each sheet is nur	(1) size 8 1/ nbered and	2 in. x 11 in., (2) info the number of sheets	ma- is		

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

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 NoNAExpiration DateNA
	Signed J.H. Kramer, site weld administrator Date July 31 , 2013
	6wner or Owner's Designee, Title
	CERTIFICATE 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
	in this Owner's Report during the period MAY 10, 2013 to AUGUST 1, 2013 and state that
ĺ	to 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 Aurust , 2013
i	,

								
Exelon Generation Company, LLC Name			Date	A	pril 13, 2013			
	200 Exelon V	/ay, Kennett Squar	e, PA 19348	Sheet1	_of	2		
2. Plant		erating Station	Unit		common			
	ne							
	3146 Sanatog Addi	a Road, Pottstown,			Order No. C0242666			
		нераі	r Organizatii	on P.O. No., Job No.	eic.			
Work Performed	i by <u>Exelon Nucl</u> Na			Type Code Syn Authorization N			10	
	3146 Sanato Addi	ga Road, Pottstow ess	n, PA 19464	Expiration Date		Not applicat	ole	
4 44			10	40) 15 15 150				
4. Identification of a	System <u>HHH ser</u>	vice water	(System 0	12) Line No. HBC	-508	RHRSW pum	p 0C-P506	
(b) Applicable (c) Applicable	Applicable Construction Code ASME III 19_71 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	Flowserve	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 E	Exelon stock code a	and PO number.						
7. Description of w	ork: Replaced RH	RSW pump bowl &	column asse	mbly and pump stuffing	box.		_	
8. Tests conducted	d: Hydrostatic □ Other <u> </u>			Operating Pressure	Exempt C	1		
tion in items 1 t	nental sheets in for hrough 6 on this re top of this form.	m of lists, sketches port is included on	s, or drawings each sheet, a	may be used, provided nd (3) each sheet is nur	(1) size 8 1/ nbered and	2 in. x 11 in., (2) info the number of sheets	ma- is	

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الم المرابع شخص عاداً المرابع C 0242*666* W/O No. 0042686 Sheet 2 of 2

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, site weld administrator Date April 13, 2013 Other or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Board of Boiler and Pressure Vessel Inspectors and the State of Board of Boiler and Pressure Vessel Inspectors and the State of Board of Boiler and Pressure Vessel Inspectors and the State of Board of Boiler and Pressure Vessel Inspectors and the State of Board of Boiler and Pressure Vessel Inspectors and the State of Board of Bo
CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 Other or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I. the undersigned, holding a valid commission issued by the National Board of Roller and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION Let the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION Let the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION Let the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION Let the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION Let the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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 Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION L. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION I. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION I. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Certificate of Authorization No. NA Expiration Date NA Signed J. H. Kramer, site weld administrator Date April 13, 2013 CERTIFICATE OF INSERVICE INSPECTION L. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Signed J. Wa. J. H. Kramer, site weld administrator Date April 13 , 2013 CERTIFICATE OF INSERVICE INSPECTION L. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Of pler or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Of pler or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Browless of Borneylyania and amplayed by UCCCT
or Province of Permisyivaria and employed by 1980 to be imposted the consequence of the c
or Province of Pennsylvania and employed by HSBCT of Hartford, CT have inspected the components described in this Owner's Report during the period FEBRURY 14, 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.
inspection.
Commissions 14000 A ALL DA 2045
Commissions14396_A, N, I PA 3045 This pector's Signature National Board, State, Province, and Endorsements
Date <u>MAY 21, 2013</u>

1. Owner	Exelon Gener Nan	ation Company, LL	.c	Date	Ma	rch 11, 2013			
***************************************	200 Exelon V Addr	lay, Kennett Squar	e, PA 19348	Sheet1	of	2			
2. Plant	Limerick Gen Nar	erating Station ne		Unit		Common			
	3146 Sanatog Addr	a Road, Pottstown, ess	PA 19464		Work Order C0245200 & C0245147 Repair Organization P.O. No., Job No. etc.				
3. Work Performed	by Exelon Nucl	ear		Type Code Sym	nbol Stamp	None			
	Nar			Authorization N			le		
	3146 Sanato Addi	ga Road, Pottstow	n, PA 19464	Expiration Date	······	Not applicab	le		
4. Identification of S	System <u>RHR Ser</u>	vice Water	(System	012) Line No. SP-	HBC-091-00	1F Valve	012-0150		
(b) Applicable	Edition of Section :	ASME III XI Utilized for Repa ase(s) N-686-1	irs / Replacer	lition, <u>Winter 74</u> ment Activity 20 <u>01 editio</u>	Adde n with adder	nda, <u>N/A</u> _C nda through 2003	ode Case		
6. Identification of G	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 E	xelon stock code r	iumber.							
7. Description of w	ork: <u>Installed a 3" o</u>	Irain connection to	30" RHESW	line class HBC-091-1 via	ı "Hot <u>Tap" r</u>	rocess.	·····		
8. Tests conducted		Pneumatic 7 psi Test Tem		Operating Pressure	Exempt 🗇				
tion in items 1 ti recorded at the	hrough 6 on this re top of this form.	port is included on	each sheet, a	may be used, provided and (3) each sheet is num 22 Law Drive, Box 2300	nbered and	the number of sheets			

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, 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, Zolz 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.
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 15, 20 13

1. Owner	Exelon Genei Nan	ation Company, LL	.c	Date	Má	arch 12, 2013			
	•	/ay, Kennett Square	e, PA 19348	Sheet1_	_ of	2			
2. Plant	Limerick Gen Nar	erating Station ne		Unit		Common			
	3146 Sanatog Addi	a Road, Pottstown, ess			0245201 & C0245147 on P.O. No., Job No. 6				
3. Work Performed	by Exelon Nucl	ear		Type Code Syn	Type Code Symbol Stamp None				
	Nar			Authorization N	o	Not applicab	le		
		ga Road, Pottstowr	n. PA 19464	Expiration Date		Not applicab	le		
	Addı	ess	*						
4. Identification of S	System RHR Ser	vice Water	(System	012) Line No. SP-	HBC-091-00	01F Valve	012-0151		
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 012-0151	BNL Industries	A120504-2-1	N/A	* 114-62939 PO# 052696	2012	Installed	Yes		
(1) 3" NPS Haif 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 E	xelon stock code r	number.	. —						
7. Description of w	ork: <u>Installed a 3" c</u>	Irain connection to	30" RHESW	line class HBC-091-1 via	a "Hot Tap" i	orogess.			
8. Tests conducted	•			Operating Pressure	Exempt				
tion in items 1 ti recorded at the	Other								

MEN 7/114 15x 7/1/14

C0145201

W/O No. C02452901& C0245147 Sheet 2 of 2

9. Flemarks 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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J. J. J.H. Kramer, Site weld administrator Date March 12 , 2013 Owner or Owner's Designee, Title
Cowner or Cowner's Designee, Title
CERTIFICATE 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 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.
Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 15, 2013

£. £0.		######################################					
1. Owner	Exelon General Nar	ration Company, LL ne	.c	Date	M	ay 3, 2014	
	200 Exelon V Addr	/ay, Kennett Squar	e, PA 19348	Sheet1_	_ of	2	
2. Plant	erating Station ne	Unit		Common			
	3146 Sanatog	a Road, Pottstown,			248846 & C0249335		
	Address					on P.O. No., Job No.	etc.
3. Work Performed				Type Code Syn		None None	1 -
	Nai	ne		Authorization N			
	3146 Sanato Add	ga Road, Pottstown	n, PA 19464	Expiration Date	·	Not applicat	le
4. Identification of	•		(System (012) Line No. HBC	C-507-01	Valve 01	2-0152
(b) Applicable	Edition of Section		irs / Replacer	lition, <u>Winter 74</u> nent Activity 20 <u>01 editio</u>			ode Case
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 E	xelon stock code r	number.	·1	<u> </u>	L		<u> 1</u>
7. Description of w	ork: <u>Installed a 3"</u>	RHRSW drain via "	Hot Tap" prod	cess.			
8. Tests conducted		Pneumatic 🗆	Nominal (Operating Pressure	Exempt		-
tion in items 1 to recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet, a	may be used, provided and (3) each sheet is nu	mbered and	the number of sheets	

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 Gand J. H. Kramer, Site weld administrator Date May 3 , 2014
Owner's Designee, Title
CERTIFICATE 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
in this Owner's Report during the period
to 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, ! PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
· · · · · ·
Date

1. Owner	Exelon Gener	ation Company, LL	С	Date	M	ay 3, 2014		
		/av. Kennett Squar	e, PA 19348	Sheet1	_of	2		
	Addr							
2. Plant	Limerick Gene Nar	erating Station ne		Unit	. (Common		
	3146 Sanatog	a Road, Pottstown.	PA 19464	W	ork Order C	0248846 & C0249336		
	Address					on P.O. No., Job No. e		
3. Work Performed	by <u>Exelon Nucl</u> Nar			Type Code Syn	Type Code Symbol Stamp None Authorization No. Not applicable			
		ga Road, Pottstown	- DA 10464					
***************************************	Addı Addı		1, FA (3404	Expiration Date		NOT applicat	le	
4. Identification of S	System RHR Ser	vice Water	(System (012) Line No. HBC	-507-01	Valve 01	2-0153	
(b) Applicable	(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003							
6. Identification of the	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	İnstalled	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 E	xelon stock code r	number.		 				
7. Description of w	ork: Installed a 3"	RHRSW drain via "	Hot Tap" prod	ess.			w	
8. Tests conducted		Pneumatic 🗆 9_psi Test Tem		Operating Pressure	Exempt			
tion in items 1 to recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet, a	may be used, provided and (3) each sheet is nu	mbered and	I the number of sheets		

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed 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
in this Owner's Report during the period
to 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

			2-1-1						
1. Owner	Exelon Gener Nam	ation Company, U	.c	Date	A	pril 24, 2012			
	200 Exelon W Addr	ay, Kennett Squar	e, PA 19348	Sheet <u>1</u>	_ of	2			
2. Plant	Limerick Gene Nar			Unit	Unit <u>common</u>				
	3146 Sanatog Addr	a Road, Pottstown, ess	Repa	Work Order No. R1205762 Repair Organization P.O. No., Job No. etc.					
3. Work Performed	Type Code Syr Authorization N	Type Code Symbol Stamp None Authorization No. Not applicable							
	Expiration Date	Expiration Date Not applicable							
4. Identification of System RHR service water (System 012) Line No. HBC-507 B-Loop RHRSW									
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 0	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 E 	xelon stock code r	umber.			.,				
Description of w Tests conducted	i: Hydrostatic		Nominal (pray network distribution Operating Pressure T 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

9. Remarks None	
Applicable Manufacturer's	Data Reports to be attached
CERTIFICATE (OF COMPLIANCE
I certify that the statements made in the report are correct and that	this conforms to the requirements of the ASME Code. Section XI
•	•
Type Code Symbol Stamp NA	
Certificate of Authorization No. NA	Expiration Date NA
Signed J. H. Kramer, site weld administ Owner or Owner's Designee, Title	Poto April 64 0040
Owner or Owner's Designee, Title	rator Date April 24. , 2012
<u> </u>	
CERTIFICATE OF IN	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Na or Province of <u>Pennsylvania</u> and employed by	ational Board of Boiler and Pressure Vessel Inspectors and the State HSBCT of
Hartford, CT	have inspected the components described
in this Owner's Report during the period 3/3:/17	to 3/3/(2 , and state that ed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASM	
	byer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's	
shall be liable in any manner for any personal injury or property of inspection.	Jamage or a loss of any kind arising from or connected with this
inspection.	
MITTELL	
Commiss	sions N3 13977 ANI PA 3020
Inspectors Signature	National Board, State, Province, and Endorsements
Date 405051 3 2012	

						· · · · · · · · · · · · · · · · · · ·	
1. Owner		ation Company, LL	.c	Date	Ma	rch 11, 2013	
	Nar	ne					
		lay, Kennett Squar	e, PA 19348	Sheet1	_ of	2	
	Addr	ess					
2. Plant				Unit		common	
	Nar	ne					
		a Road, Pottstown,	PA 19464			Order No. R1212710	
	Addı	ess		Repai	r Organizati	on P.O. No., Job No.	etc.
3. Work Performed				Type Code Syn			
Name Authorization No. Not applic					Not applicat	le	
-		ga Road, Pottstown	n, PA 19464	Expiration Date		Not applicat	le
	Addi	ress					
4. Identification of	System <u>RHR ser</u>	vice water	(System 0	12) Line No. HBC	C-091	·	
				tion, Winter 1974			_Code Case
		XI Utilized for Repa ase(s) N/A		ment Activity 2001 edition	n with adde	nda through 2003	
.,		400(0)	•				
6. Identification of	Components						
						Corrected,	ASME
Name of	Name of	Manufacturer	National	Other Identification	Year	Removed, or	Code
Component	Manufacturer	Serial No.	Board No.		Built	Installed	Stamped (Yes or
			110.	<u> </u>			No)
(56) 3/4" Flange	Curtis Wright	Heat Code	1	* 114-92566			
Studs	Nova Machine	7B51	N/A	PO# 052294	N/A	Installed	No
(112) 3/4" Flange	Curtis Wright	Heat Code		* 116-12111			
Nuts	Nova Machine	7D14	N/A	PO# 180864-3684	N/A	Installed	No
			<u> </u>		<u> </u>		
							ļ <u> </u>
	1						
* Traceability per E	xelon stock code r	number.	1		<u> </u>	1	<u> </u>
7 Description of w	ork: Replaced flan	ne studs & nuts on	RHRSW C-s	pray network distribution	a ololog		
8. Tests conducted				Operating Pressure	Exempt		<u></u>
	Other	V/A_psi TestTe	mp. <u>N/A</u>	°F.			
NOTE: Suppler	mental sheets in for	m of lists, sketches	s, or drawings	may be used, provided	(1) size 8 1	/2 in. x 11 in., (2) info	ma-
tion in items 1 t	hrough 6 on this re			ind (3) each sheet is nur			
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

	s; Refer to Exelon condition reports 1466495 and 1465828 for replacement plan deficiencies. Applicable Manufacturer's Data Reports to be attached
·	
	CERTIFICATE OF COMPLIANCE
certify th	nat the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.
ype Coo	de Symbol Stamp NA
ertificat	e of Authorization No NA Expiration Date
ligned (J. H. Kramer, site weld administrator Date March 11, 2013
ngi ioo _	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Lthe	undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Pro	ovince of PENNYLVANIA and employed by HSBCT of
in this	Hartford, CT have inspected the components described 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
	's Report in accordance with the requirements of the ASME Code, Section XI. y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
P۱	nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
B) examir	
exami shall b	e liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
exami	
exami shall b	tion.
exami shall b	commissions 14396 A, N, I PA3045
exami shall b	ition.

1. Owner		ation Company, LL	.c	Date	Ma	rch 31, 2014	
	Nan	ne					
	200 Exelon W Addr	lay, Kennett Square ess	e, PA 19348	Sheet1	_ of	2	
2. Plant	Limerick Gene Nar	erating Station ne		Unit	c	ommon	
	21.46.60	- Danid Cattainum	DA 40404	144		- 00040057	
	3146 Sanatog Addr	a Road, Pottstown, ess	PA 19464			o. C0248357 on P.O. No., Job No. (etc.
3. Work Performed				Type Code Syn	nbol Stamp	None	
	ne	Authorization N	0	Not applicat	ole		
	3146 Sanato Addr	ga Road, Pottstowr ess	1. PA 19464	Expiration Date		Not applicat	ole
4. Identification of	System <u>RHR Sen</u>	rice Water	(System 01	2) Line No. HBC	-507-01		
(b) Applicable	Edition of Section 3 Section XI Code C	XI Utilized for Repa		idition, <u>Winter 19</u> nent Activity 20 <u>01 editio</u>			_Code Case
· · · · · · · · · · · · · · · · · · ·			I			Corrected,	ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Removed, or Installed	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 E	xelon stock code r	iumber.		l	l		
7. Description of w	ork: Replaced flar	nge boiting and repa	aired pipe sur	port on RHR service wa	ter piping.		
8. Tests conducted				Operating Pressure N/A °F.	Exempt	•	
tion in items 1 t				may be used, provided nd (3) each sheet is nur			

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

NEW 7/1/19 154 7/1/19 CO248357

W/O No. C248357 Sheet 2 of 2

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
cartify that the state	ements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.
with a fact the state	control interest and control and and this contents to the requirements of the Acide Code, decided Al.
ype Code Symbol :	StampNA
Certificate of A	uthorization No. NA Expiration Date NA
/i 11	Owner's Designee, Title A
igned <u>You</u>	J.H. Kramer (site weld administrator) Date March 31, , 2014
Owner or (Owners Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	ed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
i, the undersigne	
or Province of	Pennsylvania and employed by HSB Global Standards
or Province of	Pennsylvania and employed by HSB Global Standards Hartford, Connecticut have inspected the components described
or Province ofin this Owner's R	Hartford, Connecticut have inspected the components described Report during the period AJGUST 8, 2013 to APRIL 3, 2014, and state that
in this Owner's R to the best of my Owner's Report in	Hartford, Connecticut Report during the period AUGUST 8, 2013 to APRIL 3, 2014 And state that the knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI.
in this Owner's R to the best of my Owner's Report in By signing thi	Hartford, Connecticut Report during the period AUGUST 8, 2013 to APRIL 3, 2014 And state that the knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. In secrificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
in this Owner's R to the best of my Owner's Report in By signing thi examinations and	Hartford, Connecticut Report during the period AVGUST 8, 2013 to APRIL 3, 2019, and state that a knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. In a certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the addressive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
in this Owner's R to the best of my Owner's Report in By signing thi examinations and shall be liable in a	Hartford, Connecticut Report during the period AUGUST 8, 2013 to APRIL 3, 2014 And state that the knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. In secrificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
in this Owner's R to the best of my Owner's Report in By signing thi examinations and	Hartford, Connecticut Report during the period AVGUST 8, 2013 to APRIL 3, 2019, and state that a knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. In a certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the addressive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
in this Owner's R to the best of my Owner's Report in By signing thi examinations and shall be liable in a	Hartford, Connecticut Report during the period AVGUST 8, 2013 to APRIL 3, 2019, and state that a knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. In a certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the addressive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
in this Owner's R to the best of my Owner's Report in By signing this examinations and shall be liable in a Inspection.	Hartford, Connecticut Report during the period AVGUST 8, 2013 to APRIL 3, 2019 , and state the period AVGUST 8, 2013 to APRIL 3, 2019 , and state the period AVGUST 8, 2013 to APRIL 3, 2019 , and state the period Avgust and state the period of the ASME Code, Section XI. In accordance with the requirements of the ASME Code, Section XI. In accordance with the Inspector nor his employer makes any warranty, expressed or implied, concerning the discorrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer any manner for any personal injury or property damage or a loss of any kind arising from or connected with this Commissions 14396 A, N, 1 PA 3045
in this Owner's R to the best of my Owner's Report in By signing this examinations and shall be liable in a Inspection.	Hartford, Connecticut Report during the period AVGUST 8, 2013 to APRIL 3, 2019, and state the period Avgust the Components described in this no accordance with the requirements of the ASME Code, Section XI. It is certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the discorrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer any manner for any personal injury or property damage or a loss of any kind arising from or connected with this

1. Owner	Exelon Gene	eration Company, L	LC		Date		May 9, 2014	
	Na	ime						
		Way, Kennett Squa	re, PA 1934	3	Sheet _	of	22	
	Add	dress						
2. Plant		nerating Station			Unit			
		<u>iga Road, Pottstowr</u> fress	1 PA 19464				er No. R1167220 lon P.O. No., Job No.	etc.
G Work Dadomo	elbu Evolom Nu	-loor			T O-			
3. Work Performe		ame		-	Type Code Symbol Stamp N/A Authorization No. N/A			
3146 Sanatoga Road, Pottstown PA 19464 Expiration Date N/A Address								
4. Identification of		Boiler Main Steam	(Syster	n 041)	Line No.	APE-1MS	MSIV HV-04	1-1F022A
(b) Applicable (c) Applicable	Edition of Section Section XI Code	e <u>ASME Pump & \</u> 1 XI Utilized for Rep Case(s) <u>N-686-1</u> aired or Replaced a	airs or Repla	cements	:: 2001 edi			_Code Case
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.		ther ification	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		-64490 051793	2012	Installed	Yes
HV-041-1F022A Valve Body Seat	Atwood & Morrill	4-683	N/A	ŀ	√A	1972	Corrected	Yes
* Traceability per	l Exelon stock code	number.	<u> </u>	<u></u>		<u>. </u>		
	ed: Hydrostatic	" main steam isolat "Pneumatic" 1045 PSI Tes	Nominal (Operatin	g Pressure			

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

Applic		order package and purcha ata Reports to be attached	oo oragi,	
		· · · · · · · · · · · · · · · · · · ·		
	CERTIFICATE OF	COMPLIANCE		
certify that the statements made in the repor	t are correct and that th	is conforms to the requirer	nents of the ASME Code, Sec	ction XI.
Type Code Symbol Stamp NA				
Certificate of Authorization No			Expiration Date	
Signed Charles Owner's Designee Title	J.H. Kramer (s	ite weld administrator) D	ate <u>May 9</u> ,	20 <u>14</u>
	···			
	CERTIFICATE OF INSE	ERVICE INSPECTION		
I, the undersigned, holding a valid commis	sion issued by the Natio	onal Board of Boiler and Pr	essure Vessel Inspectors and	I the State
or Province of Pennsylvania a		HSB Global Stand		of
in this Owner's Report during the period	NOVEMBER	6. 2013 to MA	y 14, 2014 and	state that
to the best of my knowledge and belief, the	e Owner has performed	examinations and taken of	orrective measures described	in this
Owner's Report in accordance with the requestion By signing this certificate neither the In	uirements of the ASME Ispector nor his employ	. Code, Section XI. er makes anv warrantvi exi	nressed or implied, concerning	a the
examinations and corrective measures des	scribed in this Owner's F	Report. Furthermore, neither	r the inspector nor his employ	yer
shall be liable in any manner for any person	nal injury or property da	mage or a loss of any kind	arising from or connected with	n this
Inspection.				
1				
			704£	
	Commissio	ons 14396 A.N.I PA	3045	-1-
Inspector's Signature	Commissic	National Board, Sta	te, Province, and Endorsemen	nts

1. Owner	Exelon Gen Na	eration Company. ame	LLC	Date	N	1ay 2, 2014		
***************************************		Way, Kennett Squ dress	are, PA 19348	Sheet _	of	2		
2. Plant		nerating Station ame		Unit		1		
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R Address Repair Organization P.O.							etc.	
Work Performed by <u>Exelon Nuclear</u> Name					Type Code Symbol Stamp N/A Authorization No. N/A			
		oga Road, Pottsto dress	wn PA 19464	Expiration	on Date	N/A		
4. Identification of	of System: Nuclear	Boiler Main Steam	ı (Syster	n 041) Line No.	APE-1MS	MSIV HV-04	11-1F022D	
(b) Applicat (c) Applicat	e Construction Codo le Edition of Section le Section XI Code of Components Rep	n XI Utilized for Re Case(s) <u>None</u>	pairs or Repla —	cements: 2001 edi	lition, <u>N/A</u> Ade ition with addenda	denda, N/A through 2003	_Code Case	
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	
						7.20.000		
* Traceability pe	r Exelon stock code	number.						
7. Description of	f work: Replaced 26 ted: Hydrostatic	6" main steam isol	Nominal (Operating Pressure	n / pilot poppet ass e 🛈 Exempt 🛛			
NOTE: Supp	lemental sheets in f	orm of lists, sketch	nes, or drawing	js may be used, pr	rovided (1) size 8 1	/2 in. x 11 in., (2) info	rma-	

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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9. Remarks: Manufacturers data reports are traceable by Exelon work order package and purchase order.
Applicable Manufacturer's Data Reports to be attached
CEDTEICATE OF COMPLIANCE
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 StampNA
Certificate of Authorization NoNAExpiration Date NA
Signed
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State
or Province of <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> 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.
inspection.
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
and the first than the same of
Date

1. Owner		eration Company,	LLC	Date	N	lay 12, 2014		
	200 Exelon	Way, Kennett Squ	are, PA 1934	8 Sheet	of	2	····	
	Ado	dress						
2. Plant		nerating Station		Unit		1		
	•							
		<u>iga Road, Pottstov</u> dress	wn PA 19464			No. R1231085 & R1: on P.O. No., Job No.		
Work Performed byExelon Nuclear								
3. Work Perform		ame		i ype Coo	ation No	N/A N/A		
	21 46 Const	nas Daad Battata	um DA 10464					
3146 Sanatoga Road, Pottstown PA 19464 Expiration DateN/A								
4. Identification of	of System: Nuclear	Boiler Main Steam	n (Svstei	m 041) Line No.	APE-1MS	MSRV PSV-04	1-1F013H	
y. 100/milounori	yo		, ,,,,,,,,,		<u></u>		110,011	
(b) Applicab	and the state of t							
6. Identification	of Components Rep	aired or Replaced	and Replacer	ment 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 pe 	r Exelon stock code	number.						
7. Description of S/N 167 and pilo		main steam reli	ef valve S/N	151 and pilot S/N	025 with previous	sly installed and refu	bished valve	
8. Tests conduc		Pneumatic 1045 PSI Te		Operating Pressure	Exempt	-		
NOTE: Supp	lemental sheets in f	orm of lists, sketch	nes. or drawin	as may be used, pro	ovided (1) size 8 1	/2 in. x 11 in., (2) info	rma-	

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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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 StampNA
Certificate of Authorization No NA Expiration Date NA
Signed J.H. Kramer (site weld administrator) Date May 12 , 2014 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE 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 Benort during the period ANALUST 8 2013 to ANALUST 8 2013 and state that
in this Owner's Report during the period <u>AUGUST 8, 2013</u> to <u>MAY 15, 2014</u> , and state that to 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
Arspector's Signature National Board, State, Province, and Endorsements
Date

1. Owner		eration Company,	LLC	Date		May 22, 2014		
			5 . (5.)			_		
		<u>Way, Kennett Squ</u> Iress	are, PA 1934	Sheet	of	2		
2. Plant		nerating Station		Unit		1		
	Na	ame						
		ga Road, Pottstov dress	vn PA 19464			r No. R1231086 & R12 tion P.O. No., Job No. (
3. Work Perform	ed byExelon Nuc	clear						
		ame		Authoriza	ation No.	N/A		
3146 Sanatoga Road, Pottstown PA 19464 Expiration DateN/A								
4 Identification of	of System: Nuclear		. (Svetor	m ()41) Line No.	APE-1MS	MSRV_PSV-04	11 E013N	
4. Identification	n Oystem. <u>Trustear</u>	DONEL WIGHT CICAL	i (Oyalei	HOTH LINE NO.	AI C-1WO	WOTV TOV-04	1-11-01314	
(b) Applicab	e Construction Code le Edition of Section le Section XI Code	XI Utilized for Re	pairs or Repla	19 <u>_68</u> Editio cements: 2001 edit	n, <u>March 1970</u> tion with addenda	Addenda, N/A through 2003	_Code Case	
6. Identification of	of Components Rep	aired or Replaced	and Replacer	nent 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	
* *	r Exelon stock code of work: <u>Replaced</u>		ef valve S/N	170 and pilot S/N	018 with previou	isty installed and refur	bished valve	
	S/N 024. Replace							
8. Tests conduct		Pneumatic ii 1045 PSI Te		Operating Pressure 146°F.	Exempt	•		

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

R1231086 W/O No. R1231085 & R1231493 Sheet 2 of 2

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J.H. Kramer (site weld administrator) Date May 22 , 2014
Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I the understand helding a wild approximate to and but he Mating I D. and of D. ii. and D
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Prov
Hartford, Connecticut have inspected the components described
in this Owner's Report during the period <u>OCTOBER 29, 2013</u> to <u>NAY 28, 2014</u> , and state that to 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.
Commissions14396_A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date

1. Owner	Owner Exelon Generation Company, LLC				Date November 8, 2012			
		Name						
200 Exelon Way, Kennett Square, PA 19348 Address				8 Sheet _	of	2		
PlantLimerick Generating Station Name				Unit		1	<u> </u>	
3146 Sanatoga Road, Pottstown PA 19464 Work Order No. R0964227								
***************************************		Address		Repair Organization P.O. No., Job No. etc.				
Work Performed by Exelon Nuclear				Type Co	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 Reactor Recirculation Pump (System 043) Line No. VRR-1RD Pump 1A-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								
	able Section XI Cod			•		ū		
6. Identificatio	n 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	
				, , , , , , , , , , , , , , , , , , , ,				
* Transhills	nor Evolor stack co	do number				· ,		
,	per Exelon stock co							
7. Description	of work: Replaced	reactor recirculation	in pump mecha	nical 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.								

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9. Remarks: <u>Manufacturers data reports are traceable by purchase order and work order package.</u> 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 N/
Signed
Owner's Designee, Title
CERTIFICATE 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
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.
MI II / Y //
Inspector's Signature Commissions NB 13977 A.N. I. PA 3020 National Board, State, Province, and Endorsements
Data 23 JANUARY 2013
Uate

				,			
1. Owner		eneration Company Name	y, LLC	Date		May 1, 2014	
		on Way, Kennett So Address	quare, PA 1934	8 Sheet _	1 of	2	
2. Plant	Limerick (Generating Station Name		Unit		1	
<u></u>		<u>atoga Road, Pottst</u> Address	own PA 19464			Order No. C0248593 tion P.O. No., Job No. e	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							
4. Identification	n of System_React	or Recirculation Pu	mp (Syste	m 043) Line No.	VRR-1RD	Pump 1	3-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							Code Case
6. Identification	n 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-Wamer	311084 B-W Job No. 94-EP-3750	N/A	* 114-98951 PO# LS-696633	1994	Removed	Yes
* Traceability r	er Exelon stock co	de number			<u> </u>		<u> </u>
			n auma macha	aiaal aanl nadddaa			
·		reactor recirculatio					
8. Tests condu		c			Exempt ::		

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

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed
Owner's Designee, Title
CERTIFICATE 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
have inspected the components described in this Owner's Report during the period Owner's 2.2.2.13 to 444, 2.2.2.14 and state that
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.
Commissions 14396 A. N. I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date

***************************************			**************************************					
1. Owner		eneration Company	y, LLC	Date	No	vember 8, 2012		
	·····	on Way, Kennett So Address	quare, PA 1934	8 Sheet _	of	2		
2. Plant	Limerick	Generating Station Name		Unit		11		
		atoga Road, Pottst Address	own PA 19464		Work Repair Organizat	Order No. R1224130 Ion P.O. No., Job No.	etc.	
3. Work Perfor	med by <u>Exelon i</u>	Nuclear Name	Type Co	Type Code Symbol Stamp N/A Authorization No. N/A				
		natoga Road, Potts Address	stown PA 19464		n Date			
4. Identification of System Reactor Recirculation Pump (System 043) Line No. VRR-1RD Pump 1B-P201								
 5. (a) Applicable Construction Code <u>ASME III</u> 19 89 Edition, <u>N/A</u> Addenda, <u>N/A</u> 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) <u>N-686-1</u> 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-Wamer	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-Wamer	321099 B-W Job No. 95-EP-3224	N/A	* 114-98951 PO# LS-600125	1996	Removed	Yes	
* Traceability	oer Exelon stock co	vie number	<u> </u>	<u> </u>	<u>. </u>	· · · · · · · · · · · · · · · · · · ·	L	
			n pump mecha	nical seal cartridge,	•	······································		
8. Tests condu	•	c : Pneumatic 1044 psi T	•	perating Pressure	Exempt			
NOTE: Sur	oplemental sheets i	n form of lists, sket	ches, or drawin	gs may be used, pr	ovided (1) size 8	1/2 in. x 11 in., (2) info	rma-	

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

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J. J. J.H. Kramer (site weld administrator) Date November 8 , 2012
Owner's Designee, Title
CERTIFICATE 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 <u>Pennsylvania</u> and employed by <u>HSBCT</u> of
in this Owner's Report during the period 7/20112 to 7/23/17, and state that
to 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.
MI MAU II
Commissions NB 13977 A, N, T PA 3020 Inspector's Stgnature NB 13977 A, N, T PA 3020 National Board, State, Province, and Endorsements
Inspector's Stgnature National Board, State, Province, and Endorsements Date 13 \ANUMEY 2013
Date LS J-NNUNDA 2017

1. Owner	Exelon Gener	ration Company, LL	c	Date	₽.	fay 14, 2014	
1. Owner	Nar Nar		<u> </u>			MY 14, 2017	
	200 Exelon V Addi	Vay, Kennett Square	e. PA 19348	Sheet 1	_ of	2	
2. Plant	Limerick Gen Na		-	Unit	<u></u> .	1	
	3146 Sanaton Add	a Road, Pottstown, ress	PA 19464	Repai		der C0248051-05 on P.O. No., Job No. e	etc.
3. Work Performed							
	Na	me		Authorization N	o	Not applicab	le
	3146 Sanato Add	ga Road, Pottslown	ı, PA 19464	Expiration Date		Not applicab	le
4. Identification of S	System Reactor	Recirculation	(System	043) Line No. SP-I	-IBC-191-E	4	
(b) Applicable	Edition of Section	ASME III 19.7 XI Utilized for Repa Case(s) N/A	irs / Replacer	Winter 1974 ment Activity 20 <u>01 editio</u>	Addenda, in with adde	N/A Code Case enda through 2003	3
6. Identification of 0	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 E	xelon stock code i	number.	·	**************************************			<u> </u>
7. Description of w	ork: Replaced pip	e lugs on 2" reactor	recirculation	pump motor cooling wa	ter pipe		
8. Tests conducted		Pneumatic		perating Pressure D	Exempt 1	1	
tion in items 1 ti recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet, a	may be used, provided and (3) each sheet is nu 22 Law Drive, Box 2300	mbered and	d the number of sheets	ma- is

MEW 7/1/2014 JS4 7/1/2014 CO248051-05 W/O No. 60249213-05 Sheet 2 of 2

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 StampNA
Certificate of Authorization No. NA Expiration Date N
Signed 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
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 16, 20 14

1 Ougar	Evolon Ganer	ation Company, LL	C	Data	Α.	fay 6, 2014	<u> </u>
1. Owner	Nan		<u> </u>	Date		18y 6, 2014	
	200 Exelon W Addr	/ay, Kennett Square	e, PA 19348	Sheet 1	_ of	2	
2. Plant	Llmerick Gene Nar	erating Station		Unit		11	
	3146 Sanatog Addr	a Road, Pottstown, ess			lo. C0248797-58 on P.O. No., Job No. e	etc.	
3. Work Performed		Type Code Symbol Stamp None Authorization No. Not applicable					
- · · · · · · · · · · · · · · · · · · ·	Nar 3146 Sanato Addr	ga Road, Pottstown	ı, PA 19464			Not applicat	
4. Identification of S			(System 04	4) Line No. DBE	-105-01	Valve (044-1064
(b) Applicable	Edition of Section : Section XI Code C	ASME III XI Utilized for Repa ase(s) N/A	irs / Replacer	n, <u>summer 1973</u> nent Activity 20 <u>01 editic</u>	Addenda in with adde	a, <u>N/A</u> Code nda through 2003	Case
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 E	xelon stock code r	number.			 		
7. Description of w	ork: Removed arc	strike on 4" RWCL	J check valve).			
8. Tests conducted	f: Hydrostatic ☐ Other ∄			Operating Pressure N/A *F.	Exempt	ľ	
tion in items 1 ti				may be used, provided and (3) each sheet is nut			
This Form (E000	030) may be obtain	ed from the ASME	Order Dept.,	22 Law Drive, Box 2300), Fairfield, N	l.J. 07007-2300	

MEW 7/1/14

CO 248797-58 W/O No.-6248797-58 Sheet 2 of 2

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J.H. Kramer (site weld administrator) Date May 6, , 2014
gomes or owner a besigned, and
CERTIFICATE 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
or Province of <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> of Hantford, 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.
CAN COMMENTER OF THE PARTY OF T
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
Date MAY 6. 2014

1. Owner		ation Company, LL	.c	Date	<u>Ju</u>	ne 30, 2014	
	Nan	ne					
	200 Exeton V Addr	/ay, Kennett Squar	e, PA 19348	Sheet 1	_ of	2	
O. Dinnt	I for a rials Com	anding Station		Limia		1	
2. Plant	Limerick Gen Nar			Unit			
<u></u>	3146 Sanatog	a Road, Pottstown,	PA 19464		Work Order	No. C0220862	
	Addı	ess		Repai	r Organizatio	on P.O. No., Job No. 6	etc.
3. Work Performed	Lby Exelon Nucl	ear		Type Code Syn	nhoi Stamn	None	
o. 110 dilo	Nai			Authorization N	0		le
	3146 Sanato Add	ga Road, Pottstow	n. PA 19464	Expiration Date		Not applicab	le
	Audi	622					
4. Identification of	System_Reactor V	Vater Clean-Up	(System 04	4) Line No. DCA	-101-01	Valve HV-04	4-1F105
5. (a) Applicable	Construction Code	_ASME III	19 <u>81</u> Editio	n, <u>summer 1981</u>	Addenda	a, <u>N/A</u> Code	Case
(b) Applicable Edition of Section XI Utilized for Repairs / Replacement Activity 2001 edition with addenda through 2003							
(c) Applicable	Section XI Code C	ase(s) <u>N/A</u>					
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)
			 				140)
6" RWCU Globe Valve disc	Flowserve	218815 - 1	N/A	* 114-62085 PO 257797-554	2008	Installed	Yes
<u> </u>							
* Traceability per E	xelon stock code r	rumber.	<u> </u>	<u> </u>		<u></u>	<u></u>
7. Description of w							
B 77-16	a. 13a. 13		33- 1 14				
8. Tests conducted	•		Nominal C Temp1	Operating Pressure	Exempt C)	
	-						
tion in items 1 t	mental sheets in for hrough 6 on this re top of this form,	rm of lists, sketches port is included on	s, or drawings each sheet, a	may be used, provided and (3) each sheet is nur	(1) size 8 1, nbered and	(2 in, x 11 in., (2) infor the number of sheets	ma- is

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

MEW 7/1/14 352 7/1/14 Co220862 W/O No.-C220862-Sheet 2 of 2

	e's data reports are traceable by Exelon work order and purchase order. Applicable Manufacturer's Data Reports to be attached	
fer to Exelon correct	e action IR 1665984 for lost work package documentation records.	
<u></u>	CERTIFICATE OF COMPLIANCE	
		VI
ceruly mat the staten	ents made in the report are correct and that this conforms to the requirements of the ASME Code, Section	m XI.
ype Code Symbol St	mpNA	
Certificate of Aut	orization No NAExpiration Date!	NA
signed (J.H. Kramer (site weld administrator) Date June 30, , 2014	
Owner or O	ner's Designee, Title	
•	CERTIFICATE OF INSERVICE INSPECTION	
I the undersigned	olding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th	a Sta
	Pennsylvania and employed by HSB Global Standards	ie Sia
	Hartford, Connecticut have inspected the components descr	
	ort during the period DECEMBER 18, 2007 to JUNE 30, 2014 and sta	
-	owledge and belief, the Owner has performed examinations and taken corrective measures described in	this
	cordance with the requirements of the ASME Code, Section XI.	
	ertificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the rrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer	
	manner for any personal injury or property damage or a loss of any kind arising from or connected with the	
inspection.	mainter for any personal injury of property damage of a loss of any find ansing from of conflected with it	1113
поросного		
	Commissions 14396 A, N, I PA 3045	
Inc	wtor's Signature National Board State Province and Endampments	
	National Board, State, Province, and Endorsements	\$

1. Owner	Evelon Gener	ation Company, LL	c	Data	٨.	fay 6, 2014	
1. Owner	Nan		· · · · · · · · · · · · · · · · · · ·			Tay 0, 2014	
***************************************	200 Exelon W Addr	/av, Kennett Square	e, PA 19348	Sheet 1	of	2	
2. Plant	erating Station	Unit		1			
	ne						
	a Road, Pottstown, ess			No. C0248797			
			on P.O. No., Job No. e	цс.			
3. Work Performed	by <u>Exelon Nucle</u> Nar			Type Code Syn Authorization N	nbol Stamp o.	None Not applicab	le
	3146 Sanato Addr	ga Road, Pottstowr	ı, PA 19464	Expiration Date		Not applicab	le
4. Identification of S	System_Reactor V	Vater Clean-Up	(System 04	4) Line No. DBB	-105-01		
(b) Applicable	Edition of Section 2		irs / Replacer	n, <u>winter 1974</u> nent Activity 20 <u>01 editio</u>			ase
6. Identification of C	Companents						
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 E 	xelon stock code r	iumber.					
7. Description of we	ork: Replaced 4"	RWCU piping for flo	ow accelerate	d erosion			
8. Tests conducted		Pneumatic 🛭 045 psi Test		Operating Pressure N/A3F.	Exempt 0	ם	
NOTE: Supplention in items 1 threcorded at the	nrough 6 on this re	m of lists, sketches port is included on (i, or drawings each sheet, a	may be used, provided nd (3) each sheet is nur	(1) size 8 1/ nbered and	/2 in. x 11 in., (2) infor the number of sheets	ma- is

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

. 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	i XI.
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration Date N.	IA
0 11 12	
Signed J.H. Kramer (site weld administrator) Date May 6, , 2014	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the	a State
or Province of Pennsylvania and employed by HSB Global Standards	of
Hartford, Connecticut have inspected the components describe in this Owner's Report during the period OCTOBER 25, 2013 to MAY 8, 2019, and state	bed
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the	.e triat hig
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	a
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this	٠,
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from of connected with the inspection.	S
Commissions14396_A, N, I PA 3045	
Anspector's Signature National Board, State, Province, and Endorsements	
Date MAY 8, 20 14	
Date	

1. Owner	Exelon Gener	ration Company, LL	С	Date	M	lay 6, 2014	
	Nan					37 31 33 17	
	200 Exelon V Addr	/ay, Kennett Squar	e, PA 19348	Sheet 1	of	2	
2. Plant	Limerick Gen			Unit		1	
<u></u>	3146 Sanatog Addr	a Road, Pottstown, ess	PA 19464			o. C0248797-61 on P.O. No., Job No.	etc.
3. Work Performed	by <u>Exelon Nucl</u> Nar					None Not applicat	ole
	3146 Sanato Addi	ga Road, Pottstowr ess	n, PA 19464	Expiration Da	te	Not applicat	ole
4. Identification of S	System Reactor V	Vater Clean-Up	(System 04	4) Line No. Di	3B-112-H001		<u> </u>
(b) Applicable	Edition of Section 3 Section XI Code C			Edition, <u>1971</u> nent Activity 20 <u>01 edi</u>	Addenda, _ lion with adder		ase
o. rocininoation or		·············					<u>,,</u>
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
		water the state of					
• Tanabilli and				:]		
 Traceability per E 	xeion stock code r	iumber.					
7. Description of w	ork: Replaced end	d bracket load pins	in 4" pipe sup	port strut.			··········
8. Tests conducted		Pneumatic O N/A psi		Operating Pressure □ N/A °F.	Exempt	l	
tion in items 1 ti	nental sheets in for hrough 6 on this re top of this form.	m of lists, sketches port is included on (, or drawings each sheet, a	may be used, provide nd (3) each sheet is n	ed (1) size 8 1/ umbered and t	2 in. x 11 in., (2) info the number of sheets	ma- is

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

MEM 7/1/14

C0249797-6\ W/O No: C248797-61 Sheet 2 of 2

		Applicable	Manufacturer	's Data Repor	ts to be attac	hed	
					·		
1 11							
			CERTIFICATI	E OF COMPLI	ANCE		
certify that the	statements made in	the report are	correct and th	at this conform	ns to the requ	uirements of t	he ASME Code, Section X
ype Code Sym	pol Stamp	NA					
Certificate of	of Authorization No	1	VA				Expiration Date NA
signed do_	W.K.	J.H. Kramer					, 2014
Q wner	or Owner's Design	iee, Title			·		
		CERT	TEICATE OF	INSERVICE IN	NSPECTION		
	gned, holding a val f Pennsylvar	id commission i	issued by the moloved by	National Board HSB Glo	d of Boiler an obal Standar		essel Inspectors and the S
		Hartford, Conne	ecticut		ha	ive inspected	the components described
in this Owner	s Report during the) period thelief the Ow	ner has perfor	med examinat	toto_	on corrective	neasures described in this
Owner's Repo	rt in accordance w	ith the requirem	nents of the AS	SME Code, Se	ection XI.		
							r implied, concerning the
examinations shall be liable	and corrective mea	isures describe any personal in	ioury or propert	ers Heport. Fu V damage or s	innermore, ni	eitner ine insp kind arisina fr	pector nor his employer om or connected with this
inspection.	in any manner for	any paraona in	Ja. y G. propori	y damage of c	riodd of arry	and anomy in	on or connected with this
		_					
_			Comm	nissions <u>143</u>	IGE A N I	PA 3045	
<u> </u>							
	Inspector's Signa	iture		Na Na	itional Board	State, Provin	ce, and Endorsements

1. Owner	Exelon Gene Nam		Date MA	Y 19, 2014			
	200 Exelon Way, Addre		PA 19348	Sheet	_1 of _	2	
2. Plant	Limerick General Nam			Unit	1		
31	46 Sanatoga Roa Addre		19484			626, CRD EXCHAN t Organization P.O.	
3. Work Performed i	oy <u>Exelon Gene</u> Nam			Type Cod Authorizat	e Symbol (ion No	Stamp N	/A
20	00 Exelon Way, Ke		19348	Expiration	Date	N	<u>//A</u>
4. Identification of S	Addre ystem <u>047 (</u>		DRIVE_	Line No	10-5299-10-11 がい プログロ 10-5299 10-11 MEW アハノリ		
5. (a) Applicable Co. (b) Applicable Edit (c) Applicable Sec. 6. Identification of C.	ion of Section XI L ction XI Code Case	Ised for Repair / I	on, <u>1971</u> Ao Replacement Ac	ddenda, S'73	Code Cas	se 1361-2	
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 Operatin	g Pressure 🛛	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 $\frac{1}{2}$ 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 MANUFA CTURER 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 Owner or Owner's Besignee, Title
	CERTIFICATE 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 DCTERE 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.
	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements Date 5, 2014

	F 0	antina On 110		D. J. 111	V 40 004		
1. Owner	Exelon Gene Nam			Date <u>MA</u>	Y 12, 201	4	
	200 Exelon Way. Addre		PA 19348	Sheet	of	2	
2. Plant	Limerick Genera Nam		· · · · · · · · · · · · · · · · · · ·	Unit	1		
31	46 Sanatoga Road Addre		19464			626, CRD EXCHAIT Organization P.O.	
3. Work Performed t	y <u>Exelon Gene</u> Nam			Type Cod Authorizat	e Symbol S ion No	Stamp N	I/A
20	0 Exelon Way, Ke Addre		19348		n-629	9-10-23 5 ⁴⁴	3:, '''
4. Identification of Sy	ystem047 (CONTROL ROD	DRIVE	Line No.	10 289 10	-23 -	- MEW 7/1/201
5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Co	ion of Section XI U ction XI Code Case	Ised for Repair / I		Addenda, _NC	NE(Code Case_1361	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yea <i>r</i> 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
- 4							
7. Description of Wo	rk: <u>REPLACE O</u>	NE CRD AND 8 C	CAP SCREWS				<u></u>
8. Tests conducted:		☐ Pneumat 51_psi Test Te		ninal Operating F	ressure 🛭	Exempt □	
NOTE: Supplement in items 1 through at the top of this for	6 on this report is	of lists, sketches included on each	i, or drawings m i sheet, and (3) i	ay be used, provi each sheet is nur	ded (1) siz nbered and	e is 8 ½ in. x 11 in., I the number of she	, (2) information ets is recorded

FORM NIS-2 (Back)

, contain	is MANAFACTURER DATA SHEET ATTACHED. CRD 10-23. WORK ORDER R1227626. Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
Section Type	Code Symbol Stamp NA Expiration Date NA
	CERTIFICATE OF INSERVICE INSPECTION
and the of in this to the this O the example in the example	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors the State or Province of Pennsylvania and employed by HSB GLOBAL STANDARD Hartford, CT have inspected the components described to Sowner's Report during the period OCTOBER 25, 2013 to JUPE 5, 2014, and state that a best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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 examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.
	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements

1.	Owner	Exelon Gene Nam			Date <u>MA</u>	Y 19, 2014			
		200 Exelon Way, Addre		PA 19348	Sheet	_1 of _	2		
2.	Plant	Limerick Genera Nam			Unit	Unit1			
	31	46 Sanatoga Road Addre		19464		Work Order R12227626, CRD EXCHANGE FOR 1R15 Repair/Replacement Organization P.O. No., Job No. Etc.			
3.	Work Performed t	oy <u>Exelon Gene</u> Nam		· · · · ·	Type Code Authorizat	Type Code Symbol Stamp N/A Authorization No. N/A			
	20	00 Exelon Way, Ke Addre		19348	Expiration	Expiration Date N/A			
4.	Identification of Sy	ystem047 (CONTROL ROD	DRIVE	Line No.	Line No. 10-S299-10-39			
	5. (a) Applicable Construction Code ASME III <u>Edition</u> , <u>1974</u> Addenda, <u>W'75</u> Code Case_N207 1361-2_ (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: <u>2001 Edition</u> , <u>2003 Addenda</u> (c) Applicable Section XI Code Cases: _N/A B. 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)	
-	ONTROL ROD RIVE	G.E.	A8919	N/A	NA	1991	INSTALLED	YES	

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 CRI	O AND 8 CAP SCI	REWS	·····	
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051	Pneumatic psi Test Temp.	Nominal Operating Pressure 154 °F.	Ø	Exempt [

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(1) FORM NIS-2 (Back)

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
Certificate of Authorization No. NA Expiration Date NA Signed Date 128 2014
Owner or Owner & Designee, Title
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 Jove 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. Commissions 14396 ANI Inspector's Signature Commissions 14396 ANI National Board, State, Province, and Endorsements
Date JUNE 5, 2014

1.	Owner	Exelon Gene Nam		1	Date _MA	Y 12, 201	4	
		200 Exelon Way. Addre		PA 19348	Sheet	_1of_	2	
2.	Plant	Limerick Genera Nam			Unit	1		
	31	46 Sanatoga Road Addre		19464				NGE FOR 1R15 No., Job No. Etc.
3.	Work Performed b	oy <u>Exelon Gener</u> Nam					Stamp	N/A N/A
	20	0 Exelon Way, Ke Addre		19348	Expiration	Date		N/A
4.	Identification of Sy	/stem047_0	CONTROL ROD	DRIVE	Line No.	10-S299-1	18-27	
	(a) Applicable Cor (b) Applicable Editi (c) Applicable Sec Identification of Co	ion of Section XI U	ised for Repair / F					
	Name of	Name of	Manufacturer	National Board No.	Other	Year	Corrected, Removed, or	

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 SCRE	EWS		
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051_	Pneumatic psi Test Temp. 154	Nominal Operating Pressure °F.	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) Information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(1) FORM NIS-2 (Back)

_	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
	W. COSC VI
	Signed Date Date .20 Date
_	
	
	CERTIFICATE 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.
	ulis irispection.
	Operation Augus ANI
	Commissions 14396 ANI National Board, State, Province, and Endorsements

1.	Owner	Exelon Generation Co., LLC Name				Date MAY 19, 2014				
		200 Exelon Way, Addre		PA 19348	Sheet	of	2			
2.	Plant	Limerick General Nam			Unit	1				
	31	46 Sanatoga Roa Addre		19464			27626. CRD EXCHA t Organization P.O.			
З.	Work Performed by <u>Exelon Generation Co., LLC</u> Name					Type Code Symbol Stamp N/A Authorization No. N/A				
	20	00 Exelon Way, Ke Addre		19348	Expiration	Date	N	//A		
4.	Identification of S	ystem047 (CONTROL ROD	DRIVE	Line No.	10-\$299-1	8-59			
	(a) Applicable Coi (b) Applicable Edit (c) Applicable Sec Identification of Co	ion of Section XI L ation XI Code Case	Ised for Repair / I							
	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 PRIVE	G.E	A6937	N/A	N/A	1985	INSTALLED	YES		
(8	B) CAP									

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 C	HD AND 8 CAP SC	CHEWS.	
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051	Pneumatic 🔲 _psi Test Temp.	Nominal Operating Pressure 154 °F.	Exempt

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I cer	rify that the statements made in the report are correct and this conforms to the requirements of the ASME Code,
Section X	
Туре Сос	de Symbol Stamp
Certificate	of Authorization No. NA Expiration Date NA
V	Pate 1 28 2014
Signed _	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	e undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
and the S	State or Province of Pennsylvania and employed by HSB GLOBAL STANDARD Hartford, CT have inspected the components described
in this Ov	wher's Report during the period OCYORE/- 25, 2013 to JUNG 5, 2014 and state that
to the bea	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in er's Report in accordance with the requirements of the ASME Code, Section XI.
By s	signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning
the exam	finations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his emplo
this inspe	lable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
D.1.0 11 10 p.0	
	Commissions 14396 ANI
4	Inspector's Signature National Board, State, Province, and Endorsements

1.	Exelon Generation Co., LLC Name					Date <u>May 12, 2014</u>				
		200 Exelon Way, Addre		PA 19348	Sheet	Sheet of 2				
Plant Limerick Generating Station Name					Unit	1				
	31	146 Sanatoga Roa Addre		19464		Work Order R1227628. CRD EXCHANGE FOR 1R15 Repair/Replacement Organization P.O. No., Job No. Etc.				
3.	Work Performed I	by <u>Exelon Gene</u> Nam			Type Cod Authorizat	a Symbol : ion No	Stamp <u>N</u>	N/A N/A		
	200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A							VA		
4.	Identification of S	ystem047 (CONTROL ROD	DRIVE	Line No.	10-5299-	22-23			
	(a) Applicable Coi (b) Applicable Edit (c) Applicable Sec Identification of Co	tion of Section XI U ction XI Code Case	Ised for Repair / I	tion, <u>1974</u> Replacement Ad	Addenda, <u>W'75</u> ctivity: <u>2001 Editi</u>	Code on, <u>2003</u> A	e Case_1361-2 Addenda			
	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)		
-	ONTROL ROD	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 CRI	D AND 8 CAP SCRE	ws		
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051_psi	_	Nominal Operating Pressure "F.	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



FORM NIS-2 (Back)

9. Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 22-23. 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 Owner or Owner's Designee, Title
CERTIFICATE 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 SUPE 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.
Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements Date 1,2014

			· · · · · · · · · · · · · · · · · · ·							
1. Owner	Exelon Generation Co., LLC Name					Date MAY 12, 2014				
	200 Exelon Way, Kennett Square, PA 19348 Address					Sheet1_ of2				
Plant Limerick Generating Station Name				Unit	1					
	31	46 Sanatoga Roa Addre		19464			7626, CRD EXCHA t Organization P.O.			
3. Work Po	Work Performed by <u>Exelon Generation Co., LLC</u> Name				Type Cod Authorizat	e Symbol : ion No	Stamp N	/A		
200 Exelon Way, Kennett Square, PA 19348 Expiration Date N/A Address						I/A				
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-51 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										
Nam Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
CONTROI	L ROD	G.E.	A9113	N/A	N/A	1991	INSTALLED	YES		
(8) CAP NOVA SCREWS		7R15	N/A	N/A	2012	INSTALLED	NO			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS

8. Tests conducted:

(1) FORM NIS-2 (Back)

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
Certificate of Authorizetion Np. NA Expiration Date NA Signed Owner or Owner's Designee, Title
Owner of Owner's Designes, Title
CERTIFICATE 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 have inspected the components described to 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 employed by the State of any kind arising from or connected with this inspection.
Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 2014

e see			•							
1.	Owner	Exelon Generation Co., LLC Name								
		200 Exelon Way, Addre		PA 19348	Sheet	_1 of _	2			
2.	Plant	Limerick Genera Nam			Unit	1	C			
	31	46 Sanatoga Roa Addre		19464			7626 CRD EXCHA Organization P.O.			
3.	Work Performed t	oy <u>Exelon Gene</u> Nam			Type Code Authorizat	e Symbol S ion No	Stamp N	/A //A		
	20	0 Exelon Way, Ke Addre		19348	Expiration	Expiration Date N/A				
4.	Identification of Sy	/stem047.0	CONTROL ROD	DRIVE	Line No.	10-5299-2	6-31			
	5. (a) Applicable Construction Code <u>ASME III E</u> dition, <u>1971</u> Addenda, <u>\$'73</u> Code Case_1361-2_ (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: <u>2001 Edition, 2003 Addenda</u> (c) Applicable Section XI Code Cases: _N/A 6. Identification of Components									
	Name of Component	Name of Manufacturer	Manufacturer Serlal 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		
	3) CAP CREWS	NOVA	7R15	N/A	N/A	2012	INSTALLED	NO		

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
(8) CAP SCREWS	NOVA	7R15	N/A	N/A	2012	INSTALLED	NO
				:			

7.	Description of Work:	REPLACE ONE C	CRD AND 8 CAP SCRE	ws			
8.	Tests conducted:	Hydrostatic ☐ Other ☐ 1051	Pneumatic rest Temp. 154	Nominal Operating Pressur	e 🛚	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

	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	on XI.
Туре	Code Symbol Stamp NA:
Certif	icate of Authorization No. NA 5xpiration Date NA
Signe	MA (SC 14)
Signe	Owner or Owner a Designed Title
	OFFICIAL OF MOSPHER MODERNAM
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors he State or Province of <u>Pennsylvania</u> and employed by <u>HSB GLOBAL STANDARD</u>
of	Hartford, CT have inspected the components described
in this	s Owner's Report during the period October 25, 2013 to JUNE 5, 2014, and state that best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this C	owner's Report in accordance with the requirements of the ASME Code, Section XI.
the A	By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning xaminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employ
shall	be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this ir	nspection.
	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements
	JUNE 5. 2014
Date_	NOVE 7, 2017

		^	3 riequited by the	3 1 1041310113 01 1	HO NOMIL COUR C	JECHON A				
1.	Owner Exelon Generation Co., LLC Name				Date <u>MA</u>	Date MAY 12, 2014				
		200 Exelon Way. Addre		PA 19348	Sheet	of	2			
2.	Plant	Limerick Genera Nam			Unit	1				
	31	46 Sanatoga Roa Addre		19464			7626 CRD EXCHA Organization P.O.			
3.	Work Performed I	oy <u>Exelon Gene</u> Nam				Type Code Symbol Stamp N/A Authorization No. N/A				
	20	00 Exelon Way, Ke Addre		19348	Expiration	Expiration DateN/A				
4.	Identification of S	ystem047.0	CONTROL ROD	DRIVE	Line No.	10-S299-2	26-59			
	 (a) Applicable Construction Code ASME III <u>Edition</u>, <u>1974</u> Addenda, <u>W'75</u> Code CaseN207 1361-2 (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: <u>2001 Edition</u>, <u>2003 Addenda</u> (c) Applicable Section XI Code Cases: <u>N/A</u> 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 G.E. A8912				N/A	1991	INSTALLED	YES			
	n CAB									

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	'nО
(1) CAP SCREW	NOVA	1P05	N/A	N/A	2009	INSTALLED	NO

7.	Description of Work:	REPLACE ONE CRI	D AND 8 CAP SCRE	ws	
8.	Tests conducted:	, —	Pneumatic psi Test Temp. 15	Nominal Operating Pressure 4 °F.	Exempt

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ ln. 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)

). -	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 NI. Signed Owner or Owner's Designee, Title
	I, the undersigned, holding a valid commission issued by the National Board of Boller 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 John 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.
	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements Date 1-NE 5 20 14

Exelon Generation Co., LLC Name					DateMAY 19, 2014				
<u></u>	200 Exelon Way. Addre		Sheet	of					
2. Plant	Limerick General Nam			Unit	1				
31	46 Sanatoga Roae Addre		19464			7626, CRD EXCHAN t Organization P.O. I			
3. Work Performed b	oy <u>Exelon Genel</u> Nam	ration Co., LLC le		Type Cod Authorizat	e Symbol S ion No	Stamp <u>N</u>	/A		
20	00 Exelon Way, Ke Addre		19348	Expiration	Date	N	/A		
4. Identification of Sy	/stem047.0	CONTROL ROD	DRIVE	Line No. 1	0-\$299-30)-47	-		
5. (a) Applicable Cor(b) Applicable Edit(c) Applicable Sec6. Identification of Co	ion of Section XI U ction XI Code Case	Ised for Repair / I	n, <u>1974</u> Addo Replacement Ad	enda, <u>W'75</u> ctivity: <u>2001 Editi</u>	_ Code Ca on, 2003 A	se_N207 1361-2 Addenda			
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	199 1	INSTALLED	YES		
(8) CAP SCREWS	NOVA	8W28	· N/A	N/A	2013	INSTALLED	МО		
		_							
7. Description of Work: REPLACE ONE CRD AND 8 CAP SCREWS									
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐ Other ☐ 1051psi Test Temp154°F.									

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(1) FORM NIS-2 (Back)

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 Certificate of Authorization No. NA Signed Certificate of Authorization No. NA Expiration Date NA Date Date CERTIFICATE 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 OCYBER 25, 2013 to have inspected the components 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 emplies and in the inspector nor his emplies and in this owner's Report. Furthermore, neither the inspector nor his emplies all be 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 ANI National Board, State, Province, and Endorsements	Remarks MANUFACTURER DATA SHEE	ET ATTACHED, CRD 30-47, WORK ORDER R1227626 pplicable Manufacturer's Data Reports to be attached
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 Certificate of Authorization No. NA Signed Certificate of Authorization No. NA Expiration Date NA Date Date Certificate of Authorization No. 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 IDNE 5, 2019, and state that to 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 has belief 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 ANI		
Section XI. Type Code Symbol Stamp Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title Date CERTIFICATE 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 Octeber 25, 2013 to have inspected the components 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 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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.		CERTIFICATE OF COMPLIANCE
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 LONE 5, 2019, and state that to 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 employed shall be 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 ANI	Section XI. Type Code Symbol Stamp Certificate of Authorization No. N	Expiration Date NA Date NA 20 14
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 have inspected the components described in this Owner's Report during the Downer 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 half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	C	ERTIFICATE OF INSERVICE INSPECTION
	and the State or Province of Penns of Hantford, CT In this Owner's Report during the period to the best of my knowledge and belief, this Owner's Report in accordance with the By signing this certificate neither the the examinations and corrective measure shall be liable in any manner for any person	have inspected the components described OCTOBER 25, 2013 to 100 F. 2014, and state that ne Owner has performed examinations and taken corrective measures described in ne requirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning as described in this Owner's Report. Furthermore, neither the inspector nor his employer
	Inspector's Signature	

1. Owner	Exelon Gene Nam	ration Co., LLC		Date MA	Y 19, 2014		
***************************************	200 Exelon Way, Addre		PA 19348	Sheet	of	2	
2. Plant	Limerick Gener			Unit	1	**************************************	
3	146 Sanatoga Roa Addre		19464			626, CRD EXCHAI Organization P.O.	
3. Work Performed	by <u>Exelon Gene</u> Nam		**************************************	Type Cod Authoriza	e Symbol s tion No	Stamp N	/A //A
2	00 Exelon Way, Ke Addre		19348	Expiration	Date		<u>//A</u>
	enstruction Code A tion of Section XI L action XI Code Case	SME III Edition	on, <u>1968</u> Add	enda, <u>W'69</u>	Code Case		
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	NOVA			NIA :			

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 CRI	AND B CAP SCRE	wş	
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051_psi		Nominal Operating Pressure ☑°F.	Exempt []

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the A Section XI. Type Code Symbol Stamp NA Certificate of Authorization Vp. NA Expiration Date NA Signed Owner or Owder's Sesignee, Title	SME Code,
I certify that the statements made in the report are correct and this conforms to the requirements of the A Section XI. Type Code Symbol Stamp NA Certificate of Authorization Vp. NA Expiration Date NA Signed Owner of Owner's Sesignee, Title	.SME Cade,
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Section XI. Type Code Symbol Stamp NA Certificate of Authorization VI. NA Expiration Date NA Signed Owner or Owner's Sesignee, Title	SME Cade,
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Sesignee, Title	
Certificate of Authorization No. NA Expiration Date NA Signed Owner of Owner's Seeignee, Title	
Signed	1
Owner or Owner's Sesignee, Title	71
	4
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vess	sel Inspectors
and the State or Province of Pennsylvania and employed by HSB GLOBAL STA of Hartford, CT have inspected the compone	
in this Owner's Report during the period OCTUBER 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 measure	s 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 impli-	ed. concemina
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspec	tor nor his emplo
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or c this inspection.	onnected with
una rispection.	
Oamminuterra 44000 ANII	
Commissions 14396 ANI Inspector's Signature National Board, State, Province, and	
Date -) NE 5 .2014	l Endorsements

1. Owner	Owner Exelon Generation Co., LLC Date MAY 19, 2014 Name								
	200 Exelon Way. Addre		Sheet	_1of_					
2. Plant	Limerick Genera Nam		Unit	Unit1					
31	46 Sanatoga Road Addre		19464		Work Order R1227626, CRD EXCHANGE FOR 1R15 Repair/Replacement Organization P.O. No., Job No. Etc.				
3. Work Performed b	y <u>Exelon Gene</u> Nam	ration Co., LLC le		Type Cod Authorizat	Type Code Symbol Stamp N/A Authorization No. N/A				
20	00 Exelon Way, Ke Addre		19348	Expiration	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, 5'73 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/A6. 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 Wo	rk: REPLACE OF	VE CRD AND 8 C	CAP SCHEWS						
7. Description of Work: REPLACE ONE CRD AND 8 CAP SCHEWS 8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑ Exempt ☐ Other ☐ 1051psi Test Temp154°F.									

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9.	Remarks MANUFACTURER DATA SHEET ATTACHED. CRD 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 Owner or Owner's Designee, Title					
	CEANFICATE 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 Aviver 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.					
	Commissions 14398 ANI Inspector's Signature National Board, State, Province, and Endorsements Date 1 UNE 5 20 14					

1.	Owner Exelon	Generation Co., LLC Name	Date <u>MAY 19, 2014</u>	
	200 Exelor	Way, Kennett Square, PA 19348 Address	Sheet of 2	
2.	Plant Limerick	Generating Station Name	Unit1	
	3146 Sanatog	a Road, Pottstown, PA 19464 Address	Work Order R1227626, CRD EXCH Repair/Replacement Organization P	
3.	Work Performed by <u>Exelon</u>	Generation Co., LLC Name	Type Code Symbol StampAuthorization No	
	200 Exelon W	av. Kennett Square, PA 19348 Address	Expiration Date	N/A
4.	Identification of System	047 CONTROL ROD DRIVE	Line No. 10-S299-38-43	***
		ode <u>ASME III E</u> dition, <u>1971</u> Addenda, on XI Used for Repair / Replacement Activity: e Cases: _N/A		

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	3F26	N/A	N/A	2010	INSTALLED	NO
(1)CAP SCREW	NOVA	3F26	N/A	N/A	2010	INSTALLED	NO

		<u> </u>						
7.	Description of Wor	k: <u>BEPLACE ON</u>	E CRD AND 8 CAP S	CREWS				
8.	Tests conducted:	Hydrostatic [minal Operating P	ressure 🛚	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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 Admorization No NA Expiration Date NA Signed Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
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Commissions 14396 ANI
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 5, 20 19

1. Owner	Exelon Generation Co., LLC Name				Date MAY 19, 2014					
	200 Exelon Way, Kennett Square, PA 19348 Address				_1 of _	2				
2. Plant	Plant Limerick Generating Station Name				1					
31	46 Sanatoga Roa Addre		19464		Work Order R1227626, CRD EXCHANGE FOR 1R15 Repair/Replacement Organization P.O. No., Job No. Etc.					
3. Work Performed t	oy <u>Exelon Gene</u> Nam	ration Co., LLC		Type Cod Authoriza	Type Code Symbol Stamp N/A Authorization No. N/A					
20	00 Exelon Way, Ke Addre		19348	Expiration	Expiration Date N/A					
4. Identification of Sy	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 Case1381-1 (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	8W2 8	N/A	N/A	2013	INSTALLĖD	NO			
7. Description of Wo	rk: <u>REPLACE O</u>	NE 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 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks MANUFACTURER DATA SHEET ATTACHED, CRD 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 Owner of Owner's Designee, Title	
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Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements Date JUNE 5 20 14	i

1. Owner	Cwner Exelon Generation Co., LLC Name					4				
	200 Exelon Way. Addre		PA 19348	Sheet	of	2				
2. Plant	Limerick Genera Nam			Unit	1_	T				
31	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 b	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							I/A			
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-15										
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.	A6899	N/A	N/A	1985	INSTALLED	YES			
(8) CAP SCREWS	NOVA	8W2 8	N/A ·	N/A	2013	INSTALLED	NO			
			<u>.</u>							
7. Description of Wo	rk: <u>REPLACE Of</u>	NE CRD AND 8 C	CAP SCREWS							
8. Tests conducted:	Hydrostatic Other □_10	☐ Pneumat 51psi Te		ninal Operating P	ressure 🛭	Exempt 🗆				
in items 1 through	Other									

Remarks MANUFACTURER D	NATA SHEET ATTACHED, CRD 42-15, WORK ORDER R1227626. Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
Section XI. Type Code Symbol Stamp Certificate of Authorization No.	nts made in the report are correct and this conforms to the requirements of the ASME Code, NA NA Expiration Date Date Date Date
	CERTIFICATE OF INSERVICE INSPECTION
and the State or Province of of Ha in this Owner's Report during to the best of my knowledge a this Owner's Report in accord By signing this certificate the examinations and correcti	have inspected the components described the period OCTOBEL 25, 2013 to JUNE 5, 2014, and state that and belief, the Owner has performed examinations and taken corrective measures described in ance with the requirements of the ASME Code, Section XI. a neither the Inspector nor his employer makes any warranty, expressed or implied, concerning we measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer for any personal injury or property damage or a loss of any kind arising from or connected with
Inspector's Si	Commissions 14396 ANI gnature National Board, State, Province, and Endorsements
Date JUNE 5	2014

1.	Cowner Exelon Generation Co., LLC Name					Date MAY 12, 2014				
		200 Exelon Way. Addre		PA 19348	Sheet	of				
2.	Plant	Limerick Genera Nam			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 <u>Exelon Generation Co., LLC</u> Name				Type Code Authorizat	Type Code Symbol Stamp N/A Authorization No. N/A				
	200 Exelon Way, Kennett Square, PA 19348 Address					Expiration Date N/A				
4.	Identification of Sy	ystem <u>047 (</u>	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)		
_	ONTROL ROD RIVE	G.E.	7409	N/A	N/A	1978	INSTALLED	YES		
-			T			1		1		

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	NSTALLED	NO

7.	Description of Work: _	REPLACE ONE CR	D AND 8 CAP SCI	REWS	*****	
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051	Pneumatic psi Test Temp.	Nominal Operating Pressure 154 °F.	Exempt	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Remarks <u>M/</u>	ANUFACTURER DATA SHEET ATTACHED. CRD 42-51. WORK ORDER R1227626 Applicable Manufacturer's Data Reports to be attached
 	
	CERTIFICATE OF COMPLIANCE
	tify that the statements made in the report are correct and this conforms to the requirements of the ASME Code,
Section XI	<u></u>
	e Symbol Stamp NA
- L	of Authorization No. NA Expiration Date NA
Signed X	Owner or Overler's Designes, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the	e undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
and the St	tate or Province of Pennsylvania and employed by HSB GLOBAL STANDARD Hartford, CT have inspected the components described
in this Ow	mer's Report during the period Povember 25, 2013 to June 5, 2014 and state that
to the bes	et of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the result of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
By si	igning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
	nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emploable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspec	
	Commissions 14396 ANI
	Inspector's Signature National Board, State, Province, and Endorsements
Date	JUNE 5, 20/4

1.0	Coolea Coo			D				
1. Owner	Exelon Gene Nam			Date <u>MA</u>	Y 12, 2014			
	200 Exelon Way. Addre		Sheet	_1 of	2			
2. Plant	Limerick Genera Nam			Unit	1_			
31	46 Sanatoga Road Addre		19464			626, CRD EXCHA Organization P.O.		
3. Work Performed b	y <u>Exelon Gener</u> Nam	ation Co., LLC e		Type Code Authorizat	e Symbol S ion No	StampN	I/A VA	
20	00 Exelon Way, Ke Addre		19348	Expiration	Date		VA	
4. Identification of Sy	ystem <u>047 (</u>	CONTROL ROD	DRIVE	Line No.	10-S299-	50-11		
(b) Applicable Edit (c) Applicable Sec	 5. (a) Applicable Construction Code <u>ASME III</u> <u>Edition</u>, <u>1968</u> Addenda, <u>W'69</u> Code Case_1361-1_ (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: <u>2001 Edition</u>, <u>2003 Addenda</u> (c) Applicable Section XI Code Cases: <u>N/A</u> 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	МО	
7. Description of Wo	ork: <u>REPLACE O</u>	NE CRD AND 8 C	CAP SCREWS		<u></u>			
8. Tests conducted:	8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑ Exempt ☐ Other ☐ 1051 _ psi Test Temp 154 _ °F.							
in items 1 through	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
Type Code	e Symbol Stamp NA Expiration Date NA Date Designee, File
	CERTIFICATE OF INSERVICE INSPECTION
and the St of in this Own to the best this Owner By sign the examin	and employed by HSB GLOBAL STANDARD Hartford, CT have inspected the components described to fmy knowledge and belief, the Owner has performed examinations and taken corrective measures described in this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes of any kind arising from or connected with cition.
	Commissions 14396 ANI
	Inspector's Signature National Board, State, Province, and Endorsements

1.	Owner	Exelon Gener Nam			Date <u>M</u> A	Y 19, 201	4		
		200 Exelon Way. Addre		PA 19348	Sheet	of	2		
2.	Plant	Limerick Genera Nam			Unit	1_			
	31	46 Sanatoga Road Addre			Work Order R1227626, CRD EXCHANGE FOR 1R15 Repair/Replacement Organization P.O. No., Job No. Etc.				
3.	Work Performed b	oy <u>Exelon Gener</u> Nam			Type Code Authorizat	Type Code Symbol Stamp N/A Authorization No. N/A			
		00 Exelon Way, Ke Addre		19348	Expiration	Expiration DateN/A			
4.	Identification of Sy	ystem047 (CONTROL ROD	DRIVE	Line No.	10-S299-5	0-27		
	(a) Applicable Cor (b) Applicable Edit (c) Applicable Sec Identification of Co	ion of Section XI U ction XI Code Case	sed for Repair / F						
	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)	
С	ONTROL ROD	G.E.	6238	N/A	N/A	198 8	INSTALLED	YES	

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 C	RD AND 8 CAP SC	REWS		
8.	Tests conducted:	Hydrostatic ☐ Other ☐_1051	Pneumatic [] _psi Test Temp.	Nominal Operating Pressure ⊠ 154 °F.	Exempt □	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

	MANUFACTURER DATA SHEET ATTACHED, CRD 50-27, WORK ORDER R1227626 Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code,
Section	· XI.
Type C	ode Symbol Stamp NA
Certifica	ate of Authorization to. NA Expiration Date NA
	1/ 1/ 0/
Signed	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
1.0	the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors
and the	s State or Province of Pennsylvania and employed by HSB GLOBAL STANDARD
of	Hartford, CT have inspected the components described Owner's Report during the period OCTOBE/L 25, 2013 to JUNE S, 2014, and state that
to the b	best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this Ow	vner's Report in accordance with the requirements of the ASME Code, Section XI.
the exa	y signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning aminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his emplo
shall be	e liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this ins	pection.
	Commissions 14396 ANI
<u></u>	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements

1. Owner	Exelon Gene Nam				Date MA	NY 12, 201	4	
	200 Exelon Way. Addre	Kennett Square.	PA 19348		Sheet	of	2	
2. Plant	Limerick Genera Nam			*******	Unit	1		
31	46 Sanatoga Road Addre		19464		Work Or Repair/Re	der R1227 placement	7626, CRD EXCHA t Organization P.O.	NGE FOR 1R15 No., Job No. Etc.
3. Work Performed to	by <u>Exelon Gene</u> Nam				Type Code Symbol Stamp N/A Authorization No. N/A			
20	00 Exelon Way, Ke Addr∈		19348	********	Expiration	Date		VA
4. Identification of Sy 5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Cor	nstruction Code A ion of Section XI U ction XI Code Case	SME III <u>E</u> dition Ised for Repair / I	. 1968 Add	lenda, ctivity:	W'69	Code Case	0-43 3_1361-1_ ddenda_	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	lde	Other ntification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	G.E.	67 69	N/A		N/A	1975	INSTALLED	YES
(8) CAP SCREWS	NOVA	8W28	N/A		N/ A	2013	INSTALLED	· NO
7. Description of Wo	rk: <u>REPLACE Of</u>	NE CRD AND 8 C	CAP SCREWS	_				

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Exempt

Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑ Other ☐_1051__psi Test Temp. <u>154</u> °F.

8. Tests conducted:

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
Section XI Type Cod	tify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, l. Symbol Stamp NA Expiration Date NA Date Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
and the S of in this Ow to the bes this Owne By s the exami	a undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors tate or Province of Pennsylvania and employed by HSB GLOBAL STANDARD Hartford, CT have inspected the components described mer's Report during the period Owner has performed examinations and taken corrective measures described in er's Report in accordance with the requirements of the ASME Code, Section XI. igning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning inations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
Date	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements

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	2. Plant Limerick Generating Station Unit 1								
31	46 Sanatoga Roa Addre		19464			626 CRD EXCHAI Organization P.O.			
3. Work Performed b	oy <u>Exelon Gene</u> Nam			Type Cod Authorizat	e Symbol S lan No	Stamp N	/A /A		
20	00 Exelon Way, Ke Addre		19348	Explration	Date	N	<u>//A</u>		
4. Identification of Sy	ystem047 (CONTROL ROD	DRIVE	Line No.	10-S299-2	6-31			
5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Cor	ion of Section XI U ction XI Code Case	sed for Repair / I	_1974 Adde Replacement Ad	enda, <u>W'75</u> C ctivity: <u>2001 Editi</u>	Code Case on, 2003 A	_1361-2 <u>ddenda</u>			
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 Wo	rk: <u>PISTON TUB</u>	E ASSEMBLY IN	ISTALLED IN C	RD LOCATION 2	6-31, # A6	958			
8. Tests conducted:		Pneumat	ic ☐ Non est Temp. <u>154</u>	ninal Operating P	ressure 🛭	Exempt			
in items 1 through	Other 1051psi Test Temp. 154°F. NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 ln., (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.								

Certificate of Authorization No. I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector 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 CITBEL 30, 2013 to NORE. STANDARD and state the tothe best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the requirement of the ASME Code, Section XI.	Expiration Date NA CERTIFICATE OF INSERVICE INSPECTION Valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania and employed by HSB GLOBAL STANDARD 1, CT HAVE TO LONG		Applicable Manufacturer's Data Reports to be attached
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 Expiration Date NA Signed Owner or Owne's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector and the State or Province of Pennsylvania and employed by HSB GLOBAL STANDARD of Hartford, CT In this Owner's Report during the period CICEBEL 30, 2013 to Nover's Report during the period CICEBEL 30, 2013 to Nover'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 eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the requirements of the ASME code, Section XI.	Expiration Date NA CERTIFICATE OF INSERVICE INSPECTION Valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania and employed by HSB GLOBAL STANDARD 1, CT HAVE S, 2013 to HAVE S, 2014 and state that elief, the Owner has performed examinations and taken corrective measures described in with the requirements of the ASME Code, Section XI. There the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with		
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Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector 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 CITIGET SO 2013 to NORE'S 2014, and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the requirements of the ASME Code, Section XI.	CERTIFICATE OF INSERVICE INSPECTION valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania and employed by HSB GLOBAL STANDARD 1 CT have inspected the components described eriod CLOBEL 30, 2013 to S. 2014, and state that eillef, the Owner has performed examinations and taken corrective measures described in with the requirements of the ASME Code, Section XI. There the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with	Section XI.	/
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I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector 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 CLOBEL 30, 2013 to 1000 St. 2014, and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania and employed by HSB GLOBAL STANDARD 1. CT have inspected the components described eriod CLOBEL 30, 2013 to S. 2014, and state that ellief, the Owner has performed examinations and taken corrective measures described in with the requirements of the ASME Code, Section XI. There the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with Commissions 14396 ANI		Owner or Owned (\$\Designee\)Title
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I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector 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 CLOBEL 30, 2013 to 1000 St. 2014, and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania and employed by HSB GLOBAL STANDARD 1 CT have inspected the components described eriod CLOBEL 30, 2013 to S. 2014, and state that ellief, the Owner has performed examinations and taken corrective measures described in with the requirements of the ASME Code, Section XI. The the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with		
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 C(TOBE). 30, 2013 to 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pennsylvania and employed by HSB GLOBAL STANDARD 1 CT have inspected the components described in with the requirements of the ASME Code, Section XI. her the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with		CERTIFICATE OF INSERVICE INSPECTION
of Hartford, CT In this Owner's Report during the period C(1086): 30 2013 to 1006, 5 2014, and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 estable be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the components described in the components described to	have inspected the components described seriod C(1086): 30, 2013 to 10 10 10 10 10 10 10 10 10 10 10 10 10		
In this Owner's Report during the period CLTOBEL 30 , 2013 to Lown 5 , 2014, and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described 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 established in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the tenth of the content	eriod <u>C(TOBE)</u> 30, 2013 to <u>NOVE</u> 5, 2014, and state that ellef, the Owner has performed examinations and taken corrective measures described in with the requirements of the ASME Code, Section XI. her the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with		
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By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his e shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	her the Inspector nor his employer makes any warranty, expressed or implied, concerning easures described in this Owner's Report. Furthermore, neither the Inspector nor his employ personal injury or property damage or a loss of any kind arising from or connected with Commissions 14396 ANI	to the best of	f my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his e shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the content of	easures described in this Owner's Report. Furthermore, neither the Inspector nor his empl ny personal injury or property damage or a loss of any kind arising from or connected with 	this Owners	Report in accordance with the requirements of the ASME Code, Section XI.
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wi	ny personal injury or property damage or a loss of any kind arising from or connected with Commissions 14396 ANI	the examinat	tions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empl
this inspection.	Commissions 14396 ANI National Board, State, Province, and Endorsements	shall be liable	e in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
	Commissions 14398 ANI National Board, State, Province, and Endorsements	this inspection	n
	Commissions 14398 ANI National Board, State, Province, and Endorsements		
	re National Board, State, Province, and Endorsements		Commissions 14396 ANI

1. Owner	1. Owner Exelon Generation Co., LLC Name				Date MAY 19, 2014			
	200 Exelon Way. Addre	Kennett Square.	Sheet	_1 of _	2			
2. Plant	2. Plant Limerick Generating Station Unit 1							
31	46 Sanatoga Road Addre	d, Pottstown, PA	19464	Work On Repair/Re	der R1227 placement	626 CRD EXCHAN Organization P.O.	IGE FOR 1R15 No., Job No. Etc.	
3. Work Performed to	oy <u>Exelon Gene</u> Nam	ration Co., LLC e		Type Cod Authorizat	e Symbol S don No	Stamp N	I/A I/A	
20	00 Exelon Way, Ke Addre		19348	Expiration	Date		I/A	
4. Identification of Sy	ystem047.0	CONTROL ROD I	DRIVE	Line No.	10-S299-1	8-27		
(b) Applicable Edit (c) Applicable Sec	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.	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:		Pneumat 51psi Te		ninal Operating P	ressure 2	I Exempt □		
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								

		Applicable Mar	nulacturer's Data Reports	to be attached	
······································					
		CERT	IFICATE OF COMPLI	ANCE	
I cert	ify that the statements i	made in the report	are correct and this co	onforms to the requireme	nts of the ASME Code,
Section XI	ı. <i>- </i>	^			
Type Cod	e Symbol Stamp	NA			w
Certificate	of Authorization No.	, 1 Na	Expiration	Date NA	(
	\mathcal{L}			MALOC	- 14
Signed 4	Owner or Owner's	Designee, Title	DE	ILE TANK X	20 (
		 	Δ		
-		} 	+)		
	`	CERTIFICA	TE OF INSERVICE II	ISPECTION	
1. the	underslaned, holding a	valid commission	issued by the Nationa	al Board of Boiler and Pre	ssure Vessel Inspectors
and the S	tate or Province of	Pennsylvania		HSB GLO	BAL STANDARD
of	Hartfo		Asa 15. 2013	have inspected the	components described i4 , and state that
to the bes	t of my knowledge and	belief, the Owner h	nas performed examin	ations and taken corrective	ve measures described in
this Owne	r's Report in accordanc	e with the requirem	nents of the ASME Co	de, Section XI.	
By s	igning this certificate ne	ither the Inspector	nor his employer mak	es any warranty, express	ed or implied, concerning the Inspector nor his emp
shall be lia	able in any manner for a	inv personal injury	or property damage o	r a loss of any kind arisin	the inspector nor his empi g from or connected with
this insper		,			3
		-	Commissions	14396 ANI	
	Inspector's Signa	rnie		National Board, State, Pro	ovince, and Endorsements

					/#		
1. Owner	Exelon Gener			Date MA	Y 19, 2014		
	200 Exelon Way. Addre		PA 19348	Sheet	_1 of _	2	
2. Plant				Unit			
0.4	Nam	-	40404	114I- O	-l 5400	7000 000 000 140	VOC 500 4045
	46 Sanatoga Road Addre	J, PORSIOWN, PA ISS	19464	Repair/Re	placement	7626 CRD EXCHAI t Organization P.O.	No., Job No. Etc.
3. Work Performed to	oy <u>Exelon Gener</u> Nam	ation Co., LLC e		Type Cod Authoriza	e Symbol : tion No	Stamp <u>N</u>	VA
20	00 Exelon Way, Ke Addre		19348				-
4. Identification of S			DRIVE	Line No	10-S299-	26-59	
5. (a) Applicable Cor (b) Applicable Edit	nstruction Code A ion of Section XI U ction XI Code Case	SME III Editlo	n, <u>1974 A</u> dd	enda, W'75	Code Cas	se_1361-2	
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
							<u>.</u>
7. Description of Wo	ork: <u>PISTON TUB</u>	E ASSEMBLY IN	ISTALLED IN C	RD LOCATION	26-59 . SE	FIAL # A8912	
8. Tests conducted:		☐ Pneumat 51psi Test 1		minal Operating F °F.	ressure D	S Exempt □	
NOTE: Suppleme in items 1 through at the top of this fo	6 on this report is	of lists, sketches included on each	, or drawings m sheet, and (3)	ay be used, prov each sheet is nur	ided (1) siz nbered and	te is 8 ½ in. x 11 in., d the number of she	, (2) information ets is recorded

Rem 276	narks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 28-59, 126. Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
Ty	I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, action XI. The Code Symbol Stamp NA Expiration Date NA Date Owner or Owner Designed Title
	CERTIFICATE OF INSERVICE INSPECTION
of in to the	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 Hartford, CT have inspected the components described this Owner's Report during the period SCTOBER 30, 2013 to SUPES, 2014, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in is 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 e examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employ nail be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with is inspection.
	Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements

1. Owner	Owner Exelon Generation Co., LLC Name					Date _MAY 19, 2014			
	Sheet	_1 of _	2						
2. Plant	Limerick Genera Nam			Unit	1_	· ····································			
31	46 Sanatoga Roa Addre	d, Pottstown, PA	19464	<u>Work Or</u> Repair/Re		7626 CRD EXCHA! Organization P.O.			
3. Work Performed t	oy <u>Exelon Gene</u> Nam	ration Co., LLC		Type Cod Authorizat	e Symbol S Ion No	Stamp N	/A //A		
	00 Exelon Way, Ke Addre		19348	Expiration	Date	N	// A		
4. Identification of Sy	ystem047.0	CONTROL ROD	DRIVE	Line No.	10-S299-3	4-07			
(b) Applicable Edit (c) Applicable Sec	 5. (a) Applicable Construction Code <u>ASME III</u> <u>Edition</u>, <u>1974</u> Addenda, <u>W'75</u> Code Case <u>1361-2</u> (b) Applicable Edition of Section XI Used for Repair / Replacement Activity: <u>2001 Edition</u>, <u>2003 Addenda</u> (c) Applicable Section XI Code Cases: <u>N/A</u> 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 Wo	rk: <u>PISTON TUBI</u>	E ASSEMBLY IN	STALLED IN C	RD LOCATION 3	4-07, SER	IAL # 7153			
8. Tests conducted:	8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other 1051 psi Test Temp. 154 °F.								
NOTE: Supplement in items 1 through at the top of this for	6 on this report is	of lists, sketches included on each	, or drawings m sheet, and (3)	ay be used, provi each sheet is nur	ided (1) siz nbered and	e is 8 ½ ln. x 11 in., I the number of she	(2) information ets is recorded		

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
l cert	tify that the statements made in the report are correct and this conforms to the requirements of the ASME Code,
Section XI	
Type Cod	e Symbol Stamp NA NA
	of Authorization No. NA Expiration Date NA
1	Adulotization No.
Signed	Owner or Owner's Designee, Title
	Owner of Owner s Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the	undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors tate or Province of Pennsylvania and employed by HSB GLOBAL STANDARD
of	Hartford, CT have inspected the components described
in this Ow	mer's Report during the period <u>OCOBER</u> 39, 2013 to JUNE 5, 2014, and state that it of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this Owne	it of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in It's Report in accordance with the requirements of the ASME Code, Section XI.
	igning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
	nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emplo able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspe	
	Commissions 14396 ANI
	Inspector's Signature National Board, State, Province, and Endorsements

Owner Exelon Generation Co., LLC Name					AY 19, 201	4	
	200 Exelon Way. Addre		Sheet	of	2		
2. Plant	Limerick Genera Nam			Unit	1		
31	46 Sanatoga Road Addre	d, Pottstown, PA	19464	Work On Repair/Re		7626 CRD EXCHA t Organization P.O.	
3. Work Performed t	Type Cod Authoriza	Type Code Symbol Stamp N/A Authorization No. N/A					
20	00 Exelon Way, Ke Addre		19348	Expiration	Date	N	I/A
4. Identification of Sy	ystem <u>047 (</u>	CONTROL ROD	DRIVE	Line No.	10-S299-	50-11	
5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Co	ion of Section XI U ction XI Code Case	ised for Repair / I	on, <u>1974</u> Ad Replacement Ad	idenda, <u>W'75</u> ctivity: <u>2001 Editi</u>	Code on, 2003 A	9 Case_1361-2 Addenda	
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
						·	and the second s
7. Description of Wo	ork: <u>PISTON TUB</u>	E ASSEMBLY IN	ISTALLED IN C	RD LOCATION S	50-11, SEF	RIAL # 7021	
8. Tests conducted:		☐ Pneumat 51psi Tes		minal Operating F	ressure 🛭	I Exempt □	
NOTE: Suppleme	ntal sheets in form	of lists, sketches	, or drawings m	ay be used, provi	ded (1) siz	e is 8 ½ in. x 11 ln	(2) information

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 $\frac{1}{2}$ in. x 11 ln., (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 50-11.
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 Date Date Owner or Owner's Designee, Title
CERTIFICATE 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 SO SOLIZ to SOLIZ to SOLIZ And state that to 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 ANI
Commissions 14396 ANI Inspector's Signature National Board, State, Province, and Endorsements
Date June 5, 2014

			1.11	· · · · · · · · · · · · · · · · · · ·			
1. Owner	Exelon Gene Nam		44	Date _M/	VY 19, 201	4	
<u> </u>	200 Exelon Way.		PA 19348	Sheet	_1of_	2	
2. Plant	Limerick Genera	ating Station		Unit	1		
	Nam						
31	46 Sanatoga Roa Addre		19464	Work Or Repair/Re	der R122 placement	7626 CRD EXCHAI Organization P.O.	NGE FOR 1R15 No., Job No. Etc.
3. Work Performed t	oy <u>Exelon Gene</u> Nam	ration Co., LLC		Type Cod Authoriza	e Symbol Stion No	Stamp N	VA
20	00 Exelon Way, Ke Addre		19348	Expiration Date N/A			
4. Identification of Sy	ystem 047 (CONTROL ROD	DRIVE	Line No.	10-5299-	42-51	
5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Co	ion of Section XI U ction XI Code Case	sed for Repair / I	n, <u>1974 A</u> ddel Replacement Ad	nda, <u>W'75</u> (ctivity: <u>2001 Editi</u>	Code Case on, 2003 A	_1361-2 ddenda	
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 Wo	ork: <u>PISTON TUB</u>	E ASSEMBLY IN	STALLED IN C	RD LOCATION 4	2-51, SER	IAL # 7409	
8. Tests conducted:		Pneumat		minal Operating F °F.	ressure 🛭	I Exempt □	
NOTE: Supplement in items 1 through at the top of this for	6 on this report is	of lists, sketches included on each	s, or drawings m sheet, and (3)	ay be used, prov each sheet is nur	ided (1) siz nbered and	e is 8 ½ in. x 11 in., I the number of she	, (2) information ets is recorded

Remarks <u>MANUFACT</u> 27626.	URER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLE IN CRD LOCATION 42-51.
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	statements made in the report are correct and this conforms to the requirements of the ASME Code,
Section XI.	A NA A
Type Code Symbol S	
Certificate of Authoriz	tation No. NA Expiration Date NA
Signed Owner	or or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
L the undersion	ed, holding a valid commission issued by the National Board of Boller and Pressure Vessei Inspectors
and the State or Prov	
in this Owner's Repo	rt during the period CCTOREC 30, 25/3 to JUNE 5, 25/4 and state that
this Owner's Report I	wledge and belief, the Owner has performed examinations and taken corrective measures described in n accordance with the requirements of the ASME Code, Section XI.
By signing this o	certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning I corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emplo
shall be liable in any this inspection.	manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.	
	Commissions 14396 ANI
Inspe	ctor's Signature National Board, State, Province, and Endorsements
\	

1. Owner	Date MA	Y 19, 201	4				
	200 Exelon Way, Kennett Square, PA 19348 Address					2	
2. Plant	2. PlantLimerick Generating Station Unit1 Name						
3146 Sanatoga Road, Pottstown, PA 19464 Work Order R1227626 CRD EXCHANGE FOR 1R1 Address Repair/Replacement Organization P.O. No., Job No. 8						IGE FOR 1R15 No., Job No. Etc.	
3. Work Performed to	oy <u>Exelon Gene</u> Nam			Type Code Authorizat	e Symbol S ion No	Stamp N	/A VA
20	00 Exelon Way, Ke Addre		19348	Expiration	Date		1/A
4. Identification of Sy	ystem047.0	CONTROL ROD	DRIVE	Line No.	10-S299-7	22-23	
5. (a) Applicable Cor (b) Applicable Edit (c) Applicable Sec 6. Identification of Co	ion of Section XI U	sed for Repair / f					
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	201 3	INSTALLED	YES
7. Description of Wo	ırk: <u>PISTON TUB</u>	ASSEMBLY IN	STALLED IN C	RD LOCATION 2	2-23, SER	IAL # A8855	
8. Tests conducted:	8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐ Other ☐ 1051psi Test Temp154°F.						
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 ½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

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 Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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 Pennsyvania and employed by HSB GLOBAL STANDARD of Hartford, CT In this Owner's Report during the period CHOPER 25, 2013 to Survey State of the Components 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 personal injury or properly damage or a loss of any kind arising from or connected with	9. Remarks MANUFACTURER DATA SHEET ATTACHED. PISTON TUBE ASSEMBLY INSTALLED IN CRD LOCATION 22-23 R1227626.
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	Applicable Manufacturer's Data Reports to be attached
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	
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 Certificate of Authorization No. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 In this Owner's Report during the period Symbol	
Certificate of Authorization NA Signed Owner or Owner's Designee, Title CERTIFICATE 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 in this Owner's Report during the period EXTORED to have inspected the components 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 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	CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. Signed Owner or Owner's Designee. Title CERTIFICATE 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 EXTOREL 25, 2013 to New 5, 2-14, and state that to the best of my knowledge and bellef, 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	
Certificate of Authorization No. Signed Owner or Owner's Designee. Title CERTIFICATE 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 EXTOREL 25, 2013 to New 5, 2-14, and state that to the best of my knowledge and bellef, 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	Type Code Symbol Stamp_ A _ A _ NA
Owner or Owner's Designee, Title CERTIFICATE 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 ExtoREL 25, 2013 to AMM 5, 2-19, and state that to 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	
CERTIFICATE 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 Externel 25, 2013 to June 5, 2-14, and state that to 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	MAY 126 IH
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 **Expression**	
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 **Extra 15, 2-13** to **15, 2-14**, and state that to the best of my knowledge and belief, the Owner has performed experiormate 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	
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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 Exters 25, 2013 to June 5, 2-14, and state that to 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	CERTIFICATE OF INSERVICE INSPECTION
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 Exters 25, 2613 to June 5, 2-14, and state that to 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	I, the understaned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
In this Owner's Report during the period <u>extored</u> 25, <u>2013</u> to <u>1 2014</u> , and state that to 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	and the State or Province of Pennsylvania and employed by HSB GLOBAL STANDARD
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By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning
	the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
uno diopodarii	this inspection.
Commissions 14396 ANI National Board, State, Province, and Endorsements	
Date JUNE 5 .2014	

Exelon Generation Company, LLC Date									
Name									
	200 Exelon W Adde	/ay, Kennett Squaress	are, PA 19348	Sheet	1 of	2			
2. Plant	Limerick Gene	rating Station		Linit		1			
	Nai		·			· · · · · · · · · · · · · · · · · ·	***************************************		
3146 Sanatoga Road, Pottstown, PA 19464 Work Order # C0249492									
	Address Repair Organization P.O. No., Job No. etc.								
3. Work Perfor	med byExelon Nucl	ear		Type Code	Symbol Stamp	None			
		me		Authorizati	Authorization No. None				
***************************************	3146 Sanatoo	ga Road, Pottstov	vn. PA 19464	Expiration	Date	None			
A Identification	Addi of System_Stand By		Svetam (148.)			Pump 18-P2			
4. Identification	of System Stand by	Liquid Control 10	ystem 040)	Line No.	EOD-114	Funip 16-F2	<u> </u>		
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 Name of Manufacturer Serial No. Name of Manufacturer Serial No. National Other Year Built Board No.					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		
			• • •						
				_					
		<u></u>							
* Traceability per Exelon part code number.									
7. Description	of Work Replaced (3)	SBLC pump stuff	ling box glands	<u> </u>					
8. Tests condu	octed: Hydrostatic C	Pneumatic Pressure <u>1</u> 2		perating Pressure st Temp. N/A °					
tion in Items	plemental sheets in fo through 6 on this re the top of this form.	m of lists, sketch port is included o	es, or drawing n each sheet,	s may be used, prov and (3) each sheet i	vided (1) size 8 1 s numbered and	/2 in. x 11 in., (2) Infor the number of sheets i	ma- is		

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	
Applicable Manufacturer's Data Reports to	be attached
CERTIFICATE OF COMPLIAN	CE
I certify that the statements made in the report are correct and that this conforms to Type Code Symbol Stamp NA	o the requirements of the ASME Code, Section XI
Certificate of Authorization No. NA.	Expiration Date NA
0 V V	
Signed J.H. Kramer, site weld administra Owner or Owner's Designee, Title	tor_Date_January 23, 2014
CERTIFICATE OF INSERVICE INSP	ECTION
I, the undersigned, holding a valid commission issued by the National Board of or Province of Pennsylvania and employed by	Boiler and Pressure Vessel Inspectors and the State HSB Global Standardsof
Hartford, Connecticut	have inspected the components described
in this Owner's Report during the period January 3), 2014	
to the best of my knowledge and belief, the Owner has performed examinations. Owner's Report in accordance with the requirements of the ASME Code, Section	
By signing this certificate neither the Inspector nor his employer makes any w	
examinations and corrective measures described in this Owner's Report. Further	
shall be liable in any manner for any personal injury or property damage or a los inspection.	s of any kind arising from or connected with this
mapound.	
Commissions1 Inspector's Signature Nation	14396 A, N, I PA 3045 hal Board, State, Province, and Endorsements
	an again, and a result of the mission in the
Date JANVARY 31, 2014	

15-termination to the second s								
1. Owner	Exelon Gene Nar	ration Company, I	LLC	Date	Sep	tember 23, 2013		
	200 Exelon W Addi	ay, Kennett Squa	are, PA 19348	Sheet	1 of	2		
2. Plant		rating Station		Unit				
Nam e								
	3146 Sanatog Addi	<u>a Road, Pottstow</u> ess	n, PA 19464			order # R1080674 on P.O. No., Job No.	etc.	
O Mart Dadon	mad his Evolon Nivel			Type Cod	e Symbol Stamp	None		
3. Work Periori	ned by <u>Exelon Nucl</u> Nai			Authorizat	tion No.	None		
	3146 Sanator	a Road, Pottstov	m. PA 19464	Expiration	Date	None		
	Add	ress						
4. Identification	of System Stand By	Liquid Control (S	system 048)	Line No.	ECB-114	Valve XV-048-1F004	IA	
5. (a) Applicat	ole Construction Code	ASME III	19 <u>77</u>	Edition,Sum	mer 1977 Adde	enda, N/A	_Code Case	
	ible Edition of Section ible Section XI Code C			ements: 20 <u>01 with</u>	addenda inroug	<u>n 2003</u>		
6. Identification	of Components Repa	ired or Replaced	and Replacem	ent 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 po	er Exelon part code nu	mber.						
7. Description	of Work Replaced exp	olosive valve trioc	ger body and in	let fitting.				
8. Tests condu	octed: Hydrostatic :: Other	Pneumatic Pressure 12		perating Pressure st Temp. N/A	•			
tion in items	plemental sheets in fo a 1 through 6 on this re 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)

. Hemarks: 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
Type Code Symbol Stamp INA
Certificate of Authorization No. NA Expiration Date NA
Signed J. W. J.H. Krarner, site weld administrator Date September 23, 2013 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CENTRICATE OF INCENTRICE MODE OF THE CONTROL
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 4000 26, 2013 to 00000000000000000000000000000000000
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 Octo864 18 2013
Multi-manufacture of the second secon

1. Owner	Exelon Gene Nar	ration Company,	rrc	Date		April 18, 2014		
		/av, Kennett Squa	are, PA 19348	Sheet	_1 of	2		
	Addi	ress						
2. Plant	Limerick Gene Na			Unit	•	1		
	3146 Sanatog	a Road, Pottstow	n, PA 19464		Work (Order # R1099490		
	3146 Sanatoga Road, Pottstown, PA 19464 Work Order # R1099490 Address Repair Organization P.O. No., Job No. etc.							
3. Work Perform	med by <u>Exelon Nucl</u>			Type Cod	e Symbol Stamp	None		
	Na	me		Authorizat	tion No.	None		
	3146 Sanatoo	a Road, Pottstov	vn. PA 19464	Expiration	Date	None		
4. Identification	of System Stand By		System 048)	Line No.	ECB-114	Valve XV-048-1F004	<u>c</u>	
(b) Applica (c) Applica	ole Construction Code ble Edition of Section ble Section XI Code C of Components Repa	XI Utilized for Re Case(s) <u>N-686-1</u>	pairs or Replac	cements: 20 <u>01 with</u>		Addenda, N/A h 2003	_Code Case	
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 pe	er Exelon part code nu	mber.						
7. Description	of Work Replaced exp	plosive valve trigo	ger body and in	let fitting.				
8. Tests condu	octed: Hydrostatic C	Pneumatic : Pressure1		perating Pressure st Temp. N/A	•			
tion in items						1/2 in. x 11 in., (2) info d the number of sheets		

9. Remarks: <u>Manufacturer's data reports are traceable by Exelon work order package.</u> Applicable Manufacturer's Data Reports to be attached
Applicable Manufacturer's Data Hepons 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 N
Signed J. 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 HSB Global Standards
Hartford, Connecticut have inspected the components described in this Owner's Report during the period OCTOBER, 28, 2013 to AFRIL 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.
Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 18, 2014

			· · · · · · · · · · · · · · · · · · ·						
1. Owner		ration Company, LL	С	Date	M	ay 10, 2014			
	Nan	ne							
	200 Exelon V Addr	/av, Kennett Square	e, PA 19348	Sheet1	_ of	2			
2. Plant	Limerick Gen	erating Station		Unit		1			
Z. Figint	Nar								
	3146 Sanaton	a Road, Pottstown,	DA 19464		Work Order C0252110				
	ess	Repai		on P.O. No., Job No. e	tc.				
Work Performed by Exelon Nuclear				Type Code Syn	nhoi Stamp	None			
5. Work Fellolliled	ne	Authorization N	0	Not applicab	le				
3146 Sanatoga Road, Pottstown, PA 19464 Address				Expiration Date		Not applicab	le		
4. Identification of S	System Reactor (Core Isolation Cools	ant (System	049) Line No. DBA	-107	Valve HV-04	9-1F008		
(b) Applicable	Edition of Section :	ASME III 19 XI Utilized for Repa ase(s) N/A	irs / Replacer	winter 1974 ment Activity 20 <u>01 editio</u>	Addenda, _ n with adde	N/A Code Case nda through 2003	e 		
6. Identification of C	Components								
Name of Component	Name of Manufacturer	Manufacturer Serìal 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 E	xelon stock code r	number.	<u> </u>	1	L	<u> </u>	L		
7. Description of w	nde Renlaced 9° t	NPS alobe valve dis	tr.						
Tests conducted	******			perating Pressure 🗇	Exempt				
	Other :: N/			°F.					
tion in items 1 ti recorded at the	nrough 6 on this re top of this form.	eport is included on	each sheet,	may be used, provided and (3) each sheet is nu 22 Law Drive, Box 2300	mbered and	i the number of sheets			

217

Ahi	plicable Manufacturer's Data Reports	to be attached		
	CERTIFICATE OF COMPLIA	NCE		
certify that the statements made in the rep	port are correct and that this conforms	to the requirements	of the ASME Code	Cootion VI
		•	·	Section At.
ype Code Symbol StampNA				
Certificate of Authorization No	NA		Expiration Date	
Signed Oran W K.	NA J.H. Kramer, Site weld administrator e	Data	May 10 2	014
Owner or Owner's Designee, Title	e	Date	<u> </u>	U <u>14</u>

	CERTIFICATE OF INSERVICE INS	PECTION		
I, the undersigned, holding a valid comm	nission issued by the National Board (of Boiler and Pressure	Vessel Inspectors	and the Stat
or Province of <u>Pennsylvania</u> Hartford, Connectic	and employed by	HSB Global Sta have inspected the	ndards	الم ما
in this Owner's Report during the period	MARCH 26, 2014	to MAY 12	2014 . a	nd state tha
in this Owner's Report during the period to the best of my knowledge and belief,	the Owner has performed examination	ns and taken corrective	e measures descrit	ed in this
Owner's Report in accordance with the re			d = . l-=	
examinations and corrective measures d	Inspector nor his employer makes ar	ny warranty, expresse	a or implied, concer repector nor his am	ning the
	sonal injury or property damage or a lo			
	.,.,,			
inspection.				
	Commissions 14396	A. N. I PA 3045		

1. Owner	Exelon Generation Company, LLC Name				A _I	oril 28, 2014			
············	200 Exelon V Addı	<u>/ay, Kennett Squar</u> ress	e, PA 19348	Sheet1	_ of	2			
2. Plant				Unit		1			
	Nar	ne							
	3146 Sanatog Addi	a Road, Pottstown,	PA 19464	Renai		Order C0249213 on P.O. No., Job No. 6	etc		
2 Mark Darfarmad	V - L			·	_				
3. Work Performed	Work Performed by <u>Exelon Nuclear</u> Name				0	None Not applicat	ole		
	3146 Sanatoga Road, Pottstown, PA 19464 Address					Not applicat	ole		
4. Identification of S	System Reactor	Core Isolation Cool	ant (System	049) Line No. EBB	-135-01	Valve 04	9-1F014		
(b) Applicable	Edition of Section Section XI Code C		irs / Replacer	19 <u>68</u> Edition, nent Activity 20 <u>01 editio</u>			_Code Case		
			T	<u> </u>			1 .0.15		
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 E	xelon stock code i	number.		Andrew Committee Com		-			
7. Description of w									
8. Tests conducted		Pneumatic 🗆 40 psi Test		perating Pressure = A°F.	Exempt				
				may be used, provided and (3) each sheet is nu					

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

Remarks_ <u>Manufacturers data reports are traceable by work order package.</u>
Applicable Manufacturer's Data Reports to be attached
Disc material and hinge pin material meet ASME III. 1986 edition regulrements.
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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed La J. K. J.H. Kramer, Site weld administrator Date April 28 , 2014
· Office of Office a posignos, find
CERTIFICATE OF INSERVICE INSPECTION
t, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> of
have inspected the components described in this Owner's Report during the period SFREMBER 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.
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements
Date

1. Owner	Exelon Generation Company, LLC Name					lay 19, 2014	
	Nan	ne					
ATTICA (1) (1) (1)	200 Exelon W Addr	/ay, Kennett Square ess	e, PA 19348	Sheet1	_ of	2	
2. Plant	Limerick Gen			Unit		1	· · · <u>· · · · · · · · · · · · · · · · </u>
 	3146 Sanatog Addr	a Road, Pottstown,					
	Addi	ess		Repair Organization P.O. No., Job No. etc.			
Work Performed	Type Code Syn Authorization N	Type Code Symbol Stamp None Authorization No. Not applicable					
	Expiration Date		Not applicab	le			
4 (-4	Addi		(C	O4ON LISS NO LINE	4.45	M-6 104.0	40 45000
4. Identification of S	System <u>Heactor (</u>	Sore Isolation Cools	ant (System	049) Line No. HBB	-145	Valve HV-04	19-1F080
(b) Applicable	Edition of Section :	ASME III 19 XI Utilized for Repa ase(s) N-686-1	irs / Replacer	winter 1974 ment Activity 20 <u>01 editio</u>	Addenda, _ n with adde	N/A Code Casenda through 2003	9
6. Identification of 0	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	Install ed	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 E 	xelon stock code r	number.	***********	<u> </u>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	L
7. Description of v		NPS RCIC motor	operated ga	te valve and adjacent p	ipe. Replac	ed valve packing leak	off plug with
8. Tests conducted	d: Hydrostatic ☐ Other :95				Exempt 🗖		
tion in items 1 to recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet, a	may be used, provided and (3) each sheet is nu 22 Law Drive, Box 2300	mbered and	t the number of sheets	

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.
Valve 117-043-11 Goo constituated in accordance with Advise III, 1371 Edition with addenda fill dugit summer 1371.
CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPENANCE
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
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date N
Signed J. H. Kramer, Site weld administrator Date May 19, 2014
Signed J.H. Kramer, Site weld administrator Date May 19 , 2014
apple of officer of ordinarios, this
CERTIFICATE OF INSERVICE INSPECTION
CENTIFICATE 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, 2019 to MAY 20, 2019 , and state that
to 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, 1 PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MAY 20, 2014

1. Owner	Exelon Gener Nan	ation Company, LL	c	Date	M	ay 19, 2014		
	200 Exelon V Addr	/ay, Kennett Square	e, PA 19348	Sheet1	_ of	2		
2. Plant	Limerick Gen Nar	erating Station ne	-	Unit		1		
	3146 Sanatog Addi	a Road, Pottstown, ess	PA 19464		Work Order C0242449 Repair Organization P.O. No., Job No. etc.			
3. Work Performed	ear	Type Code Syn	nbol Stamp	None				
	Nar	ne		Authorization N			le	
	3146 Sanato Addi	ga Road, Pottstowr	n, PA 19464	Expiration Date		Not applicab	le	
4. Identification of S			ant (System	049) Line No. HBB	-145	Valve HV-0-	19-1F084	
(b) Applicable	Edition of Section :	ASME III 19 XI Utilized for Repa ase(s) N-686-1	irs / Replacer	winter 1974 ment Activity 20 <u>01 editio</u>	Addenda, _ n with adde	N/A Code Cas nda through 2003	e	
6. Identification of t	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 E	xelon stock code r	umber	<u> </u>	l				
Description of w Tests conducted		Pneumatic 🗇	Nominal C	perating Pressure	Exempt 🗆			
tion in items 1 the recorded at the	hrough 6 on this re top of this form.	port is included on	each sheet, a	may be used, provided and (3) each sheet is nu 22 Law Drive, Box 2300	mbered and	the number of sheets	ma- is	

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 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
Owner or Owner's Designed, Title
CERTIFICATE 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
Mational Board, State, Province, and Endorsements
Date

1. Owner	Exelon Gene Nar		.c	Date	N	1ay 6, 2014			
	200 Exelon V	Vay, Kennett Squar	e. PA 19348	Sheet 1	of	2			
	Addı						······································		
2. Plant	Limerick Gen Nar	erating Station		Unit		1			
									
<u></u> - <u>_</u>	3146 Sanatog Addi	a Road, Pottstown, ress	PA 19464	Repai	Work Order C0248797-41 Repair Organization P.O. No., Job No. etc.				
3. Work Performed	by Exelon Nucl	ear		Type Code Syn	nbol Stamo	None			
	Authorization N	o	Not applicat	ole					
<u></u>		ga Road, Pottstown	n, PA 19464	Expiration Date		Not applicat	ole		
	Add								
4. Identification of \$	SystemReactor	Core Isolation Cool	ant (System	049) Line No. SP-	EBB-136-E0	02			
(b) Applicable	Edition of Section		irs / Replacer	winter 1974 Ament Activity 20 <u>01 edition</u>			• •		
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 E	xelon stock code r	number	<u> </u>				<u> </u>		
			`nina intada-	anna ramoval 9 installat	ion				
Description of w Tests conducted	i: Hydrostatic 🗆	Pneumatic 🗆	Nominal O	•	Exempt 🗆				
tion in items 1 to recorded at the	nental sheets in for hrough 6 on this re top of this form.	m of lists, sketches eport is included on	each sheet, a	A°F. may be used, provided and (3) each sheet is nu 22 Law Drive, Box 2300	mbered and	the number of sheets	ma- s is		

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
Certificate of Authorization No. NA Expiration Date NA Signed J.H. Kramer, Site weld administrator Date May 6, 2014 Owner or Owner's Designee, Title
dwher or Owner's Designee, Title
CERTIFICATE 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 29, 2619 to MAY 8, 2619 and state that
to 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.
The position of the party of th
Commissions_ 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date

1. Owner	Exelon Gene	ration Company, LL	.C	Date	M	ny 17, 2014			
	Nan					., .,			
	200 Exelon W Addr	/ay, Kennett Squar ess	e, PA 19348	Sheet1	_ of	2			
2. Plant	Limerick Gen	erating Station		Unit		1			
	Nar								
		a Road, Pottstown,	PA 19464		Work Order C0250867				
Address				Repai	r Organizati	on P.O. No., Job No. 6	etc.		
Work Performed by <u>Exelon Nuclear</u> Name				Type Code Syn Authorization N	nbol Stamp	None Not applicab	10		
									
	3146 Sanato Addi	ga Road, Pottstowr ess	n. PA 19464	Expiration Date		Not applicab	<u>ie</u>		
4. Identification of S	System <u>RHR Ser</u>	vice Water (Sy	rstern 012 & 0	051) Line No. SP-F	IBC-183-00	E Valve 05	1-1072B		
				fition, Winter 74 ment Activity 2001 edition					
(c) Applicable	Section XI Code C	ase(s) <u>N-686-1</u>	,	,					
6. Identification of 0	Components								
			I			Corrected,	ASME		
Name of	Name of	Manufacturer	National	Other Identification	Year	Removed, or	Code		
Component	Manufacturer	Serial No.	Board No.		Built	Installed	Stamped (Yes or		
							No)		
2" Bail Valve	BNL	*******	N/A	* 114-63218	0040	1i-lod	Vaa		
051-1072B	Industries	A130804-1-4	I WA	PO# 062025	2013	Installed	Yes		
(1) 2" NPS Half	Colonial	Heat No.		* 114-92683					
Coupling	Machine Company	A080612-1	N/A	PO# 038863	N/A	Installed	No		
		Lioné Na		* 44.4 00000					
(1) Foot 2" NPS pipe	Sandvik PEXCO	Heat No. 521756	N/A	* 114-90030 PO# 042094	N/A	Installed	No		
* Traceability per E	xelon stock code r	number	L		<u> </u>				
			.						
 Description of w Tests conducted 					Evennt C				
G. 18515 CONTROCREC	•	8 psi Test Tem		Operating Pressure ■ °F.	Exempt []				
NOTE: Supplen	nental sheets in fo	rm of lists, sketches	s, or drawings	may be used, provided	(1) size 8 1	/2 in. x 11 in., (2) infor	ma-		
tion in items 1 ti	hrough 6 on this re top of this form.	eport is included on	each sheet, a	and (3) each sheet is nu	mbered and	the number of sheets	is		
		ed from the ASME	Order Dept.,	22 Law Drive, Box 2300	, Fairfield, N	I.J. 07007-2300			

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.
WORK COMpleted in accordance with Exercit design change Earl 14-00001.
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 NoNAExpiration Date NA
Signed Que W. K. J.H. Kramer, Site weld administrator Date May 17 , 2014
Owner or Owner's Designee, Title
CERTIFICATE OF INDEPUTION INCREMENT
CERTIFICATE 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 <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> of
in this Owner's Report during the period MACH 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.
Commissions_14396 A, N, I PA 3045
Mational Board, State, Province, and Endorsements
DateMAy 9,2014
,

1. Owner	Exelon Gen	LC_	Date	Date July 31, 2013						
***************************************	200 Exelon	Way, Kennett Squa	are, PA 1934	Sheet	1 of	2				
2. Plant	Limerick Ge	nerating Station		Unit		11				
		oga Road, Pottstow dress	n PA 19464		Work Order No. R1012717 Repair Organization P.O. No., Job No. etc.					
3. Work Perform	ned by <u>Exelon Nu</u> Na	clear ame		de Symbol Stamp ation No						
·		oga Road, Pottstow dress	m PA 19464	Expiratio	n Date	N/A				
4. Identification	of System: Core Sp	гау	(System	052) <u>Line No.</u>	SP-GBB-113-03	E PSV-05	2-1F012A			
(b) Applicat	ole Construction Code ble Edition of Section ble Section XI Code of Components	n XI Utilized for Rep	airs or Repla	Edition, cements: 2001 edi	Winter 1974 Add tion with addenda	denda, N/A through 2003	Code Case			
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			
	er Exelon stock code of work: Replaced co		9							
8. Tests conduc	oted: Hydrostatic Other	Pneumatic 270_PSI Test Te		Operatin <mark>g Press</mark> ure °F.	Exempt					

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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. 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 (site weld administrator) Date July 31, , 2013 Other or Owner's Designee, Title
CERTIFICATE 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
to 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.
INSPECTION:
Commissions14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date AVGUST 1, 2013

							<u> </u>		
1. Owner		eration <u>Company, L</u> ame	LC	Date	<u>J</u>	uly 27, 2012	***************************************		
		Way, Kennett Squa dress	re, PA 19348	Sheet _	of	2			
2. Plant		enerating Station ame		Unit		1			
•		oga Road, Pottstown dress		Work Order No, C0238747 Repair Organization P.O. No., Job No. etc.					
3. Work Perform	ed by <u>Exelon Nu</u> N	clear ame		Type Co Authoriza	Type Code Symbol Stamp N/A Authorization No. N/A				
	3146 Sanat Ad	n Date	N/A						
4. Identification of	4. Identification of System: Core Spray (System 052) Line No. SP-GBB-112-03E PSV-052-1F012B								
(b) Applicab	ele Edition of Section ele Section XI Code	n XI Utilized for Rep	19 <u>74</u> airs or Repla –	Edition,_ cements: 2001 edi	Winter 1974 Add tion with addenda		Code Case		
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		
•	ted: Hydrostatic	relief valve with a s	Nominal (Operating Pressure	e ■ Exempt :				
	lemental sheets in t		es, or drawing	 gs may be used, pr		1/2 in. x 11 in., (2) info			

tion 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

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
a 11 W
Signed 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 $\frac{5}{2}$ $\frac{2}{17}$, to $\frac{10}{2}$ 17, and state that
to 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.
nuxe 14 00
MM / Commissions NB 13977 A.N.I PA 3020
Commissions NB 13977 A, N, T PA 3020 Inspector's Signature National Board, State, Province, and Endorsements Date 2 06708 ER 2017

1. Owner		eration Company. Ime	LLC	Date		July 6, 2012		
		Way, Kennett Squ dress	iare, PA 1934	Sheet _	of	2		
2. Plant		nerating Station ame		Unit		1		
		oga Road, Pottstov dress	wn PA 19464			Order No. R0937525 ion P.O. No., Job No.	etc.	
3. Work Perform	ed by <u>Exelon Nu</u> N	Exelon Nuclear Name			de Symbol Stamp ation No.	N/A N/A	A	
		oga Road, Pottsto dress	wn PA 19464	Expiration	on Date	N/A		
4. Identification	of System: Core Sp	гау	(System	052) Line No.	SP-HBB-120-05	F PSV-0	52-1F032B	
(b) Applicat	ole Edition of Section ole Section XI Code	XI Utilized for Re	pairs or Repla			denda, N/A through 2003	Jule Gase	
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 flance	Western Forge & Flange	Heat No. A090309 WFI Code	N/A	* 114-90527 PO# 009825- 4470	N/A	Installed	No	

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 ln. 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

^{*} Traceability per Exelon stock code number.

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 manufacturered 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 StampNA									
	Certificate of Authorization NoNAExpiration DateNA									
	Signed Jan H: Kramer (site weld administrator) Date July 6, , 2012 Owner's Designee, Titte									
	CERTIFICATE OF INSERVICE INSPECTION									
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Property and Province of Property of of Pro									
	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									
	in this Owner's Report during the period									
	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.									
	MITTIFE COMMISSION NR 13977 AN I PA 3020									
	Commissions NB i 3977 A, N, T, PA 3020 Inspector's Signature National Board, State, Province, and Endorsements									
	Date_1014 31 2017.									

		· · · · · · · · · · · · · · · · · · ·					
1. Owner		ation Company, LL	С	Date	A	pril 16, 2014	
	Nar	ne					
	200 Exelon V Addı	/ay, Kennett Square	e, PA 19348	Sheet 1	_ of	2	······································
2. Plant		erating Station	Unit	······································	1		
	Nar	ne					
	3146 Sanatog	a Road, Pottstown,	PA 19464	w	ork Order N	o. R1167483	
	Addi					on P.O. No., Job No. e	etc.
3. Work Performed	by Exelon Nucl	ear		Type Code Syn	nbol Stamo	None	
S. 110, S	ne	Authorization N	0.	Not applicab	ole		
	2146 Capata	ga Road, Pottstowr	- DA 10464				ماه
	Addi		I, FA 13404	Expiration Date		Not applicat	116
4. Identification of S	System_HPCI & H	PCI Turbine (Syste	m 055 and 0	56) Line No. HBB	-113	PSE-056-10	0003
(b) Applicable (c) Applicable	Edition of Section Section XI Code C		irs / Replacer	lition, <u>summer 19</u> nent Activity 20 <u>01 editic</u>			_Code Case
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 E	xelon stock code r	iumber.		· · · · · · · · · · · · · · · · · · ·			<u> </u>
7. Description of w	ork: Replaced HP	OI turbine exhaust i	nboard ruptur	e disc and vacuum sup	port holder.		****
8. Tests conducted		Pneumatic () O psi Test Ten			Exempt 1		
tion in items 1 ti				may be used, provided nd (3) each sheet is nur			

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

Remarks: N	one Applicable Manufacturer's Data Reports to be attached
	Applicable Manulacturers Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
certify that the	e statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section X
vne Code Sv	nbol StampNA
•	
Certificat	a of Authorization No. NA Expiration Date NA J.H. Kramer (site weld administrator) Date April 16 , 2014 er or Owner's Designee, Title
ignedQ	J.H. Kramer (site weld administrator) Date April 16 , 2014
O/fp	er or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	signed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S
of Province	of <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> Hartford, Connecticut have inspected the components described to the component
in this Own	Hartford, Connecticut have inspected the components describers Report during the period JUNE 14, 2013 to MRIL 17, 2014, and state
to the best	of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this port in accordance with the requirements of the ASME Code, Section XI.
	ng this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examination	s and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liab inspection.	e 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
	APRIL 17. 2014

1. Owner	Exelon Gene Nar	ration Company, LL	.C	Date	Aı	oril 16, 2014	
	200 Exelon V Add	/ay, Kennett Square	e, PA 19348	Sheet1_	_ of	2	
2. Plant	Limerick Gen Nar		····	Unit		1	
AND THE PARTY OF T		Work Order No. R1167484 Repair Organization P.O. No., Job No. etc.					
3. Work Performed	Type Code Syl	Type Code Symbol Stamp None Authorization No. Not applicable					
	3146 Sanato Add	ga Road, Pottstowr ess	n, PA 19464	Expiration Date	e	Not applica	ble
4. Identification of S	System <u>HPCI&H</u>	PCI Turbine (Syste	m 055 and 0	56) Line No. HBI	3-113	PSE-056-1	D004
(c) Applicable	Edition of Section Section XI Code C		irs / Replacer	dition, <u>summer 19</u> ment Activity 20 <u>01 editid</u>		enda, <u>N/A</u> nda through 2003	_Code Case
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	82357 83 A	N/A	* 114-34521 PO# 060666	·2013	Installed	No
* Traceability per E	xelon stock code r	umber.					
Description of w Tests conducted	t: Hydrostatic 🗈	CI turbine exhaust of Pneumatic 33 (A_psi Test Ter	Nominal Op	ure disc and vacuum su perating Pressure (5) °F.	exempt		
NOTE: Suppler	nental sheets in fo	m of lists, sketches	s, or drawings	s may be used, provided	f (1) size 8 1/	'2 in. x 11 in., (2) info	orma-

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

Remarks: None	
Applicable Manufacturer's Data Reports to be attached	
CERTIFICATE OF COMPLIANCE	1
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	1
Certificate of Authorization No. NA Expiration Date NA	·
Signed	
Owner's Designee, Title	
	-
	Vallet Annual Control of the Control
CERTIFICATE 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 APPLE 17, 2014, and state	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the	
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	j
inspection.	
Commissions 14396 A, N, I PA 3045 Inspector's Signature National Board, State, Province, and Endorsements	
Date	

1. Owner		ation Company, LL	c	Date	A	oril 10, 2014	
	Nan	ne					
	200 Exelon W Addr	/ay, Kennett Square ess	e, PA 19348	Sheet1	of	<u>2</u>	
2. Plant	Limerick Gen Nar	erating Station ne		Unit		1	
a-anti-distribution	a Road, Pottstown, ess	Rep	Work Order R1005218 Repair Organization P.O. No., Job No. etc.				
3 Work Performed	3. Work Performed by Exelon Nuclear					None	
o. Work I chomica	Nar Nar			Authorization	No.	Not applicab	le
	3146 Sanato Addi	ga Road, Pottstowr	n, PA 19464	Expiration Da	te	Not applicab	le
4. Identification of S	System Containm	ent Atmosphere	(System	057) Line No. SF	-HCB-129-F0	01 Valve SV-	057-101
(b) Applicable	Edition of Section : Section XI Code C	_ASME_III XI Utilized for Repa ase(s)N/A	irs / Replacer	iition, <u>Winter 74</u> nent Activity 20 <u>01 edi</u>	Adde	inda, <u>N/A</u> _C nda through 2003	ode Case
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 E	xelon stock code r	number.					
7. Description of w	ork: Replaced 2" [NPS containment at	mosphere so	lenoid globe valve			
8. Tests conducted	d: Hydrostatic Other : 4			Operating Pressure ☐ °F.	Exempt		
tion in items 1 to recorded at the	hrough 6 on this re top of this form.	eport is included on	each sheet, a		numbered and	/2 in. x 11 in., (2) infor I the number of sheets J.J. 07007-2300	

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.
Sciencid 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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed Q Date April 10 , 2014
Owner's Designee, Title
CERTIFICATE 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 21, 3xq 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.
Commissions 14396 A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 10, 2014

1. Owner	I. Owner Exelon Generation Company, LLC				Ju	ne 14, 2012	
	200 Exelon Way, Kennett Square, PA 19348				of	2	
	Addr						
2. Plant	Plant Limerick Generating Station Name				Co	mmon	
			PA 19464	v	Vork Order N	o. R1102885	
3146 Sanatoga Road, Pottstown, PA 19464 Address						on P.O. No., Job No.	etc.
3. Work Performed	Type Code Syr	nbol Stamp	None	U.f.			
	Nar			Authorization N			
	3146 Sanato Addi	ga Road, Pottstowr ess	1. PA 19464	Expiration Date	·	Not applica	ıble
4. Identification of System Control Enclosure Chilled Water (System 090) Line No. HBC-138						0A-K112	
(b) Applicable	Edition of Section 1	ASME_III XI Utilized for Repa ase(s) None		ition, <u>Summer 1973</u> nent Activity 20 <u>01 editio</u>			_Code Case
6. Identification of 0	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 E	xelon stock code r	number.	<u> </u>		1		
7. Description of w	ork: <u>Repaired</u> chi	ler condenser wate	r box by weldi	ng.			
8. Tests conducted	f: Hydrostatic 3		Nominal Op	erating Pressure	Exempt		
tion in items 1 ti				may be used, provided nd (3) each sheet is nu			

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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 >	√i
I certify that the statements made in the report are confect and that this combines to the requirements of the ASME Code, Section 7	\i.
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration Date	NA
Signed J.H. Kramer, site weld administrator Date June 13. , 201:	າ ວ
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	
	3 44
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S or Province of <u>Pennsylvania</u> and employed by <u>HSBCT</u>	of
Hartford, CT have inspected the components descri	
to 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.	S
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the	
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer	
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
NR 17677 ANT 04 707	
Commissions NB 13971 A, N, T PA 30 20 National Board, State, Province, and Endorsements	
Date ALGUST LO 2017	

OwnerExelon Generation Company, LLC				Date		Ap	ril 11, 2013		
	Nan	ne							
	200 Exelon V Add	lay. Kennett Squar ess	e, PA 19348	Sheet _	_1(of	2		
2. Plant	Limerick Gen Nar	erating Station ne		Unit		Co	mmon		
	3146 Sanatoga Road, Pottstown, PA 19464 Address				Work Order No. C0237152 Repair Organization P.O. No., Job No. etc.				
Work Performed by <u>Exelon Nuclear</u> Name					Type Code Symbol Stamp None Authorization No. Not applicable				
-	3146 Sanato Addi	ga Road, Pottstowr ess	1, PA 19464	Expiratio	on Date _		Not applicat	ole	
4. Identification of S	System Control Er	closure Chilled Wa	ter (System	090) Line No.	HBC-1	38		0A-K112	
5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Ca (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					_Code Case				
6. Identification of (Components								
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificatio	on	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 w	ork: <u>Repaired chil</u>	er condenser wate	r box heads, f	langes and chan	inel by we	elding.			
8. Tests conducted	•	Pneumatic ii 8 psi Test Ten		erating Pressure =	Ex	empt · ·			
tion in items 1 t							2 in. x 11 in., (2) info the number of sheets		

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P. Remarks None.	
Applicable Manufacturer's	Data Reports to be attached
	مورد و بورون دند الله والمطاعرين <u>في من مورد .</u> و مناساته مصافر _{والم} ورد به معامل معامل والمعامل والمعام
	The state of the s
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 NoNA	Expiration Date NA
Signed On Y . W. J.H. Kramer, site we	eld_administrator Date April 11, , 2013
Owner or Owner's Designee, Title	Date April 11, 2010
CERTIFICATE OF IN	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Na	ational Board of Boiler and Pressure Vessel Inspectors and the State
Hartford, CT	HSBCTofofof
	2012 to APPL 30, 2013 and state that
to the best of my knowledge and belief, the Owner has perform Owner's Report in accordance with the requirements of the ASN	ed examinations and taken corrective measures described in this
By signing this certificate neither the Inspector nor his emplo	oyer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's	s Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property inspection.	damage or a loss of any kind arising from or connected with this
inspection.	
Inspector's Signature	ssions 14396 A, N, I PA 3045 National Board, State, Province, and Endorsements
1 n 2h	
Date AFRIL SV. 2013	

1. Owner	Exelon Gener Nan		<u>C</u>	Date		Auc	rust 2, 2012	
	200 Exelon W Addr	Sheet	1of		2			
2. Plant				Unit			Common	
	Name							
3146 Sanatoga Road, Pottstown, PA 19464 Address							o. R1195326 n P.O. No., Job No.	etc
2 Mod Dodowod				T	•	•	•	C.O.
Work Performed by <u>Exelon Nuclear</u> Name				Type Col Authoriza	de Symbo ation No.	Stamp _	None Not applical	ble
3146 Sanatoga Road, Pottstown, PA 19464 Address				Expiratio	on Date		Not applical	ble
4. Identification of System Control Room Chilled Water (System 090) Line No. HBC-143 0B-K112 Condense					Condenser			
(b) Applicable	Edition of Section :	ASME III XI Utilized for Repa ase(s) N-686-1	irs / Replacem					_Code Case
6. Identification of C	Components							
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificatio		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
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				· . <u></u>	
* Traceability per E	xelon stock code r	iumber.	<u> </u>			L		
7. Description of we	ork: Repaired eas	t end main control	room condens	er water box by	weld build	up.		
8. Tests conducted		Pneumatic (: 00_PSI Test Te		rating Pressure F.	E xe	mpt 🖫		
	rough 6 on this re						tin. x 11 in., (2) infone number of sheets	

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9. Remarks None.			
Applicable Manuf	acturer's Data Reports to be atta	ched	
		The state of the s	
			
CERTI	FICATE OF COMPLIANCE		
I certify that the statements made in the report are correct	and that this conforms to the re-	quirements of the ASME Code. Section	XI.
•			
			
Certificate of Authorization No. NA		Expiration Date	<u>NA</u>
Signed J.H. Kr	amer, site weld administrator	Date August 2, 20	12
Owner or Owner's Designee, Title			
CERTIFICAT	E OF INSERVICE INSPECTIO	v	
I, the undersigned, holding a valid commission issued	by the National Board of Boiler a	nd Pressure Vessel Inspectors and the	State
or Province of Pennsylvania and employe	d by HSBCT	•	of
in this Owner's Report during the period 5/19	/(2to	have inspected the components desc 124113, and stat	e that
to the best of my knowledge and belief, the Owner has Owner's Report in accordance with the requirements of	performed examinations and tal	ken corrective measures described in the	his
By signing this certificate neither the Inspector nor		ty, expressed or implied, concerning the	9
examinations and corrective measures described in this	Owner's Report, Furthermore, i	neither the Inspector nor his employer	
shall be liable in any manner for any personal injury or inspection.	property damage or a loss of any	r kind arising from or connected with this	S
DU TIPO DO			
mul It de	Commissions NB 139	77 A,N,I PA 3021	0
Inspector's Signature	National Board	d, State, Province, and Endorsements	
Date 24 JANUARY 2013			

							-	
1. Owner		eration Company, LL	.c	Date	M	arch 13, 2013		
***********	200 Exelon \	Way, Kennett Square	e, PA 19348	Sheet1	of	2		
2. Plant		nerating Station		Unit		1		
	3146 Sanato	ga Road, Pottstown			C0245275 & C02279			
3. Work Perform	med by <u>Exelon Nuc</u>		Type Code	Repair Organization P.O. No., Job No. etc. Type Code Symbol Stamp				
			D4 40404					
	Add	<u>oga Road, Pottstowr</u> dress				N/A		
4. Identification	of System : Emerge	ncy Diesel Generator	r (System-09	32) Line No. 1	AG-LUBE	1A	\-P535	
(b) Applica (c) Applica	ible Edition of Section ible Section XI Code	n XI Utilized for Repa	ir / Replacem	19 N/A nent Activity: 2001 e	Edition, N/A dition with adde	Addenda, N/A nda through 2003	_Code Case	
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 pe	er Exelon part code n	umber and manufact	turer's serial n	umber.	<u> </u>	-		
7. Description	of Work : Replaced	emergency diesel ge	nerator lube o	oil circulation pump.				
8. Tests condu	cted: Hydrostatic :	Pneumatic II Pressure 6 inch		rating Pressure oressure) Test Te	Exempt □ emp. <u>N/A</u> °F.			
tion in items						/2 in. x 11 in., (2) Info the number of sheets		

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Remarks: <u>Lube Oil pump S/N 1401192 was removed from 2B-P535 location and rebuilt under Exelon work order C0227988</u> 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
Owner or Owner's Designee, Title
<u> </u>
CERTIFICATE 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
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.
Commissions14396_A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 18, 2013

					_			· · · · · · · · · · · · · · · · · · ·
1. Owner	Exelon Gener Nan	<u>ation Company, LL</u> 1e	.C		Date	N	larch 1, 2013	
	200 Exelon W Addr	/ay, Kennett Squar ess	e, PA 19348	····	Sheet 1	_ of	22	
2. Plant	Limerick Gene Nar			······	Unit1			
3146 Sanatoga Road, Pottstown, PA 19464 Address				Work Order No. C0245177 Repair Organization P.O. No., Job No. etc.				
3. Work Performed	Work Performed by <u>Exelon Nuclear</u> Name			Type Code Symbol Stamp None Authorization No. Not applicable				
	3146 Sanato Addr	ga Road, Pottstown ess	n, PA 19464		Expiration Date Not applicable			
4. Identification of S	System <u>Emergend</u>	cy Diesel Generato	r (System (092)	Line No. 1A-G5	501-DR Sta	rting Air Valve 0	92-1302A
(b) Applicable	Edition of Section 1 Section XI Code C	Manufacturers Sf XI Utilized for Repa ase(s) <u>N-686-1</u>	irs / Replacer	N/A Ed ment Ad	dition, <u>N//</u> ctivity 20 <u>01 editio</u>	A Add n with adde	enda, N/A nda through 2003	_Code Case
- Identification of	Components		·	·				· • • • • • • • • • • • • • • • • • •
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Othe	r 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 167610-1142	N/A	Installed	No
Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	1	118-00027 O# 053951	N/A	Installed	No
* Traceability per E	xelon stock code r	umber.	1	1	···			.1
Description of w Tests conducted	d: Hydrostatic 🗆	mmercial grade die Pneumatic 🛭 60 psi Test Tel	Nominal C	Operatir	air start valve in g Pressure	-kind. Exempt □	J	

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

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed
Owner or Owner's Designee, Title
CERTIFICATE 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 PENN59LVANIA and employed by HSBCT of have inspected the components described
in this Owner's Report during the period
to 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.
Wash A set to the second
Commissions 14346 A, N, I PA3045 Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 17. 2013
Date NIN- 1

								
1. Owner	Exelon Generation Company, LLC Name				N	larch 1, 2013		
4. 30 ,	200 Exelon Way, Kennett Square, PA 19348 Address				_ of	2		
2. Plant	nt Limerick Generating Station Name							
	3146 Sanatoga Road, Pottstown, PA 19464 Address				Work Order No. C0245172 Repair Organization P.O. No., Job No. etc.			
Work Performed by <u>Exelon Nuclear</u> Name				Type Code Syn	Type Code Symbol Stamp None Authorization No. Not applicable			
3146 Sanatoga Road, Pottstown, PA 19484 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

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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed 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 26, 2013 to APPL 17, 2913, and state that
to 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.
1430/ AN T PAROUT
Commissions 14396 A, N, I PA3045 Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 17, 2013

1. Owner	Exelon Gener	ation Company II	C	Date	.1	uly 31, 2013		
1. Owner	Nan		·×	- Caic		Gly D1, E010		
	200 Exelon W Addr	/ay, Kennett Square	e, PA 19348	Sheet 1	_ of	2		
2. Plant	Limerick Gen	eratino Station		Unit		1		
	Nar				***************************************			
	3146 Sanatog Addr	a Road, Pottstown, ess	PA 19464			No. R1203378 on P.O. No., Job No. (etc.	
3. Work Performed	by Exelon Nucl	ear		Type Code Syn	Type Code Symbol Stamp None			
_,	Nar		Authorization N	o	Not applicat	ole		
	3146 Sanato Addi	ga Road, Pottstowr	n, PA 19464	Expiration Date		Not applicat	ole	
4. Identification of S	System Emergend	cy Diesel Generator	r (System 0	092) <u>Line No. 1B-G</u>	501-DR Co	mbustlon Air		
(b) Applicable	Edition of Section :	Manufacturers St XI Utilized for Repa ase(s) N-686-1	irs / Replacen	N/A Edition, N/. nent Activity 20 <u>01 editio</u>	AAdd	lenda, N/A nda through 2003	_Code Case	
6. Identification of 0	Components							
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
18-G501-DR Exhaust Manifold Assembly	Fairbanks Morse Engine	Part No. C225AFBBC	N/A	* 114-35971 PO# 167610-1132	N/A	Installed	No	
		······································						
* Traceability per E	xelon stock code r	ıumber.		·				
	l: Hydrostatic 🗆		Nominal C	engine exhaust manifo Derating Pressure N/A°F.]		
NOTE: Sunnlen	nental cheete in fo	m of liete ekatobas	or drawings	may be used provided	/1) ciza 9 1	/2 in v 11 in (2) info	ma-	

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.

9. Remarks: none
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed J.H. Kramer (site weld administrator) Date July 31 , 2013 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE 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 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.
Commissions 14396 A. N. I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date AUGUST 1, 2013
41.500.50

1. Owner	Exelon Gener Nan		<u>.c</u>	Date	A,	gust 22, 2013	
	200 Exelon W Addr	/ay, Kennett Squar ess	e, PA 19348	Sheet1	_ of	22	
2. Plant	Limerick Gene Nar		***************************************	Unit		1	
***************************************	3146 Sanatog Addr	a Road, Pottstown, ess	PA 19464			No. C0245770 on P.O. No., Jab No.	etc.
3. Work Performed	by <u>Exelon Nucle</u>		Type Code Syn Authorization N	Type Code Symbol Stamp None Authorization No. Not applicable			
	3146 Sanato Addr	ga Road, Pottstow	Expiration Date	Expiration Date Not applicable			
4. Identification of 5	System <u>Emergen</u>	cy Diesel Generato	r (System (092) Line No. 1B-G	501-DR Sta	ırting Air Valve 0	92-1302B
(b) Applicable		XI Utilized for Repa	irs / Replacer	N/A Edition, N/A ment Activity 20 <u>01 editio</u>			_Code Case
6. Identification of 0	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 E	xelon stock code r	number.	<u> </u>	<u> </u>	ł	<u></u>	
8. Tests conducted	d: Hydrostatic 🗆	Pneumatic © 140 psi Test Te	Nominal (mp. <u>N/A</u>	r engine air start valve in Operating Pressure F°F.	Exempt C		

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.

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 StampNA
Certificate of Authorization No. NA Expiration Date N/
Certificate of Authorization No. NA Expiration Date 19
Signed J.H. Kramer (site weld administrator) Date August 22 , 2013 Owner or Owner's Designee, Title
Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
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, 2017, and state that
to 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
1 2/
Date August 26, 2013

I		************					
1. Owner	Exelon Gener Nan		<u>.c</u>	Date	Au	gust 22, 2013	
	200 Exelon W Addr		e, PA 19348	Sheet1	of	2	***************************************
2. Plant	Limerick Gene Nan			Unit	<u> </u>	1	<u> </u>
	3146 Sanatog Addr	a Road, Pottstown.	PA 19464			No. C0245769 on P.O. No., Job No.	etc.
3. Work Performed		Type Code Symbol Stamp None Authorization No. Not applicable					
	3146 Sanato Addr	ga Road, Pottstow ess	n, PA 19464	Expiration Date		Not applica	ole
4. Identification of S	System <u>Emergenc</u>	y Diesel Generato	r (System (092) Line No. 1B-G5	601-DR Sta	rting Air Valve 0	92-1303 B
(b) Applicable	Construction Code Edition of Section 3 Section XI Code C	KI Utilized for Repa	irs / Replacer	N/A Edition, N/A nent Activity 20 <u>01 edition</u>	AAdd n with adde	enda, <u>N/A</u> nda through 2003	_Code Case
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
Fiex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No
		-					
 Traceability per E 	xelon stock code r	number.					
	d: Hydrostatic 🗆		Nominal (r engine air start valve in Operating Pressure — °F.]	
NOTE: Suppler	mantal chapte in for	m of liete ekatoha	s or drawings	may he used provided	(1) eizo 8 1	/2 in v 11 in (2) info	ıma-

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.

C0145769 W/O No. C024769 Sheet 2 of 2

		Applicable Manufacturer's Data	Reports to be attached		
					
···		19-11-11-11-11-11-11-11-11-11-11-11-11-1			.,,,
		CERTIFICATE OF C	OMPLIANCE		
I certify that the	statements made in the	he report are correct and that this		ments of the ASME Code. Section	n XI
•		NA	·		1 70
• • • • • • • • • • • • • • • • • • • •					
^	uthorization No	NA		Expiration Date	N/
Signed	Owner or Owner's	J.H. Kramer (site weld admini s Designee, Title	strator) Date Augu	ust 22 , 20 <u>13</u>	
				2	
		CERTIFICATE OF INSER	VICE INSPECTION		
				ressure Vessel Inspectors and the	a State
I the undersi	igned holding a valid			eadule reader mapeolora and in	Julio
or Province	of Penneylyania	and employed by	HSBCT	re increased the components doe	of
or Province of in this Owner	of <u>Pennsylvania</u> Ha r's Report during the p	and employed by riford, CT period August 22, 201	HSBCT hav 3 to Avers	re inspected the components des	cribed te that
or Province of in this Owner to the best of	of Pennsylvania Ha r's Report during the p f my knowledge and b	and employed by triford, CT period August 22, 201 pelief, the Owner has performed experienced experien	HSBCT hav 3 to A 660 \$ xaminations and taken of	re inspected the components des	cribed te that
in this Owner to the best of Owner's Repo	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with	and employed by triord, CT period August 22, 201 pelief, the Owner has performed exithe requirements of the ASME Co	HSBCT hav 3 to Augus xaminations and taken coode, Section XI.	re inspected the components des 7 24, 2013 and sta orrective measures described in	cribed te that this
or Province of in this Owner to the best of Owner's Report By signin examinations	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with ng this certificate neith and corrective measu	and employed by	HSBCT hav 3 to Askers aminations and taken clode, Section XI. makes any warranty, export. Furthermore, neither	re inspected the components des 7 24, 2013 and sta orrective measures described in the pressed or implied, concerning the er the Inspector nor his employer	cribed te that this
in this Owner to the best of Owner's Repo By signin examinations shall be liable	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with ng this certificate neith and corrective measu	and employed by	HSBCT hav 3 to Askers aminations and taken clode, Section XI. makes any warranty, export. Furthermore, neither	re inspected the components des 7 24, 2013 and sta orrective measures described in the pressed or implied, concerning the er the Inspector nor his employer	cribed te that this
or Province of in this Owner to the best of Owner's Report By signin examinations	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with ng this certificate neith and corrective measu	and employed by	HSBCT hav 3 to Askers aminations and taken clode, Section XI. makes any warranty, export. Furthermore, neither	re inspected the components des 7 24, 2013 and sta orrective measures described in the pressed or implied, concerning the er the Inspector nor his employer	cribed te that this
in this Owner to the best of Owner's Repo By signin examinations shall be liable	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with ng this certificate neith and corrective measu	and employed by	HSBCT hav 3 to Askes xaminations and taken code, Section XI. makes any warranty, export. Furthermore, neitherage or a loss of any kind	re inspected the components des 24, 2013 and sta orrective measures described in the pressed or implied, concerning the rathe Inspector nor his employer arising from or connected with the	cribed te that this
in this Owner to the best of Owner's Repo By signin examinations shall be liable	of Pennsylvania Ha r's Report during the p f my knowledge and b ort in accordance with ng this certificate neith and corrective measu	and employed by	HSBCT hav 10 Avervs xaminations and taken code, Section XI. makes any warranty, export. Furthermore, neitherage or a loss of any kind 1 HSBCT have any warranty.	re inspected the components des 24, 2013 and sta orrective measures described in the pressed or implied, concerning the rathe Inspector nor his employer arising from or connected with the	cribed te that this e

1. Owner		eration Company, LL	Date	Fel	oruary 26, 2013					
	200 Exelon \	Way, Kennett Square	p. PA 19348	Sheet1	of	2				
2. Plant	Limerick Ge Na	nerating Station		Unit		1				
		ga Road, Pottstown I dress		<u>Work orders #</u> pair Organizati	C0245629 & C022165 on P.O. No., Job No. e	i8 itc.				
3. Work Perform	med byExelon Nuc		Type Code S	Type Code Symbol Stamp N/A Authorization No. N/A						
		ame								
***************************************		<u>oga Road, Pottstown</u> dress	PA 19464			N/A_				
4. Identification	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 pe	er Exelon part code n	umber and manufact	urer's serial n	umber.						
7. Description of	of Work : Replaced	emergency diesel ge	nerator jacke	t water circulation pu	mp,					
8. Tests condu		Pneumatic Pressure 12 psi		rating Pressure	Exempt					
tion in items	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.									

9. Hemarks: <u>Jacket water pump S/N 386340</u> 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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J.H. Kramer, site Weld Administrator Date February 26 , 2013 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesset Inspectors and the State
or Province of <u>Pennsylvania</u> and employed by <u>HSBCT</u> of Hartford, CT have inspected the components described
in this Owner's Report during the period PECEMBER 10, 2012 to MARCH (2, 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
Unspector's Signature National Board, State, Province, and Endorsements
Date MARCH 12, 2013

									
1. Owner	Exelon Gener Nan	ation Company, LL	С	Date	Jan	uary 19, 2013			
·		lay, Kennett Square	e, PA 19348	Sheet1	_ of	2			
2. Plant	Limerick Gen Nar	erating Station ne		Unit		1			
	3146 Sanatoga Road, Pottstown, PA 19464 Address					Work Order No. C0244994 Repair Organization P.O. No., Job No. etc.			
3. Work Performed	Type Code Syn Authorization N	Type Code Symbol Stamp None Authorization No. Not applicable							
	3146 Sanato Addr	ga Road, Pottstowr	n, PA 19464	Expiration Date		Not applicat	ole		
4. Identification of S	System <u>Emergend</u>	cy Diesel Generato	r (System (092) Line No. 1C-G	501-DR Sta	uting Air Valve 0	92-1302C		
(b) Applicable	Edition of Section	Manufacturers St XI Utilized for Repa ase(s) N-686-1	irs / Replacer	N/A Edition, <u>N/A</u> ment Activity 20 <u>01 editio</u>	A Ado	lenda, N/A nda through 2003	_Code Case		
6. Identification of 6	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		
• •	xelon stock code r								
Description of w Tests conducted		Pneumatic □	Nominal (r engine air start valve ir Operating Pressure	Exempt C)	·		
tion in items 1 t				may be used, provided and (3) each sheet is nur					

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 (site weld administrator) Date January 19 , 2013 Gwner or Owner's Designee, Title
CERTIFICATE 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 OFCEMBER 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.
Commissions 14396 A, N, I PA3045
Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 13; 20 2013

1.	Owner	Exelon Gene Nar	ation Company, LL	.с	Date	Jan	uary 19, 2013				
	<u></u>	200 Exelon V Addi	/ay, Kennett Squar	e, PA 19348	Sheet1_	_ of	2				
2.	Plant	Limerick Gen Nar			Unit		1				
		3146 Sanatog Addi	a Road, Pottstown, ess	PA 19464	Repai	Work Order No. C0244993 Repair Organization P.O. No., Job No. etc.					
3.	Work Performed	i by <u>Exelon Nucl</u> Na		Type Code Syn Authorization N	Type Code Symbol Stamp None Authorization No. Not applicable						
	3146 Sanatoga Road, Pottstown, PA 19464 Expiration Date Not applicable Address										
4.	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)			
F	Flex Flow Valve 092-1303C	Fairbanks Morse Engine	R115883	N/A	* 116-08607 PO# 167610-1142	N/A	Installed	No			
F	Flex Flow Valve Spacer	Universal Machine	Power Labs LIM-17256	N/A	* 118-00027 PO# 053951	N/A	Installed	No			
*	Traceability per I	Exelon stock code	number.								
7. 8.	Description of w Tests conducted	d: Hydrostatic C	mmercial grade die I Pneumatic ☐ 30 psi Test Te	Nominal (r engine air start valve ir Operating Pressure	i-kind. Exempt C)				

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.

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 (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 <u>Pennsylvania</u> and employed by <u>HSBCT</u> of <u>Hantford, CT</u> have inspected the components described
in this Owner's Report during the period DECEMBER 6, 2012 to MRCH 13, 2212 and state that to 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 14396A, N, I PA3045
Commissions (1316M) N. Y PASO73 Inspector's Signature National Board, State, Province, and Endorsements
Date MARCH 13, 2013

1. Owner	Exelon Gener Nan	ation Company, LL	C	Date	Nov	ember 8, 2012	
	200 Exelon W	/ay, Kennett Square	e, PA 19348	Sheet1_	of	2	
	Addr	ess			-		
2. Plant	Limerick Gene Nar			Unit		1	
	3146 Sanaton	a Road, Pottstown,	PA 19464	Work	Order No.	C0243523 <u>& C0245</u> 4	40
<u> </u>	Addr					on P.O. No., Job No.	
3. Work Performed	i by <u>Exelon Nucl</u> Nar			Type Code Sym	nbol Stamp	None Not applicat	ala.
		ga Road, Pottstown	DA 10/6/			Not applicat	
	Addr		1, PA 19404	Expiration bate	***************************************	NOT applicat	Jie
4. Identification of	System <u>Emergen</u>	y Diesel Generator	r (System 0	192) Line No. 1D-G	501-DR Cor	mbustion Air	
(b) Applicable	Edition of Section : Section XI Code C		irs / Replacen	Edition, <u>N/A</u> nent Activity 20 <u>01 editio</u>			_Code Case
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 E	L Exelon stock code r	rumber.	<u> </u>	<u> </u>			.1
7. Description of w 8. Tests conducted	d: Hydrostatic 🗆	Pneumatic	Nominal C	engine turbocharger in- Operating Pressure F Femp. <u>540</u> °F.		J	
NOTE: Supple	mental sheets in for	rm of lists, sketches	. or drawings	may be used, provided	(1) size 8 1/	/2 in x 11 in (2) info	ma-

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.

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 StampNA
	Certificate of Authorization No. NA Expiration Date NA
	Signed 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 <u>Pennsylvania</u> and employed by <u>HSBCT</u> of
	Hartford, CT have inspected the components described in this Owner's Report during the period 1/2/8/17 to 1/2/13 , 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.
	MITI DO II
	Inspector's Signature Commissions N3 13577 A, N, T PA 30W National Board, State, Province, and Endorsements
	74 1111000 13
1	Date 2017/00/17/29 201)

							
1. Owner	Exelon Gene Nar		С	Date	Nov	ember 8, 2012	
<u></u>	200 Exelon V Addi	/av. Kennett Square	e, PA 19348	Sheet1_	_ of	2	
2. Plant	Limerick Gen Nar			Unit		1	····
	3146 Sanatog	a Road, Pottstown,	PA 19464			C0243453 & C02454	
	Addı	ess		Repai	r Organizatio	on P.O. No., Job No.	etc.
3. Work Performed	l by <u>Exelon Nucl</u> Na			Type Code Syn	nbol Stamp	None Not applica	hle
			- DA 40404				
	3146 Sanato Addi	<u>ga Road, Pottstowr</u> ess	1, PA 19464	Expiration Date		Not applica	DIE
4. Identification of	System Emergen	cy Diesel Generator	r (System (092) <u>Line No. 1D-G</u>	501-DR Co	mbustion Air	
(b) Applicable	Edition of Section		irs / Replacer	Edition,N/A ment Activity 20 <u>01 editio</u>			_Code Case
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 E	L Exelon stock code i	number.	<u></u>	1			
7. Description of w	ork: <u>Replaced co</u> d: Hydrostatic □	mmercial grade die	Nominal (r engine turbocharger in Operating Pressure]	
				Temp. <u>540</u> °F.			
NOTE: Suppler	mental sheets in fo	rm of lists, sketches	s, or drawings	may be used, provided	(1) size 8 1/	/2 in. x 11 in., (2) info	oma-

tion 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: 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 StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed J.H. Kramer (site weld administrator) Date November 8 , 2012 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
t, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesset 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 10/3/12 to 1/24/13 and state that
in this Owner's Report during the period 10/8/17 to 1/74/13, 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.
MI H) P //
Commissions NB 13977 A, N, T PA 3070 Inspector's Signature National Board, State, Province, and Endorsements
Date 24 JANVARY 2013
Date 27 JRIVVITO 2015

1. Owner		ration Company, LL	C	Date	Nove	ember 14, 2012		
	Nan	ne						
 	200 Exelon V Addr	/ay, Kennett Squar ess	e, PA 19348	Sheet1_	_ of	2		
2. Plant	Limerick Gen	erating Station		Unit		_1		
	Nar	ne						
	3146 Sanatog Add	a Road, Pottstown, ess	PA 19464			0244419 & C0245512 on P.O. No., Job No.		
3. Work Performed	by <u>Exelon Nucl</u> Nar				Type Code Symbol Stamp None Authorization No. Not applicable			
					-			
	3146 Sanato Addi	ga Road, Pottstown ress	n, PA 19464	Expiration Date		Not applicat	ole	
4. Identification of S	System Emergen	cy Diesel Generato	r (System (092) Line No. 1D-G	1501-DR Sta	arting Air Valve 0	92-1302D	
(b) Applicable	Edition of Section :		irs / Replacer	N/A Edition, N/ nent Activity 20 <u>01 editi</u> e			_Code Case	
6. Identification of 0	Components							
Name of Component	Name of Manufacturer	Manufacturer Serìal 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 E	xelon stock code r	number.	<u></u>	<u> </u>	<u> </u>	<u> </u>		
				engine air start valve in				
		0 psi Test Ter						
NOTE: Suppler	nental sheets in for	m of lists, sketches	s, or drawings	may be used, provided	l (1) size 8 1	/2 in. x 11 in., (2) info	ma-	

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.

9. Remarks: Commercial grade dedication completed in accordance with Exelon A/R	1670054 evaluation 16.
Applicable Manufacturer's Data Reports to b	e attached
Pressure testing completed under Issue Report 1439325 and work order C0245512.	
CERTIFICATE OF COMPLIANCE	i
I certify that the statements made in the report are correct and that this conforms to	he requirements of the ASME Code. Section XI
Type Code Symbol StampNA	
Certificate of Authorization No. NA	Expiration Date NA
Signed J.H. Kramer (site weld administrator) Downer or Owner's Designee, Title	ate November 14 . 2012
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPE	стом
I, the undersigned, holding a valid commission issued by the National Board of B	piler and Pressure Vessel Inspectors and the State
or Province of <u>Pennsylvania</u> and employed by <u>HSBC</u> Hartford, CT	of 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 a Owner's Report in accordance with the requirements of the ASME Code, Section	
By signing this certificate neither the Inspector nor his employer makes any w	arranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthern shall be liable in any manner for any personal injury or property damage or a loss	nore, neither the Inspector nor his employer
inspection.	or any kind ansing from or connected with this
MATOPI	
Commissions MB 139	Board, State, Province, and Endorsements
Inspector's Signature National	Board, State, Province, and Endorsements
Date 25 JANUARY 2013	

			·				
1. Owner	Exelon Gener	ration Company 11	С	Date	Nove	ember 12, 2012	
	Nan					, , , , , , , , , , , , , , , , , , ,	***************************************
		/ay, Kennett Square	e. PA 19348	Sheet1_	_ of	2	
	Addr	ess					
2. Plant	Limerick Gen	erating Station		Unit		1	
*************************************	3146 Sanatog Addr	<u>a Road, Pottstown,</u> ress	PA 19464			No. C0244399 on P.O. No., Job No. 6	etc.
C. Milada Danfamara				•	_	•	
Work Performed	Nar			Type Code Syr Authorization N		None Not applicab	ole
	3146 Sanato	ga Road, Pottstowr	ı. PA 19464	Expiration Date	1	Not applicab	ile
	Addı		<u> </u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
4. Identification of S	System <u>Emergen</u>	cy Diesel Generator	r (System (92) Line No. 1D-G	501-DR Sta	urting Air Valve 09	92-1303D
5. (a) Applicable	Construction Code	Manufacturers St	andard 19_	Edition,N/A ment Activity 20 <u>01 editio</u>	Adde	nda, N/A	_Code Case
		ase(s) <u>N-686-1</u>		nent Activity 20 <u>01 editic</u>	n with adde	nda through 2003	
6. Identification of 0	Components						
				T	r		
Name of	Name of	Manufacturer	National	Other Identification	Year	Corrected, Removed, or	ASME Code
Component	Manufacturer	Serial No.	Board	Other Identification	Built	Installed	Stamped
			No.				(Yes or No)
Flex Flow Valve	Fairbanks			* 116-08607			
092-1303D	Morse Engine	R108218	N/A	PO# 167610-880	N/A	Installed	No
Flex Flow Valve	Universal	Power Labs		* 118-00027			
Spacer	Machine	LIM-17256	N/A	PO# 053951	N/A	Installed	No
* Traceability per E	xelon stock code r	number.	L	<u></u>	<u> </u>		L
			ool nort	. amailma alla cama conte e te	استانا		
Tests conducted	: Hydrostatic 🗆	Pneumatic O	Nominal C	engine air start valve ir Operating Pressure			
	Other 1 24	10 psi Test Ter	np. <u>N/A</u>	°F.			
NOTE: Supplen	nental sheets in for	m of lists, sketches	, or drawings	may be used, provided	(1) size 8 1	/2 in. x 11 in., (2) infor	ma-
	nrough 6 on this re top of this form.	port is included on (aun sneet, a	nd (3) each sheet is nui	muerea ana	ule number of sheets	15

Remarks: Commercial grade dedication completed in accordance with Exelon A/R A1670054 evaluation 16. Applicable Manufacturer's Data Reports to be attached
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 StampNA
Certificate of Authorization No. NA Expiration Date N
Signed J. H. Kramer (site weld administrator) Date November 12 , 2012 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE 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 <u>Pennsylvania</u> and employed by <u>HSBCT</u> of <u>Hartford, CT</u> 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.
MITT P All 11812977 ANT 083070
Commissions NB 13977 A, N, 7 PA 3020 Inspector's Signature National Board, State, Province, and Endorsements
Date 24 JANUARY 2013

								
1. Owner	Exelon Gene Nan	eration Company, LLG	3	Date	April	24, 2014		
r 30 - 12 - 17 - 17 - 17 - 17 - 17 - 17 - 17	200 Exelon V Addr	Vay, Kennett Square, ess	PA 19348	Sheet1_	of	3		
2. Plant	Limerick Ger Nar			Unit		1		
	3146 Sanato	ga Road, Pottstown,	PA 19464	A1877682	nis Organizatio	on B.O. No. Tob No.	nto.	
Address 3. Work Performed by <u>Exelon Nuclear</u>				Type Code Sy	Repair Organization P.O. No., Job No. etc. Type Code Symbol Stamp			
	Nar	ne		Authorization	No	N/A		
	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464	Expiration Da	te	N/A		
4. Identification of Sy	/stem <u>Snubbe</u>	rs (System	103)	Line No.				
(b) Applicable E	dition of Section :	ASME III 19 XI Utilized for Repairs ase(s) N-508	77_Edition, s or Replacen	Winter 19 nents 20 <u>01 edition w</u>	77 Addend ith addenda th	da, N/A nrough 2003	_Code Case	
6. Identification of Co	omponents							
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	Na	
		* Traceabi	lity per Exelor	n stock code number			<u> </u>	
7. Description of Wo	rk: Replaced hyd	draulic shock arrester	snubbers wit	th a new snubbers.				
8. Tests conducted:	Hydrostatic Other	Pneumatic No Pressure N/A			empt 🗷			
NOTE: Supplem- tion in items 1 the recorded at the to	ough 6 on this re	m of lists, sketches, open of lists, sketches, open of lists included on ea	or drawings n uch sheet, and	nay be used, provide d (3) each sheet is no	d (1) size 8 1/3 umbered and t	2 in. x 11 in., (2) info the number of sheets	ma- is	

1.	Owner	Exelon Generation Company, LLC Name	Date April 24	, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet 2 of 3	
2.	Plant	Limerick Generating Station Name	Unit1	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	A1877682 Repair Organization P	P.O. No., Job No. etc.
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No	N/A N/A
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	dentil	fication of System Snubbers (System 103)	Line No.	
5.	(d) /	Applicable Construction Code <u>ASME III</u> 19.77 Edition, Applicable Edition of Section XI Utilized for Repairs or Replacement Applicable Section XI Code Case(s) <u>N-508</u>	Winter 1977 Addenda, s 20 <u>01 edition with addenda throu</u>	N/A Code Case

6. Identification of Components

Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
Lisega	9761368/90 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	. No
Lisega	9761368/137 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
Lisega	9761368/73 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
Lisega	9761368/129 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
Lisega	9761385/18 Lisega3018-2	N/A	* 114-59383 PO# 061010	N/A	Installed	No
Lisega	9761368/136 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No
Lisega	31200813/010 Lisega3018	N/A	* 114-59113 PO# 275207	N/A	Installed	No
	Lisega Lisega Lisega Lisega	Lisega 9761368/137 Lisega 9761368/137 Lisega 9761368/73 Lisega3018 Lisega 9761368/129 Lisega3018 Lisega 9761385/18 Lisega3018-2 Lisega 9761368/136 Lisega3018 Lisega 9761368/136 Lisega3018	Lisega 9761368/90 N/A Lisega3018 Lisega 9761368/137 N/A Lisega3018 Lisega 9761368/73 N/A Lisega3018 Lisega 9761368/129 N/A Lisega3018 Lisega 9761385/18 N/A Lisega3018-2 Lisega 9761368/136 N/A Lisega3018 Lisega 3018 Lisega 3018 Lisega 3018 Lisega 3018	Lisega 9761368/90 N/A 114-59113 PO# 061010 Lisega 9761368/137 N/A 114-59113 PO# 061010 Lisega 9761368/137 N/A 114-59113 PO# 061010 Lisega 9761368/73 N/A 114-59113 PO# 061010 Lisega 9761368/129 N/A 114-59113 PO# 061010 Lisega 9761385/18 N/A 114-59383 PO# 061010 Lisega 9761368/136 N/A 114-59113 PO# 061010 Lisega 31200813/010 N/A 114-59113 PO# 061010	Lisega 9761368/90 N/A 114-59113 N/A Lisega 9761368/137 N/A 114-59113 N/A Lisega 9761368/73 N/A 114-59113 N/A Lisega 9761368/73 N/A 114-59113 N/A Lisega 9761368/129 N/A 114-59113 N/A Lisega 9761368/129 N/A 114-59113 N/A Lisega 9761368/18 N/A 114-59383 N/A Lisega 9761368/18 N/A 114-59383 N/A Lisega 9761368/18 N/A 114-59383 N/A Lisega 9761368/18 N/A 114-59113 N/A Lisega 9761368/18 N/A 114-59113 N/A Lisega 9761368/136 N/A 114-59113 N/A Lisega 3018 N/A 114-59113 N/A Lisega 31200813/010 N/A 114-59113 N/A	Lisega 9761368/90 N/A 114-59113 N/A Installed Lisega 9761368/137 N/A 114-59113 N/A Installed Lisega 9761368/73 N/A 114-59113 N/A Installed Lisega 9761368/73 N/A 114-59113 N/A Installed Lisega 9761368/129 N/A 114-59113 N/A Installed Lisega 9761385/18 N/A 114-59383 N/A Installed Lisega 9761368/136 N/A 114-59113 N/A Installed Lisega 31200813/010 N/A 114-59113 N/A Installed

^{*} Traceability per Exelon stock code number

9. Remarks : none	·	
Applicable Manufacturer's Data Repo	rts to be attached	
CERTIFICATE OF COMPL		
I certify that the statements made in the report are correct and that this confor	•	ECode, Section XI.
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA	Expiration Date	NA
Signed Owner or Owner Designee, Title	Date April, 24	_, <u>2014</u>
Owner of Owners, Designee, Title		
	-	
CERTIFICATE OF INSERVICE I	NSPECTION	
I, the undersigned, holding a valid commission issued by the National Boar	rd of Boiler and Pressure Vessel Inc	nectors and the State
or Province of Pennsylvania and employed by		
Hartford, Connecticut	have inspected the c	components described
in this Owner's Report during the period AUGUST 12, 2013	to INE 19, 2014	, and state that
to the best of my knowledge and belief, the Owner has performed examina Owner's Report in accordance with the requirements of the ASME Code, S		s described in this
By signing this certificate neither the Inspector nor his employer makes		d. concerning the
examinations and corrective measures described in this Owner's Report. Fi		
shall be liable in any manner for any personal injury or property damage or	a loss of any kind arising from or co	nnected with this
inspection.		
Commissions 143	396 A, N, I PA 3045	
Inspector's Signature Na	ational Board, State, Province, and E	ndorsements
1 11 11		
Date JUNE 14, 2019		

1. Owner	Exelon Gene Nan	eration Company, LL	С	Date	Apri	124, 2014	
	200 Exelon V Addr	Vay, Kennett Square ess	. PA 19348	Sheet1_	of	3	
2. Plant	Limerick Ger	erating Station		Unit		1	
	Nan	ne					
	3146 Sanato	ga Road, Pottstown,	PA 19464	A1877675/A1	877681 /A18	77682/A1882355	
	Addr					on P.O. No., Job No. e	tc.
3. Work Performed	by Exelon Nucle	ear		Type Code Sy	mbol Stamp	N/A	
	Nar			Authorization	No	N/A	
	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464	Expiration Date	te	N/A	
4. Identification of S	ystem Snubbe	rs (System	103)	Line No.			
(b) Applicable I				, Winter 19 ments 20 <u>01 edition w</u>	77Adden ith addenda t		Code Case
6. Identification of C	Components						
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Corrected, Removed or Installed	ASME Code Stamped
STG-1HC-E63- H011	Basic-PSA	44116 PSA-1/4	N/A	* 114-7 2846 PO#062580	N/A	Installed	No
Mechanical Snubber					ł		
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 E 	xelon stock code r	number			·		
7. Description of W	ork: Replaced me	chanical shock arres	ster snubbers	with a new snubbers			
8. Tests conducted	: Hydrostatic !! Other	Pneumatic : N Pressure N/A		iting Pressure : Ex emp. <u>N/A</u> *F.	empt 💻		
NOTE: Supplem tion in items 1 the recorded at the	rough 6 on this re	m of lists, sketches, port is included on e	or drawings r ach sheet, an	nay be used, provide d (3) each sheet is no	d (1) size 8 1/ Imbered and	2 in. x 11 in., (2) inforr the number of sheets i	na- s

Sheet 2 of 3

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 Name	Company, LLC	Date	Apri	1 24, 2014	
		····	200 Exelon Way, K Address	Gennett Square, PA 19348	Sheet2	of	3	·
2.	Plant _		Limerick Generatin Name	ng Station	Unit		1	
			3146 Sanatoga Ro Address	ad, Pottstown, PA 19464			77682/A1882355 on P.O. No., Jab N	o. etc.
3.	Work Pe	erformed by	Exelon Nuclear Name			Symbol Stamp n No		
	_		3146 Sanatoga Ro Address	ad, Pottstown, PA 19464	Expiration D	ate	N/A	
4.	dentifica	ation of Syste	m Snubbers	(System 103)	Line No.			
5.	(d) App	pticable Edition		<u>1E III</u> 19 <u>77</u> Edition ized for Repairs or Replace:) <u>N-508</u>				Code Case
6	Identifica	ation of Com	onents					

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		45249		* 114-72849		Installed	
Mechanical Snubber	Basic-PSA	PSA-35	N/A	PO# 062644	N/A	iii stailed	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
4818							

^{*} Traceability per Exelon stock code number

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 Signed Date April, 24 2014 Owner or Owner's Designee, Title
Owner of Owner's Designee, Inte
CERTIFICATE 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 MACH 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.
Commissions 14396 A. N. I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Table of Signature State of the
Date - JUNE 14, 2014

1. Owner	Exelon Gene	eration Company, LL	c	Date	April	24, 2014	
	Nan	ne					
	200 Exelon V Addr	Vay, Kennett Square ess	, PA 19348	Sheet1_	of	3	
2. Plant	_Limerick Ger	erating Station	_	Unit		1	
	Nar						
	3146 Sanato Addr	ga <u>Road, Pottstown,</u> ess	PA 19464			2 on P.O. No., Job No. e	tc.
3. Work Performed	by Exelon Nucle	ear		Type Code Sy	mbol Stamp	N/A	
	Nar			Authorization	No	N/A	
	3146 Sanato Addi	ga Road, Pottstown, ess	PA 19464	Expiration Da	te	N/A	
4. Identification of S	ystem Snubbe	rs (System	103)	Line No.			
(b) Applicable (Edition of Section I Section XI Cade C	XI Utilized for Repair	T7 Edition s or Replacer	Winter 19 ments 20 <u>01 edition w</u>	77Addendath	la, N/A rrough 2003	Code Case
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	Na
DLA-107-H014 Mechanical Snubber	Basic-PSA	∜5247 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	15495 PSA-3	N/A	* 114-72867 PO# 054850	N/A	Installed	No
 Traceability per E 	xelon stock code r	umber			**************************************	· · · · · · · · · · · · · · · · · · ·	
7. Description of W	ork: Replaced me	chanical shock arres	ster snubbers	with a new snubbers			
8. Tests conducted	: Hydrostatic !! Other	Pressure N/A		ting Pressure Exemp. N/A °F.	empt 💆		
NOTE; Supplem tion in items 1 th recorded at the I	rough 6 on this re	m of lists, sketches, port is included on e	or drawings n ach sheet, an	nay be used, provide d (3) each sheet is no	d (1) size 8 1/2 Imbered and I	2 in. x 11 in., (2) inform the number of sheets i	na- s

1. Owner	Exelon Generation Company, LLC Name	Date Apri	124, 2014
	200 Exelon Way, Kennett Square, PA 19: Address	348 Sheet 2 of	3
2. Plant	Limerick Generating Station Name	Unit	
	3146 Sanatoga Road, Pottstown, PA 1946 Address	· · · · · · · · · · · · · · · · · · ·	n P.O. No., Job No. etc.
3. Work Perf	formed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No.	
	3146 Sanatoga Road, Pottstown, PA 1946 Address	4 Expiration Date	N/A
4. Identificati	ion of System Snubbers (System 103)	Line No.	
(d) Appli	icable Construction Code <u>ASME III</u> 19 <u>77</u> Edicable Edition of Section XI Utilized for Repairs or Repticable Section XI Code Case(s) <u>N-508</u>		
& Identificati	ion of Components		

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	NA	Installed	No
GBB-102-H020 Mechanical Snubber	Basic-PSA	45643 PSA-10	N/A	* 114-72887 PO# 062583	N/A	Instailed	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

9. Remarks : none					
	Applicab	le Manufacturer's Data Re	ports to be att	ached	
		······································	······································		
		-			- , , , , , , , , , , , , , , , , , , ,
		CERTIFICATE OF COM			
		e correct and that this con	forms to the re	equirements of the AS	SME Code, Section XI.
Type Code Symbol Stan	пр <u>нчя</u>				
Certificate of Authorizati	on No.	NA		Expiration Date	NA
1/2/	0 /1	/ 3			
Signed / Car	- July		Date _	April, 24	, <u>2014</u>
	Owner or Owner's Desig	nee, Title			
	CEF	RTIFICATE OF INSERVIC	E INSPECTIO)N	
	 -			•••	
I, the undersigned, he	olding a valid commissio	n issued by the National B	oard of Boiler	and Pressure Vessel	Inspectors and the State
or Province of	Pennsylvania	and employed by	н		
is this Oumada Dana	Hartford, Conn	July 3), Zoi3	A		he components described
		wner has performed exam			and state that
		ements of the ASME Code		ancii boilective illead	ares described in this
By signing this co	ertificate neither the Insp	ector nor his employer ma	kes any warra	nty, expressed or imp	olled, concerning the
examinations and cor	rective measures descrit	ped in this Owner's Report.	Furthermore,	neither the Inspector	nor his employer
	manner for any personal	injury or property damage	or a loss of ar	ny kind arising from o	r connected with this
inspection.					
		Commissions	ATOR A NI	PA 3045	
Inspec	ctor's Signature	Commissions	National Boar	d, State, Province, ar	nd Endorsements
	1 4			-,, · · · · · · · · · · · · · · ·	
Date JUNE	2014				

1. Owner	Exelon Gene Nan	eration Company, LL0	c	Date	April	24, 2014	
***		Vay, Kennett Square,	PA 19348	Sheet 1	of	3	**************************************
2. Plant	Limerick Ger Nar	nerating Station		Unit		1	····
	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464			n P.O. No., Job No.	etc.
3. Work Performed b	y <u>Exelon Nucl</u>	ear		Type Code Sy	mbol Stamp	N/A	
	Nar	ne		Authorization	No	N/A	
	3146 Sanato Addi	ga Road, Pottstown, ess	PA 19464	Expiration Dal	te	N/A	
4. Identification of Sy	/stem <u>Snubbe</u>	rs (System	103)	Line No.			
(b) Applicable E	dition of Section			Winter 19 ments 20 <u>01 edition w</u>			_Code Case
6. Identification of Co	omponents						
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	Na
HBB-140-E1-H011 Hydraulic Snubber	Lisega	31200813/032 Llsega3018	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 Ex 	elon stock code r	number					
7. Description of Wo	ork: Replaced hyd	draulic shock arrester	<u>r snubbers wi</u>	th a new snubbers.			
8. Tests conducted:	Hydrostatic Other	Pneumatic No Pressure N/A		ting Pressure Ex emp. <u>N/A</u> °F.	empt 🖷		
NOTE: Supplemention in items 1 the recorded at the to	rough 6 on this re	m of lists, sketches, oport is included on ea	or drawings n ach sheet, an	nay be used, provide d (3) each sheet is no	d (1) size 8 1/2 umbered and t	2 in. x 11 in., (2) infor he number of sheets	ma- is

1.	Owner	Exelon Generation Company, LLC Name	Date April	24, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet of	3
2.	Plant _	Limerick Generating Station Name	Unit	1
	-	3146 Sanatoga Road, Pottstown, PA 19464 Address	A1877682/ A1877676 Repair Organization	P.O. No., Job No. etc.
3.	Work Pt	erformed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No	
	_	3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	Identific	ation of System Snubbers (System 103)	Line No.	
5	(d) Ap	oplicable Construction Code <u>ASME III</u> 19 <u>77</u> Edition, oplicable Edition of Section XI Utilized for Repairs or Replacement oplicable Section XI Code Case(s) <u>N-508</u>		

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 I Snubber	Lisega	9761368/86 Lisega3018	N/A	* 114-59113 PO# 061010	N/A	Installed	No

^{*} Traceability per Exelon stock code number

9. Remarks : none			
	facturer's Data Rep	orts to be attached	

+118Ammarana			
	TFICATE OF COM		
certify that the statements made in the report are corre	and that this cont	oms to the requirements of the ASM	E Code, Section XI.
Type Code Symbol Stamp NA NA			
Certificate of Authorization No.	NA	Expiration Date	NA NA
11da2 laca	9		
Signed / Colony		Date April, 24	, 2014
Owner or Owner's Designee, Ti	.le		
CERTIFICA	TE OF INSERVICE	EINSPECTION	
I, the undersigned, holding a valid commission issue	by the National Bo	ard of Boiler and Pressure Vessel In	spectors and the State
or Province of Pennsylvania and			
Hartford, Connecticut			components described
in this Owner's Report during the periodAUGU		to June 25, 2014	and state that
to the best of my knowledge and belief, the Owner ha			
Owner's Report in accordance with the requirements			es described in this
By signing this certificate neither the Inspector no			of apparation tha
examinations and corrective measures described in the			
shall be liable in any manner for any personal injury of			
	property damage	or a loss of any kind arising from or c	onnected with this
inspection.			
		4396 A, N, I PA 3045	
Inspector's Signature	ľ	National Board, State, Province, and	Endorsements
Date JUNE 25, 2014			
Date JUNE 25, 20 14			
·			

1. Owner	Exelon Generation Company, LLC Name			Date	April	24, 2014	
	200 Exelon Way, Kennett Square, PA 19348 Address			Sheet1_	of	2	
2. Plant	Limerick Generating Station Name			Unit		1	
3146 Sanatoga Road, Pottstown, PA 19464 Address			A/R A1877678/ A1877680 Repair Organization P.O. No., Job No. etc.				
Work Performed by <u>Exelon Nuclear</u> Name			Type Code Sy Authorization	Type Code Symbol Stamp N/A Authorization No. N/A			
3146 Sanatoga Road, Pottstown, PA 19464 Address			Expiration Dat				
4. Identification of Sys	item Snubbe	rs (System	103)	Line No.			
 (a) Applicable Construction Code <u>ASME III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N/A</u> 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) <u>N-508</u> 							
6. Identification of Con	mponents						
Name of Component	Name of Manufactur er	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
G8C-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 Exe	lon stock code r	number		<u> </u>			
7. Description of World	k: Replaced me	echanical shock arres	ster snubbers	with a new snubber.			
8. Tests conducted:	Hydrostatic Other	Pneumatic No Pressure <u>N/A</u>			xempt		
NOTE: Supplemention in items 1 through	ugh 6 on this re	port is included on ea	or drawings r ach sheet, an	nay be used, provide d (3) each sheet is nu	d (1) size 8 1/3 umbered and (2 in. x 11 in., (2) info the number of sheets	orma- s is

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 NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Signed Certificate of Owner or Owner's Designee, Title CERTIFICATE 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 Ode, Section XI. NA Expiration Date NA Date April. 24 Owner or Owner's Designee, Title
Certificate of Authorization No. NA Signed Certificate of Owner or Owner's Designee, Title CERTIFICATE 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 Ode, Section XI. NA Expiration Date NA Date April. 24 Owner or Owner's Designee, Title
Certificate of Authorization No. NA Signed Certificate of Owner or Owner's Designee, Title CERTIFICATE 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 Ode, Section XI. NA Expiration Date NA Date April. 24 Owner or Owner's Designee, Title
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE 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
Certificate of Authorization No. NA Expiration Date NA Signed 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
Signed 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
Signed 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
Owner or Owner's Designee, Title CERTIFICATE 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
Owner or Owner's Designee, Title CERTIFICATE 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
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
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
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
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
or Province of Pennsylvania and employed by HSB Global Standards of
or Province of <u>Pennsylvania</u> and employed by <u>HSB Global Standards</u> of
Lordard Connecticut bour inspected the commencets described
marriard, Connecticut have inspected the components described
in this Owner's Report during the period Jule 14, 2014 to lule 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.
Commissions 14396 A.N.1 PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
nata June 25. 2014
Date June 25, 2014

<u> </u>								
1. Owner	Exelon Generation Company, LLC Name			Date	DateApril 24, 2014			
		Vay, Kennett Square	. PA 19348	Sheet1_	of	3	W	
2. Plant	Limerick Ger Nar	nerating Station		Unit		1		
3146 Sanatoga Road, Pottstown, PA 19464 Address			A1877682/A1877676 /A1849632 Repair Organization P.O. No., Job No. etc.					
Work Performed by <u>Exelon Nuclear</u> Name			Type Code Sy	Type Code Symbol Stamp N/A Authorization No. N/A				
3146 Sanatoga Road, Pottstown, PA 19464 Address								
4. Identification of S	ystem Snubbe	rs (System	103)	Line No.				
(b) Applicable E	dition of Section Section XI Code C	ASME III 19 XI Utilized for Repair ase(s) N-508	77_Editions or Replace	, Winter 19 ments 20 <u>01 edition w</u>	077Addendath	da, N/A nrough 2003	_Code Case	
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 Ex 	elon stock code r	number			<u> </u>			
7. Description of Wo	ork: Replaced hyd	draulic shock arreste	r snubbers w	ith a new snubbers.	·	-		
8. Tests conducted:	Hydrostatic Other	Pneumatic No Pressure N/A			empt 🚨			
	rough 6 on this re			may be used, provide d (3) each sheet is no				

1.	Owne	r Exelon Generation Company, LLC Name	DateApril 24	, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet2 of3	3
2.	Plant	Limerick Generating Station Name	Unit	1
		3146 Sanatoga Road, Pottstown, PA 19464 Address	A1877682/A1877676/A1849 Repair Organization F	
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	Identi	fication of System Snubbers (System 103)	Line No.	
5.	(d)	Applicable Construction Code <u>ASME III</u> 19 <u>77</u> Edition, Applicable Edition of Section XI Utilized for Repairs or Replacement Applicable Section XI Code Case(s) <u>N-508</u>	Winter 1977 Addenda, ts 2001 edition with addenda throu	N/A Code Case

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 Lisega 30 18	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

. Hemarks <u>: none</u>	Applicable Manufacturer's Data P	eports to be attached	
w b			
**************************************	······		······································
	CERTIFICATE OF CO	MDI IANCE	
I certify that the statements made in the	eport are correct and that this co		ME Code, Section XI.
	VA		· · · · · · · · · · · · · · · · · · ·
Certificate of Authorization No.	NA NA	Expiration Date	NA NA
Signed Owner or Owner	's Designee, Title	Date April, 24	<u>2014</u>
Omici di Ginor	5 5 5 5 5 7 1 1 1 5 5 5 5 5 5 5 5 5 5 5		····
•	CERTIFICATE OF INSERVI	CE INSPECTION	
I, the undersigned, holding a valid cor or Province of Pennsylvania	nmission issued by the National I	Board of Boiler and Pressure Vessel HSB Global Standards	Inspectors and the State of
Hartfor	d, Connecticut	have inspected th	ne components described
in this Owner's Report during the period to the best of my knowledge and belie	od <u>Av4USF 12, 2013</u> of, the Owner has performed example.	to Juve 26, 2019 minations and taken corrective measi	, and state that ures described in this
Owner's Report in accordance with th	e requirements of the ASME Coo		
examinations and corrective measures	described in this Owner's Repo	t. Furthermore, neither the Inspector	nor his employer
shall be liable in any manner for any pi inspection.	ersonal injury or property damag	e or a loss of any kind arising from or	connected with this
mapacitor.			
	Commissions	14396 A. N. i PA 3045	
Inspector's Signature		National Board, State, Province, an	d Endorsements
Date JUNE 26, 20	14		
·			

1. Owner	Exelon Gene Nan	eration Company, LL	С	Date	April	24, 2014	
	200 Exelon V Addr	Vay, Kennett Square	. PA 19348	Sheet1	of	3	
2. Plant	Limerick Ger Nar	nerating Station		Unit		1	
~ <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464			on P.O. No., Job No.	etc.
3. Work Performed b	y <u>Exelon Nucle</u> Nar			Type Code S Authorization	ymbol Stamp No.	N/A N/A	
	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464	Expiration Da	te	N/A	
4. Identification of Sy	ystemSnubbe	rs (System	103)	Line No.			
5. (a) Applicable C (b) Applicable E (c) Applicable S	dition of Section	ASME III 19 XI Utilized for Repair ase(s) N-508	77 Edition s or Replace	, Winter 19 ments 20 <u>01 edition w</u>	977 Addend aith addenda th	da, N/A nrough 2003	_Code Case
6. Identification of C	omponents						
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 Ex	elon stock code r	number					
7. Description of Wo	ork: <u>Replaced hyd</u>	draulic shock arreste	r snubbers w	th a new snubbers.			
8. Tests conducted;	Hydrostatic Other		ominal Opera _psi		empt		
NOTE: Supplemention in items 1 the recorded at the to	rough 6 on this re	m of lists, sketches, port is included on ea	or drawings r ach sheet, an	nay be used, provide d (3) each sheet is n	d (1) size 8 1/2 umbered and t	2 in. x 11 in., (2) info the number of sheets	ma- is
This Fo	rm (E00030) may	be obtained from th	e ASME Orde	er Dept., 22 Law Driv	e, Box 2300, F	airfield, N.J. 07007-2	2300

Action Request

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

1.	Owner	Exelon Generation Company, LLC Name	Date Apri	24, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet 2 of	3
2.	Plant	Limerick Generating Station Name	Unit	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	A1877676 Repair Organizatio	n P.O. No., Job No. etc.
3.	. Work Performed by	Exelon Nuclear Name	Type Code Symbol Stamp Authorization No.	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	. Identification of Syst	em Snubbers (System 103)	Line No.	
5.	(d) Applicable Edit	struction Code <u>ASME III</u> 19.77 Edition, ion of Section XI Utilized for Repairs or Replacem tion XI Code Case(s) <u>N-508</u>		
6.	. Identification of Con	ponents		

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	Lìsega	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

Remarks : none Applicable Manufacturer's Data Repo	orts to be attached	
		u potation and the second seco
I certify that the statements made in the report are correct and that this confor Type Code Symbol Stamp NA		ME Code, Section XI.
Certificate of Aythorization NoNA	Expiration Date	NA
Signed , edw Noteys	Date <u>April, 24</u>	, 2014
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE	INSPECTION	
I, the undersigned, holding a valid commission issued by the National Boar	rd of Boiler and Pressure Vessel I	inspectors and the State
or Province of <u>Pennsylvania</u> and employed by Hartford, Connecticut	have inspected th	e components described
in this Owner's Report during the period	ations and taken corrective measi	, and state that ures described in this
By signing this certificate neither the Inspector nor his employer make examinations and corrective measures described in this Owner's Report.	s any warranty, expressed or imp	lied, concerning the
shall be liable in any manner for any personal injury or property damage or inspection.	a loss of any kind arising from or	connected with this
	396 A, N, I PA 3045 ational Board, State, Province, and	d Endorsements
Date JUNE 26, 2014		
,		

1. Owner	Exelon Gene	eration Company, LL	С	Date	April	24. 2014		
	Nar		····					
~	200 Exelon V Addr	Vay, Kennett Square	PA 19348	Sheet 1	of	3		
2. Plant	Limerick Ger Nar	nerating Station		Unit		1		
	04.40 0		D# 40404	450				
<u> </u>	3146 Sanato Addr	<u>ga Road, Pottstown,</u> ess	PA 19464	A/H A1877 A1598581	7680/ A18776	<u>81/A1877682 /A18776</u>	75/	
3. Work Performed b	w Evolon Nucl	par		Repa	air Organizatio	on P.O. No., Job No. e N/A	tc.	
3. Work Fendined L	Nar			Authorization	No	N/A N/A		
440000 00 00 00 00 00 00 00 00 00 00 00	3146 Sanato Addi	ga Road, Pottstown, ress	PA 19464					
4. Identification of Sy	ystem <u>Snubbe</u>	rs (System	103)	Line No.				
(b) Applicable E	dition of Section	ASME III 19 XI Utilized for Repair ase(s) N-508	77 Edition s or Replacer	. Winter 19 ments 20 <u>01 edition w</u>	77 Addend ith addenda th	da, N/A o prough 2003	Code Case	
6. Identification of C	omponents							
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	Na	
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 Ex	elon stock code r	number						
7. Description of Wo	7. Description of Work: Replaced mechanical shock arrester snubbers with a new snubbers.							
8. Tests conducted:	Hydrostatic Other	Pneumatic No Pressure N/A			empt 🖷			
tion in items 1 the	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

1.	Owne	er <u>Exelon Generation Company, LLC</u> Name	Date	April 24, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet of	3
2.	Plant	Limerick Generating Station Name	Unit	
		3146 Sanatoga Road, Pottstown, PA 19464 Address	A1598581	7681/A1877682 /A1877675/
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Sta Authorization No.	amp <u>N/A</u>
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	Ident	ification of System Snubbers (System 103)	Line No.	
5.	(d)	Applicable Construction Code <u>ASME III</u> 19 77 Edition, Applicable Edition of Section XI Utilized for Repairs or Replacements Applicable Section XI Code Case(s) <u>N-508</u>		
6.	ldent	ification of Components		

Name of Component	Name of Manufactur er	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
				·			
							<u> </u>

Traceability per Exelon stock code number

9. Remarks : none				
Applic	able Manufacturer's Data R	eports to be attac	ched	
		·············		
	CERTIFICATE OF CO	MPLIANCE		
I certify that the statements made in the repor	t are correct and that this co	nforms to the req	uirements of the ASI	ME Code, Section XI.
Type Code Symbol StampNA				
Certificate of Authorization No.	NA NA		Expiration Date	NA
Signed 1 10ho Note	10	Date _A	od 24	, 2014
Owner or Owner's De	Signes Title	Date	IDIII, 24	, <u>2014</u>
Owner of Owner a De	olgride, The			
		······································		
(CERTIFICATE OF INSERVI	CE INSPECTION	ı.	
·		JE 1110. ZO 110.	•	
I, the undersigned, holding a valid commis	sion issued by the National	Board of Boiler a	nd Pressure Vessel I	nspectors and the State
or Province of Pennsylvania	and employed by	HS	B Global Standards	of
Hartford, C	onnecticut		have inspected th	e components described
in this Owner's Report during the period	JUNE 19, 2014	to J	UNE 26, 2014	, and state that
to the best of my knowledge and belief, the			ken corrective measu	res described in this
Owner's Report in accordance with the rec				
By signing this certificate neither the In				
examinations and corrective measures des				
shall be liable in any manner for any person	nal injury or property damag	e or a loss of any	kind arising from or	connected with this
inspection.				
		44000 4 11 1	D) 0045	
	Commissions		PA 3045	1 5
Inspector's Signature		National Board	, State, Province, and	Endorsements
Date June 26, 2014				
Date				

1.	Owner	Exelon Gene Nar	eration Company, LL	c	Date	April	12, 2014	
	···	200 Exelon V Addr	Vay, Kennett Square ess	. PA 19348	Sheet1_	of	2	····
2.	Plant	Limerick Ger Nar	nerating Station ne		Unit			
	-	3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464			on P.O. No., Job No.	etc.
3.	Work Performed by	k Performed by <u>Exelon Nuclear</u> Name				Type Code Symbol Stamp N/A Authorization No. N/A		
		3146 Sanato Addi	ga Road, Pottstown, ess	PA 19464	Expiration Dat	e	N/A	
4.	Identification of Sys	stem <u>Snubbe</u>	rs (System	103)	Line No.			
5.	5. (a) Applicable Construction Code <u>ASME III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N/A</u> 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) <u>N-508</u>							
6.	Identification of Co	mponents						
	Name of Component	Name of Manufactur er	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
	G-1HC-E19-H004 draulic Snubber	Lisega	31300330/045 Lisega3018 .	N/A	* 114-59113 PO# 275207	N/A	Installed	No
	A-113-E01-H006 draulic Snubber	Lisega	9761368/70 Lisega301 8	N/A	* 114-59113 PO# 061010	N/A	Installed	No
								
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1
•	Traceability per Exe	lon stock code r	number	1	L			
7.	Description of Wor	k: Replaced hyd	draulic shock arreste	r snubbers w	th a new snubbers.			
8.	Tests conducted:	Hydrostatic Other	Pneumatic No Pressure N/A			empt 📜		
		ough 6 on this re			nay be used, provided d (3) each sheet is nu			

FORM NIS-2 (BACK)	
9. Remarks : none Applicable Manufacturer's Data Reports to be attached to the state of the sta	ahad
Applicable Malidiacidies S data Reports to be attac	Gred

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the req Type Code Symbol Stamp NA	uirements of the ASME Code, Section XI.
Certificate of Authorization No. NA	Expiration Date NA
	•
Signed Owner or Owner's Designed, Title	pril, 24 , 2014
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler ar	nd Pressure Vessel Inspectors and the State
or Province of <u>Pennsylvania</u> and employed by <u>HS</u>	B Global Standards of have inspected the components described
Hartford, Connecticut in this Owner's Report during the period	UNE 26, 2014 and state that
to the best of my knowledge and belief, the Owner has performed examinations and tal 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 warrant examinations and corrective measures described in this Owner's Report. Furthermore, r	
shall be liable in any manner for any personal injury or property damage or a loss of any	
inspection.	
Commissions 14906 A AU I	DA 2045
Commissions 14396 A, N, I Inspector's Signature National Board	PA 3045 State, Province, and Endorsements
Date JUNE 26, 2014	
The state of the s	

1. Owner		Exelon Gene	eration Company, LL	c	Date	Anril	24 2014	
•		Nar				7,071		····
		200 Exelon V Addr	Vay, Kennett Square ess	e, PA 19348	Sheet1_	of	3	
2. Plant _	Plant Limerick Generating Station Name				Unit		1	
•		3146 Sanato Addr	ga Road, Pottstown, ess	PA 19464	<u>A/R A187768</u> /A1877675	80/ A1877681/	A1877679 /A187768	2_
3 Mark Pr	arformed t	ov Exelon Nucle	aar				on P.O. No., Job No. e N/A	tc.
J. WOIK!	endined t	Nar				No.		
-		3146 Sanato Addi	ga Road, Pottstown, ess	PA 19464	Expiration Da	te	N/A	· · ·
4. Identific	ation of Sy	ystem <u>Snubbe</u>	rs (System	103)	Line No.			
							la,N/A	Code Case
		dition of Section lection XI Code C		rs or Replace	ments 20 <u>01 edition w</u>	ith addenda th	rough 2003	
,,,,	•	omponents	- /					
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
GBC-101- Mechanical Snubber		Basic-PSA	45251 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
HBC-083- Mechanical Snubber		Basic-PSA	45234 PSA-35	N/A	* 114-72849 PO# 062644	N/A	Installed	No
GBB-106- Mechanical Snubber		Basic-PSA	45413 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
EBB-109- Mechanical Snubber		Basic-PSA	45426 PSA-1	N/A	* 114-72850 PO# 054850	N/A	Installed	No
* Traceab	ility per Ex	elon stock code r	umber					
7. Descrip	ition of Wo	rk: <u>Replaced me</u>	chanical shock arres	ster snubbers	with a new snubbers			
8. Tests co	onducted:	Hydrostatic Other				tempt 🖺		
tion in i	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

1.	Owne	r <u>Exelon Generation Company, LLC</u> Name	DateApri	24, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet of	3
2.	Plant	Limerick Generating Station Name	Unit	1
		3146 Sanatoga Road, Pottstown, PA 19464 Address	A/R A1877680/ A1877681/ A1877675	A1877679 /A1877682/ n P.O. No., Job No. etc.
3.	Work	Performed by <u>Exelon Nuclear</u> Name	Type Code Symbol Stamp Authorization No.	N/A
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4.	ldenti	fication of System Snubbers (System 103)	Line No.	
5.	(d)	Applicable Construction Code <u>ASME III</u> 19.77 Edition,_ Applicable Edition of Section XI Utilized for Repairs or Replacement Applicable Section XI Code Case(s) <u>N-508</u>		

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	Instailed	No
JIMPOEL							

^{*} Traceability per Exelon stock code number

. 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	on XI.
Type Code Symbol Stamp NA	
Certificate of Aythrorization No. NA Expiration Date NA	
Signed Veoles Molay Date April, 24 , 2014	
Owner or Owner's Designer, Title	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the	he State
or Province of Pennsylvania and employed by HSB Global Standards	of
Hartford, Connecticut have inspected the components d	tescribed
in this Owner's Report during the period November 7, 2013 to June 26, 2014 and sta	ite that
to the best of my knowledge and belief, the Owner has performed éxaminations and taken corrective measures described in	n 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	r
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t	this
inspection.	
Commissions 14396 A, N, I PA 3045	
Inspector's Signature National Board, State, Province, and Endorsements	
1	•
Date JUNE 26, 2014	

1.	Owner	*	Exelon Gene Nar	eration Company, me	LLC	D	ate	Ma	ny 2, 2014	·	
			200 Exelon V Addr	Vay, Kennett Squaress	are, PA 19348	s	heet1_	of	2		
2.	Plant		Limerick Ge Nar	nerating Station ne		U	Init	Or	ne		
			3146 Sanato Addi	ga Road, Pottstow ress	m, PA 19464		Work Order (Repa		1 on P.O. No.,	Job No. e	etc.
3.	Work	Performed by	Exelon Nucl Na				ype Code Syr authorization N			N/A N/A	
			3146 Sanato Add	ga Road, Pottstow ress	m, PA 19464	E	Expiration Date	3 <u> </u>		N/A	
4.	Identif	fication of Sys	stem Snubbe	ers (Syste	em 103)	<u>L</u>	ine No. N/A,	spare snubb	ers	<u>.</u>	
5.	(b) A	Applicable Ed	ition of Section	ASME III XI Utilized for Rep Case(s) N-508	airs or Replacer						_Code Case
6.	Identif	fication of Co	mponents								
									Correc	tad	ASME

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 Pr		ssure	Exempt E
		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

Remarks : The recor	ded serial number			c snubber serial num eports to be attache	iber, not the part number d	
						
***************************************						·
	·····					
		CEF	RTIFICATE OF CO	MPLIANCE		
certify that the stat	ements made in th				quirements of the ASME	Code, Section
ype Code Symbol S	Stamp	NA				
Certificate of Author					Expiration Date	
					Expiration Date	
Signed 4 EUL	Owner or Own	Pedro Roba er's Designee.	ayo Snubber coordi Title	nator Date <u>May 02</u>	. <u>, 201</u> 4	<u> </u>
		or a designee,				

		CERTIFIC	CATE OF INSERVI	CE INSPECTION		
Litha undomionar	d holding a valid a	ammicelan ienu	od by the National	Doord of Doiles and I	Pressure Vessel Inspecto	and the Close
or Province of	Pennsylvania	and emplo	byed by	HSBCT	ve inspected the component	ors and the State
in this Overedo Di	Hart	ord, CT	. = 7t 1dl	ha	ve inspected the compon ►€ 27, 2-14	ents described
to the best of my	sport during the pe knowledge and be	lef, the Owner	has performed exa	minations and taken	corrective measures des	_, and state that cribed in this
Owner's Report in	n accordance with t	the requirement	ts of the ASME Coo	de, Section XI		
By signing th	is certificate neithe	r the Inspector	nor his employer m	akes any warranty, e	expressed or implied, cor	cerning the
examinations and	corrective measure	as described in	this Owner's Hepo	rt. Furthermore, neith	her the Inspector nor his old arising from or connect	employer
inspection.	ny manner for any	personal injury	or property damag	s or a 1055 of all y Kill	id ansing from or connect	ed with this
порочини						
		*		12120/ 1117	- 012-40	
			Commissions_	17316 H, N, I	PA3045 tate, Province, and Endo	
	spector's Signature			National Board, S	tate, Province, and Endo	rsements
Date JUNA	e 27.	20 14				

=								
1.	Owner	Exelon Gene Nai	eration Company, LI ne	_C	Date	Apri	il 24, 2014	
		200 Exelon \ Add	Nay, Kennett Square ress	e. PA 19348	Sheet 1	of	3	<u> </u>
2.	Plant	Limerick Ge Na	nerating Station me		Unit		1	
	***************************************	3146 Sanato Add	ga Road, Pottstown. ress	PA 19464			1877681/A1598581 on P.O. No., Job No.	
3.	Work Performed by	<u>Exelon Nucl</u>			Type Code Sy Authorization	ymbol Stamp No.	N/A N/A	
		3146 Sanato Add	ga Road, Pottstown ress	, PA 19464	Expiration Da	te	N/A	
4.	Identification of Sys	stem <u>Snubbe</u>	rs (System	103)	Line No.	A		,
5. (a) Applicable Construction Code ASME III 19.77 Edition, Winter 1977 Addenda, N/A Code Cas (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						_Code Case		
6.	Identification of Co	mponents						
_	Name of Component	Name of Manufactur er	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped
	CA-101-H060 chanical Snubber	Basic-PSA	45563 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
	A-107-H020 chanical Snubber	Basic-PSA	44988 PSA-35	N/A	* 114-72849 PO# 067074	N/A	Installed	No
	D-108-H032 chanical Snubber	Basic-PSA	45564 PSA-3	N/A	* 114-72867 PO# 062580	N/A	Installed	No
	E-1MS-H031 chanical Snubber	Basic-PSA	45372 PSA-35	N/A	* 114-72849 PO# 067079	N/A	Installed	No
	B-113-H029(A) chanical Snubber	Basic-PSA	4503B PSA-3	N/A	* 114-72867 PO# 046770	N/A	Installed	No
•	Traceability per Exe	lon stock code n	umber					
7.	Description of Worl	k: Replaced me	chanical shock arres	ster snubbers	with a new snubbers			
8.	Tests conducted:		Pressure N/A			empt =		
					nay be used, provided d (3) each sheet is nu			

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

recorded at the top of this form.

As Required by the Provisions of the ASME Code Section XI

1.	Owner	Exelon Generation Company, LLC Name	Date April 2	4, 2014
		200 Exelon Way, Kennett Square, PA 19348 Address	Sheet 2 of	3
2.	Plant	Limerick Generating Station Name	Unit	1
		3146 Sanatoga Road, Pottstown, PA 19464 Address		877681/A1598581 P.O. No., Job No. etc.
3.	Work Performed by	Exelon Nuclear Name	Type Code Symbol Stamp Authorization No	N/A
		3146 Sanatoga Road, Pottstown, PA 19464 Address	Expiration Date	N/A
4,	Identification of Syst	lem Snubbers (System 103)	Line No.	
5.	(d) Applicable Edit	nstruction Code <u>ASME III</u> 19 <u>77</u> Edition,	Winter 1977 Addenda, nts 2001 edition with addenda thro	N/A Code Case

6. Identification of Components

Name of Component	Name of Manufactur er	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

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
Constitution of the consti
Signed Date April, 24 ,2014
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
or Province of Pennsylvania and employed by HSB Global Standards of
Hartford, Connecticut have inspected the components describe
in this Owner's Report during the period SEPTENSIZE 5, 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.
Commissions14396_A, N, I PA 3045
Inspector's Signature National Board, State, Province, and Endorsements
Date June 30. 2019
Maria