

Clinton Power Station
8401 Power Road
Clinton, IL 61727



U-604438

10 CFR 50.55a(g)

August 17, 2018

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

Clinton Power Station, Unit 1
Facility Operating License No. NPF-62
NRC Docket No. 50-461

SUBJECT: Post Outage 90-Day Inservice Inspection (ISI) Summary Report

In accordance with 10 CFR 50.55a, Codes and Standards," paragraph (g), "Inservice Inspection Requirements," Exelon Generating Company (EGC), LLC is required to maintain an Inservice Inspection Program in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. Please find enclosed the Post-Outage (90-Day) ISI Summary Report for the Clinton Power Station, Unit 1, for examinations and repair/replacement activities performed between May 30, 2017, (i.e., end of the 17th refueling outage) and May 22, 2018 (i.e., end of the 18th refueling outage).

The Post Outage Summary Report is being submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, Paragraph IWA-6230. The 18th refueling outage was the first refueling outage in the third inspection period of the third inspection interval that began on July 1, 2010.

This letter contains no regulatory commitments.

Please direct any questions you may have regarding this submittal to Mr. Dale A. Shelton, Regulatory Assurance Manager, at (217) 937-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "BK", written over a horizontal line.

Bradley T. Kapellas
Plant Manager
Clinton Power Station

KP/lam

Attachment: Clinton Power Station, Inservice Inspection Summary Report

cc: Regional Administrator, NRC Region III
NRC Senior Resident Inspector — Clinton Power Station
Office of Nuclear Facility Safety — IEMA Division of Nuclear Safety

A047
NRR

Exelon Corporation

4300 Winfield Rd, Warrenville, IL 60555

INSERVICE INSPECTION SUMMARY REPORT

REPORT DATE: August 16, 2018

INSERVICE DATE: April 24, 1987

REFUELING OUTAGE: C1R18

CLINTON POWER STATION Unit 1
8401 Power Rd, CLINTON, ILLINOIS 61727

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ISI**

INSERVICE INSPECTION
SUMMARY REPORT

CIR18

Prepared by: Mirza Barif, 7-30-2018

Reviewed by: Joe M. [Signature], 8-15-2018

Approved by: A. P. [Signature], 8-15-2018

Concurred by: MICHAEL ARYDON ANIL M. [Signature], 8/15/2018

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Section 1

Introduction and Scope

SECTION 1

INTRODUCTION AND SCOPE

INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between May 30, 2017 and May 22, 2018. This is the first refueling outage during the third inspection period of the third ten (10)-year interval. During this Fuel Cycle, CPS experienced three (3) forced outages (C1F59, C1F60, and C1F61), one (1) planned maintenance outage (C1M22), and one (1) planned refueling outage (C1R18). All examinations, tests, repairs and replacements were performed in accordance with the CPS Inservice Examination Plan which complies with ASME Section XI, 2004 Edition.

The ASME Section XI examinations, tests and repairs/replacements were witnessed or verified by Authorized Nuclear Inservice Inspector (ANII) M. Haydon of Hartford Steam Boiler of Connecticut.

In accordance with IWA-6220, the name and description of the components examined are listed on the NIS-1 Data Report and its attachments (Section 2). Further component information is obtainable through the reference number, or other information, for the specific item. The manufacturers' names for the components examined are also identified in Item 7 of the NIS-1 Data Report and their addresses are on file at CPS. Documentation supporting this Summary Report is referenced in the Inservice Examination Plan, implementing procedures, or record files identified in the specific sections of this report.

Scope:

The scope of Inservice Inspection performed during this Fuel Cycle is summarized as follows:

- Preservice Examinations – None
- Scheduled Inservice Examinations –None. Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any ISI activities.

Due to extra cost for various activities during only refueling outages, Exelon Corp management decided that it is not beneficial to continue 12 month fuel cycle, therefore C1R18 is the last only refueling outage.

- Snubbers – None. Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any Snubbers activities.
- Component Supports – None. Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any Component Supports activities.
- Pressure Tests - ASME Code Class 1 Components – A system leakage test and VT-2 inspection of ASME Code Class 1 components was successfully performed prior to plant startup.
- Repairs and Replacements – During C1R18 no repairs and replacements were required as a result of scheduled examinations. Also during C1R18, there were few modifications performed. The modifications, as well as repairs and replacements which resulted from routine maintenance, are specifically detailed in Section 3 of this report.
- Containment Inservice Inspection – During C1R18, examinations required by 10CFR50.55a(g) were completed in accordance with Subsections IWE and IWL of ASME Section XI Code, 2001 Edition through 2003 Addenda. This is the third inspection period of the second interval, which began September 10, 2008, and scheduled to end September 09, 2018, for Containment Inservice Inspection activities.

IWE:

Portions of Class MC components were scheduled and examined in C1R18.

All Wetted Surfaces of Submerged Areas and Vent System Surface Areas were examined and acceptable. There were no indications of any degradations were identified. Also examined was a small Area/portion of Containment Hatch and its bolting and found acceptable. This area was temporarily obstructed by protective covering during last outage and could not be examined.

Section 2

NIS-1 Code Data Report

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

1. Owner Exelon Corporation, 4300 Winfield Rd, Warrenville, IL 60555
2. Plant Clinton Power Station, 8401 Power Rd, Clinton, IL 61727
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 4/24/1987 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No	State or Province No	National Board No
Reactor Vessel 1B13-D003	Chicago Bridge & Iron Co.	B5225	B005056	4442
Pump 1B33C001B	Bingham/Willamette	14217102	N/A	NB-395
Valve 1C41F004B	Conax Corporation	70	N/A	N/A
Valve 1E22F012	Anchor Darling Valve Co	2N769	N/A	N/A
Valve 1B21F098B	Anchor Darling Valve Co	E-6214-146-2	N/A	N/A
Valve 1E12F018A	Anchor Darling Valve Co	D005W750041	N/A	N/A
Valve 1E12F018B	Anchor Darling Valve Co	E-6214-50-2	N/A	N/A
Valve 1E12F046A	Anchor Darling Valve Co	D005W750007	N/A	N/A
Valve 1E12F046B	Anchor Darling Valve Co	E-6214-98-2	N/A	N/A
Piping System	Illinois Power Co.	See Note 1	N/A	N/A

Note 1: The piping components examined/tested are listed in Attachment 1 of this NIS-1 Data Report.

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in the items 1 through 6 on this report 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-1 (Back)

8. Examination Dates 05/30/17 to 05/22/18
9. Inspection Period Identification 3
10. Inspection Interval Identification 07/01/10 to 06/30/20
11. Applicable Edition of Section XI 2004 Addenda N/A
12. Date/Revision of Inspection Plan Rev. 16
13. Abstract of Examinations and Tests. Include a list of examinations and tests a statement concerning status for the Inspection Plan.
See Attachment 1.
14. Abstract of Results of Examination and Tests.
See Attachment 1.
15. Abstract of Corrective Measures.
N/A.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date 7-30-2018 Signed Exelon Corporation By Mirza Barp
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this owner's report during the period 05/30/17 to 05/22/18, and state that to the best of my knowledge and belief, the owner has performed examinations and tests and taken corrective measures described in this owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Mirza Barp Commissions NB#10989C, IN, R IL#1721
Inspector's Signature National Board, state, province, and endorsements

Date 15 AUGUST 2018

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

- | | |
|---|---|
| 1. Owner: <u>Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555</u> | |
| 2. Plant: <u>Clinton Power Station, 8401 Power Rd., Clinton, IL 61727</u> | |
| 3. Plant Unit: <u>1</u> | 4. Owner Certificate of Authorization: <u>N/A</u> |
| 5. Commercial Service Date: <u>4-24-87</u> | 6. National Board Number for Unit: <u>N/A</u> |

13 / 14. Abstract of Examination:

Listing of Examinations:

Table 1 - Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any ISI activities.

Table 2 - Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any Component Supports activities.

Table 3 - Due to economic reasons, beginning in the Spring of 2015 CPS began a 12 month fuel cycle. CPS intended to alternately schedule one short outage that would focus primarily on only refueling activities with minimal maintenance activities, and one traditional refueling outage consisting of both refueling activities and maintenance activities. C1R16 was the first only refueling outage for this initiative. C1R18 is the next only refueling outage with minimal maintenance activities. For this reason CPS did not schedule any Snubbers activities.

Table 4 lists scheduled pressure tests. The results column in the table provides further explanation for these tests.

Current Interval Status:

Currently, CPS is in the Third Period of the Third Interval. Based on the annual refueling outage schedule, CPS has two (2) refueling outages during the Third Period: C1R18 and C1R19. With the exception of the examinations that may be deferred until the end of the inspection interval, the required examinations in each examination category were completed, see Appendix 1, (Inspection Program B).

Appendix 1
Clinton Power Station Unit 1

With the Exception of Categories/Items can be deferred until the End of Interval
Number and Percentage of ISI Examinations Completed

Category	Total Number of Welds	Total Number Selected	Numbers Completed in Period 1	Percentage Completed In Period 1	Numbers Completed in Period 2	Percentage Completed In Period 2	Total Percent Completed
B-A	2 Note 1	2	.833	41%	.33	16%	57%
B-D	62	32	10	31%	8	25%	56%
B-G-1	Note 2	N/A	N/A	N/A	N/A	N/A	N/A
B-G-2	Note 2	N/A	N/A	N/A	N/A	N/A	N/A
B-K	41	13	5	38%	4	30%	68%
B-L-2	Note 2	N/A	N/A	N/A	N/A	N/A	N/A
B-M-2	Note 2	N/A	N/A	N/A	N/A	N/A	N/A
B-N-1	Note 3	N/A	N/A	N/A	N/A	N/A	N/A
B-N-2	Note 3	N/A	N/A	N/A	N/A	N/A	N/A
B-O	Note 4	N/A	N/A	N/A	N/A	N/A	N/A
B-P	Note 5	N/A	N/A	N/A	N/A	N/A	N/A
C-A	4	2	1	50%	-	-	50%
C-B	8	4	-	-	2	50%	50%
C-C	59	12	3	25%	3	25%	50%
C-G	Note 6	N/A	N/A	N/A	N/A	N/A	N/A
C-H	Note 7	N/A	N/A	N/A	N/A	N/A	N/A
D-A	43	6	2	33%	1	16%	50%
D-B	Note 7	N/A	N/A	N/A	N/A	N/A	N/A
F-A	1594	276	54	19%	95	34%	53%
R-A	473	84	19	22%	26	30%	52%

Note 1 – Only 2 welds (Shell to Flange and Head to Flange) required to meet percent completion requirements. The remaining welds may be deferred to the end of the interval.

Note 2 – Examinations deferred until disassembly of these components for maintenance, repair/replacement activity, or volumetric examination. No Percentage will be calculated.

Note 3 – Relief Request I3R-10 was approved to Use of BWRVIP Guidelines in lieu of Specific ASME Code Requirements. No counts will be performed.

Note 4 – The examination may be deferred to the end of the interval.

Note 5 – ASME Class 1 Components Pressure Test is performed at the end of every refueling outage.

Note 6 – Relief Request I3R-11 was approved to Use the ASME Section XI, 2007 Edition with the 2008 Addenda in Lieu of 2004 Edition. No counts will be performed.

Note 7 – ASME Class 2 & 3 Components Pressure Test is performed every Inspection Period.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555	
2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727	
3. Plant Unit: 1	4. Owner Certificate of Authorization: N/A
5. Commercial Service Date: 4-24-87	6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled ISI Examinations. None

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
—	—	—	—	—	—	—	—

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 2

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555	
2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727	
3. Plant Unit: 1	4. Owner Certificate of Authorization: N/A
5. Commercial Service Date: 4-24-87	6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled Component Supports Examinations. None

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
—	—	—	—	—	—	—	—

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 3

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555	
2. Plant: Clinton Power Station, 8401 Power Rd, Clinton, IL 61727	
3. Plant Unit: 1	4. Owner Certificate of Autherization: N/A
5. Commercial Service Date: 4-24-87	6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled Snubbers Examinations. None

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
—	—	—	—	—	—	—	—

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 4

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555
2. Plant: Clinton Power Station, 8401 Power Road, Clinton, IL 61727
3. Plant Unit: 1 **4. Owner Certificate of Authorization:** N/A
5. Commercial Service Date: 4-24-87 **6. National Board Number for Unit:** N/A

13/14. Abstract of Examinations: Listing of Scheduled Pressure Testing.

ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
ALL CLASS 1 COMPONENTS	VT-2	B15.10	B-P	1	ACCEPTABLE, SEE NOTE 1

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 4 Notes

- | | |
|--|---|
| 1. Owner: <u>Exelon Corporation, 4300 Winfield Rd, Warrenville, IL, IL 60555</u> | |
| 2. Plant: <u>Clinton Power Station, 8401 Power Rd., Clinton, IL 61727</u> | |
| 3. Plant Unit: <u>1</u> | 4. Owner Certificate of Authorization: <u>N/A</u> |
| 5. Commercial Service Date: <u>4-24-87</u> | 6. National Board Number for Unit: <u>N/A</u> |

13 / 14. Abstract of Examinations: Listing of Scheduled Pressure Testing.

Note 1: Pressure Tests

Class 1 Components

A System Leakage Test and VT-2 inspection of ASME Class 1 components was performed prior to plant startup.

Condition noted: Only minor leakage from valve packing and bolted flanged connections was noted.

Corrective measures: Leakage was corrected to acceptable levels.

Section 3

Repair and Replacement

Section 3

REPAIR AND REPLACEMENT DATA REPORTS

NIS-2 OWNER'S DATA REPORT

This section provides a listing of the ASME Section XI repairs or replacements performed since the last Summary Report.

All repairs and replacements were of a routine nature. CPS did not identify any flaws during performance of any ISI examination that required a repair or replacement.

Following the listing of repairs or replacements are copies of NIS-2 Owner's Data Reports for all of the Class 1, 2, and 3 repairs and replacements which CPS performed during this reporting period. Data reports for any components or parts used in support of those NIS-2's have not been included but are filed with Section XI repair and replacement records.

The records for all Section XI repairs and replacements are available and located in the Clinton Records Vault.

Section 3

Repair and Replacement Summary

NIS-2 Number	Class	Description
RF-18-001	3	Rebuild Pump 1SX01PC and replaced Code Parts.
RF-18-002	3	Repaired a Pin Hole Leak in Piping System NSX08.
RF-18-003	3	Repaired a Pin Hole Leak in Pipe Line Number 1SX20AB-8".
RF-18-004	3	Repaired Div. III SX Spare Pump. Welding was performed on several locations and performed Machining.
RF-18-005	3	Replaced Valve 1SX019B and a Spool Piece consists of Pipe, a Reducer, and a Flange.
RF-18-006	3	Replaced Div. III pump 1SX01PC with a Spare Pump. Also, implemented EC 404025, Rev. 1.
RF-18-007	3	Replaced Studs and Nuts for Pipe to Pipe Flange connection on Heat Exchanger 0VC13CA.
RF-18-008	3	Replaced Cooling Coil on 1VX13AA.
RF-18-009	3	Replaced Relief Valve 1IA128B.
RF-18-010	3	Replaced Bolting on Pipe Side in Piping Subsystem NSX05.
RF-18-011	1	Replaced Reactor Recirculation Pump 'B' Seal.
RF-18-012	3	Replaced Flange and Reducer downstream of Valve 1SX019A In the Piping Subsystem NSX06.
RF-18-013	2	Replaced Body to Bonnett Bolts and Nuts for Valve 1E22F012.
RF-18-014	1	Replaced Firing Chamber of Squib Valve 1C41F004B.
RF-18-015	2	Replaced Portion of Line 1RH19AB-4" & 1RH19BB-4". Also, Repaired Valves 1E12F018B & 1E12F046B weld ends.
RF-18-016	2	Replaced Portion of Line 1RH19AA-4" & 1RH19BA-4". Also, Replaced Valves 1E12F018A & 1E12F046A per EC 624194.
RF-18-017	2	Replaced Bonnet in Valve 1B21F098B.
RF-18-018	3	Replaced Valve 1E12F014B Disk & Guides (by welding) per EC 353843.

Section 3

Repair and Replacement Summary

[illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *MJG AND 8/15/18* Data Report No. RF-18-001
 Name 965 Chesterbrook Blvd., Wayne, PA 19087-8114 Date: 11/30/2017
HMB 8/14/18
4300 Winfield Rd., Address Warrenville, IL 60555 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
 Name 8401 Power Rd, Clinton, IL 61727
 Address 4652383-09
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
 Name 8401 Power Rd, Clinton, IL 61727 Authorization No: Not Applicable
 Address Expiration Date: Not Applicable

4. Identification of System: NSX05 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1974 Edition S74 Addenda N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
P	Bingham Willamette	463565	N/A	1SX01PC	1979	Replacement	Yes

7. Description: Rebuild the pump and Replaced few Code Parts, see Remarks.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Capscrew: Cat ID - 1777364; UTC # - 4365795

Studs: Cat ID - 37092; UTC # - 3080589

Studs: Cat ID - 37094; UTC # - 3093325

Bolt: Cat ID - 1151725; UTC # - 2110777

Replacement of the above bolts do not require Pressure Testing.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

Signed Mirza Baig Engineer
Owner or Owner's Designee, Title

Date 11-30, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 6/16/2017 to 12/5/2017 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.

[Signature]
 Inspector's Signature

Commissions NB #10989 C, I, N, R IL #1721
National Board, State, Province, and Endorsements

Date 5 December, 2017

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation Data Report No. RF-18-002
Name Date: 11/11/2017
~~965 Chesterbrook Blvd., Wayne, PA 19087~~ Sheet 1 of 1
4300 Winfield Rd., Address Warrenville, IL 60555 Unit: 1
Name Repair Organization P.O. No., Job No.
8401 Power Rd, Clinton, IL 61727 4648253-14
Address
2. Plant: Clinton Power Station Type Code Symbol Stamp: None
Name Authorization No: Not Applicable
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable
Address
3. Work Performed by: Clinton Power Station Code Class 3
Name
8401 Power Rd, Clinton, IL 61727
Address
4. Identification of System: NSX08 Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: N/A Edition N/A Addenda N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed., No Ad
(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	Illinois Power	PIPING SYSTEM	NA	NSX08	1986	Repaired	Yes

7. Description: Repaired Pin Hole Leak.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Exempt ☐ Pressure: 130 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

None.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Horze Barp Engineer
Owner or Owner's Designee, Title

Date 11-11, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 6/7/2017 to 11/11/2017, 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.

[Signature]
 Inspector's Signature

Commissions NB#10989 C, I, N, R I#1721
National Board, State, Province, and Endorsements

Date 13 NOVEMBER, 2017

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *SMITH II 8/15/18* Data Report No. RF-18-003
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 *MMS 8/14/18* Date: 12/2/2017
4300 Winfield Rd., Address Wavrenville, IL 60555 Sheet 1 of 1
2. Plant: Clinton Power Station Unit: 1
 Name 8401 Power Rd, Clinton, IL 61727 4676533-01
 Address Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
 Name 8401 Power Rd, Clinton, IL 61727 Authorization No: Not Applicable
 Address Expiration Date: Not Applicable
4. Identification of System: NSX08 Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: N/A Edition N/A Addenda N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	Illinois Power	PIPING SYSTEM	NA	NSX08	1986	Repaired	Yes

7. Description: Repaired Pin Hole Leak on Pipe Line Number 1SX20AB-8".

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza B. Engineer
Owner or Owner's Designee, Title

Date 12-2-, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 8/20/2017 to 12/5/2017, 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.

[Signature]
 Inspector's Signature

Commissions NO#10989 C,I,N,R IL#1721
 National Board, State, Province, and Endorsements

Date 5 December, 2017

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **As Required by the Provisions of the ASME Code Section XI**

1. Owner: Exelon Corporation *MMB 8/15/18* Data Report No. RF-18-004
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 Date: 9/9/2017
4300 Winfield Rd., Address Warrenville, IL 60555 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
 Name 8401 Power Rd, Clinton, IL 61727 Sulzer PO 00531541
 Address Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
 Name 8401 Power Rd, Clinton, IL 61727 Authorization No: Not Applicable
 Address Expiration Date: Not Applicable

4. Identification of System: NSX05 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1974 Edition S76 Addenda N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: ASME Sec XI 2004 Ed; No Add

(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
P	Sulzer Pumps Inc	1A278	NB-697	1SX01PC	1979	Repaired	Yes

7. Description: Repaired Div III SX Spare Pump. Welding was performed on several locations and performed machining.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Repaired Div III SX Spare Pump. Welding was performed on several locations and performed machining to restore the register fit and flange face runout. This was done per PO 00531541 to Sulzer and their Sales Order 100203165 Rev. 1, 2, and 3. Also, implemented EC 404025 Rev. 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair / Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Barj Engineer
Owner or Owner's Designee, Title

Date 9-12, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 9/5/2017 to 9/12/2017, 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.

M. Barj
Inspector's Signature

Commissions NB #10989 C, I, N, R IL #1721
National Board, State, Province, and Endorsements

Date 12 Sept., 2017

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Exempt ☐ Pressure: 123 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Pipe Spool Piece was fabricated under W/O Task 4648253-01 in the Shop.
 This was installed with a new Valve under W/O Task 4676533-14.

Receiving Information:

Valve: Cat ID - 1146593; UTC # - 3086184

Pipe: Cat ID - 1153193; UTC # - 2913533

Flange: Cat ID - 1152692; UTC # - 2867023

Reducer: Cat ID - 1152923; UTC # - 2869329

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NJA

Certificate of Authorization No. NJA

Signed Mirza Bani Engineer
Owner or Owner's Designee, Title

Date 12-2, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 8/22/17 to 12/5/2017, 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.

[Signature]
 Inspector's Signature

Commissions NB #10989 GI, NR IL #1721
 National Board, State, Province, and Endorsements

Date 5 December, 2017

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Exempt ☐ Pressure: 80 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Pump: Cat ID - 1444228; UTC # - 2564044

Bolt: Cat ID - 1151725; UTC # - 2110777

Nut: Cat ID - 1394885; UTC # - 3077035

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed M. J. B. Bump
Owner or Owner's Designee, Title

Date 12-4-, 2017

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 9/12/17 to 12/4/2017, 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.

[Signature]
Inspector's Signature

Commissions NB #10989 C, I, N, R IC #1721
National Board, State, Province, and Endorsements

Date 5 December, 2017

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation

Name

965 Chesterbrook Blvd., Wayne, PA 19087 8/14/18
4300 Winfield Rd., Address Wavrenville, IL 60555

Data Report No. RF-18-007

Date: 1/18/2018

Sheet 1 of 1

2. Plant: Clinton Power Station

Name

8401 Power Rd, Clinton, IL 61727

Address

Unit: 1

1828507-01

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

3. Work Performed by: Clinton Power Station

Name

8401 Power Rd, Clinton, IL 61727

Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NSX06

Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case

Component:	1974 Edition	Summ 76 Addenda	N/A Code Case
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add

(c) Section XI code Cases used . N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
HX	CARRIER	202674	140437	0VC13CA	1979	Replacement	Yes

7. Description: Replaced Studs and Nuts for Pipe to Pipe Flange connection.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

Other ☐ Exempt ☒ Pressure: psi Test Temp: °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Studs: Cat ID - 1151591; UTC # - 2116083

Nuts: Cat ID - 1394886; UTC # - 3074894

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

Signed Mirza Baip Engineer
 Owner or Owner's Designee, Title

Date 1-18, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 10/19/2017 to 1/18/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions

NB#10989 C, I, N, R IC#1721
 National Board, State, Province, and Endorsements

Date 22 January, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation CND/AN/II 8/15/18
Name
965 Chesterbrook Blvd., Wayne, PA 19087 MMB 8/14/18
4300 Winfield Rd., Address Warrenville, IL 60555
 Date Report No. RF-18-008
 Date: 1/18/2018
 Sheet 1 of 1
2. Plant: Clinton Power Station
Name
8401 Power Rd, Clinton, IL 61727
Address
 Unit: 1
1791117-01
Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station
Name
8401 Power Rd, Clinton, IL 61727
Address
 Type Code Symbol Stamp: None
 Authorization No: Not Applicable
 Expiration Date: Not Applicable
4. Identification of System: NSX06 Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case
 Component: 1977 Edition N/A Addenda N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
HX	AMERICAN AIR FILTER	CC-05007	--	1VX13AA	1982	Replaced	Yes

7. Description: Replaced Cooling Coil.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Exempt ☐ Pressure: 121 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Cat ID - 1150969; UTC # - 2721907

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Miguel B. [Signature] Engineer
Owner or Owner's Designee, Title

Date 1-18, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 7/18/2017 to 1/18/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions NB #10989 C, I, N, R IL #1721
National Board, State, Province, and Endorsements

Date 22 JANUARY, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *Company 8/15/18*
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 *MMB 8/14/18*
4300 Winfield Rd., Address Warrenville, IL 60555
 Date: 1/23/2018
 Sheet 1 of 1
2. Plant: Clinton Power Station
 Name 8401 Power Rd, Clinton, IL 61727
 Address 1858467-01
 Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station
 Name 8401 Power Rd, Clinton, IL 61727
 Address
 Type Code Symbol Stamp: None
 Authorization No: Not Applicable
 Expiration Date: Not Applicable
4. Identification of System: NIA Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case
 Component: 1977 Edition Summ 77 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	Anderson G Crosby	N99657-00-0004	N/A	1IA128B	2004	Replaced	Yes

7. Description: Replaced Relief Valve 1IA128B.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Exempt ☐ Pressure: 150 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Cat ID - 1389709; UTC # - 2693971

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Bani Engineer
 Owner or Owner's Designee, Title

Date 1-23-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 5/10/2017 to 1/23/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions NB#10989 C, I, N, R IL#1721
 National Board, State, Province, and Endorsements

Date 23 JANUARY, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation

Name

~~965 Chesterbrook Blvd., Wayne, PA 19087~~

4300 Winfield Rd., Address Warrenville, IL 60555

Data Report No. RF-18-010

Date: 3/2/2018

Sheet 1 of 1

2. Plant: Clinton Power Station

Name

8401 Power Rd, Clinton, IL 61727

Address

Unit: 1

1842315-01

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

3. Work Performed by: Clinton Power Station

Name

8401 Power Rd, Clinton, IL 61727

Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NSX05

Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case

Component:	N/A Edition	N/A Addenda	N/A Code Case
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add

(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	N/A	NSX05	1986	Replacement	Yes

7. Description: Replaced Bolting on Pipe Side.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

Other ☐ Exempt ☒ Pressure: psi Test Temp: °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Bolting (6 each) - Cat ID - 1396480; UTC # - 2893312

Bolting (3 each) - Cat ID - 1397175; UTC # - 3078301

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

Signed Morgan B. Engineer Date 3-2-, 2018
Owner or Owner's Designee, Title

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 8/7/2017 to 3/2/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions

NB*10989 C I N R IL*1721

National Board, State, Province, and Endorsements

Date 5 APRIL, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *Ant 8/15/18* Data Report No. RF-18-011
Name
~~965 Chesterbrook Blvd., Wayne, PA 19087~~ *MMS 8/14/18* Date: 4/4/2018
4300 Winfield Rd., Address Warrenville, IL 60555 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
Name
8401 Power Rd, Clinton, IL 61727 1686243-01 & 02
Address Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
Name Authorization No: Not Applicable
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable
Address

4. Identification of System: NGE01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1971 Edition W73 Addenda N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
P	BINGHAM/WILLAMET TE	14217102	NB-395	1B33C001B	1977	Replacement	Yes

7. Description: Replaced Reactor Recirculation Pump 'B' Seal.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Exempt ☐ Pressure: 1033 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

This mechanical seal was built in the Task 02 of this work order.
 Seal Rebuild Kit: Cat ID 1413025; UTC # 2746400
 Upper Gland: NB 1475; S/N 01711023
 Seal Holder: NB 1492; S/N 01N14950

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Banji Engineer
Owner or Owner's Designer, Title

Date 4-4-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co: Hartford, CT have inspected the components described in this Owner's Report during the period 4/22/2016 to 4/4/2018 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions NB#10989 C, I, N, R IC#1721
 National Board, State, Province, and Endorsements

Date 4 APRIL, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation Data Report No. RF-18-012
Name Date: 4/17/2018
~~965 Chesterbrook Blvd., Wayne, PA 19087~~ Sheet 1 of 1
4300 Winfield Rd., Address Warrenville, IL 60555
2. Plant: Clinton Power Station Unit: 1
Name Repair Organization P.O. No., Job No.
8401 Power Rd, Clinton, IL 61727 4748838-01
Address
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
Name Authorization No: Not Applicable
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable
Address
4. Identification of System: NSX06 Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	Illinois Power	NSX06	NA	NSX06	1986	Replacement	Yes

7. Description: Replaced Flange and Reducer downstream of Valve 1SX019A.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Flange: Cat ID - 1152692; UTC # - 2963094

Reducer: Cat ID - 1152923; UTC # - 2963410

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Bar
Owner or Owner's Designee, Title

Date 4-17-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 2/20/18 to 4/17/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions

NB#10989CINR IC#1721
 National Board, State, Province, and Endorsements

Date 18 APRIL, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **As Required by the Provisions of the ASME Code Section XI**

1. Owner: Exelon Corporation *CMMAA 8/15/18*
 Name
965 Chesterbrook Blvd., Wayne, PA 19087 *MHB 8/14/18*
4300 Winfield Rd., Address Warrenville, IL 60555
 Date: 5/23/2018
 Sheet 1 of 1
2. Plant: Clinton Power Station
 Name
8401 Power Rd, Clinton, IL 61727
 Address
 Unit: 1
 W/O 4782517-01
 Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station
 Name
8401 Power Rd, Clinton, IL 61727
 Address
 Type Code Symbol Stamp: None
 Authorization No: Not Applicable
 Expiration Date: Not Applicable
4. Identification of System: NHP01 Code Class 2
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1971 Edition Win 1973 Addenda 567 & 1637 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
- (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	Anchor/Darling Valve	2N769	N/A	1E22F012	1976	Replacement	Yes.

7. Description: Replaced Body to Bonnett Bolts and Nuts.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Leak Check was performed per W/O 4782517-02.

ASME Section III Code Cases: 1567 & 1637

Receiving Info:

Bolts: Cat ID - 1148069; UTC # - 2104772

Nuts: Cat ID - 1394888; UTC # - 4342590

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code-Symbol Stamp: N/A

Certificate of Authorization No: N/A

Signed: Mirza Baig Engineer
Owner or Owner's Designee, Title

Date 5-23 -, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 5/10/18 to 6/4/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Mirza Baig
Inspector's Signature

Commissions NB# 10989 C, I, N, R, I, L # 1721
National Board, State, Province, and Endorsements

Date June 4, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation Data Report No. RF-18-014
Name Date: 5/23/2018
~~965 Chesterbrook Blvd., Wayne, PA 19087~~ Sheet 1 of 1
4300 Winfield Rd., Address Warrenville, IL 60555
2. Plant: Clinton Power Station Unit: 1
Name W/O 4660657-01
8401 Power Rd, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
Name Authorization No: Not Applicable
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable
Address
4. Identification of System: NSC01 Code Class 1
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1977 Edition S77 Addenda N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	CONAX CORPORATION	70	N/A	1C41F004B	76	Replacement	Yes

7. Description: Replaced Firing Chamber of Squib Valve 1C41F004B.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Exempt ☐ Pressure: 1030 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Receiving Information:

Cat ID - 1148279; UTC # - 4400352

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Barfi Engineer
Owner or Owner's Designee, Title

Date 5-23-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 10/20/2017 to 5/23/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB#10989 C, E, N, R I#1721
National Board, State, Province, and Endorsements

Date 2018, 4 June, 20

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation Data Report No. RF-18-015
Name Date: 5/31/2018
~~965 Chesterbrook Blvd., Wayne, PA 19087~~ Sheet 1 of 1
4300 Winfield Rd., Address Warrenville, IL 60555
2. Plant: Clinton Power Station Unit: 1
Name 1230601 - 01 / 39
8401 Power Rd, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
Name Authorization No: Not Applicable
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable
Address
4. Identification of System: NRH08 Code Class 2
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S75 Addenda see remark Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	Illinois Power	PIPING SYSTEM	NA	NRH08	1985	Replaced	Yes
V	Anchor/Darling Valve	E-6214-50-2	N/A	1E12F018B	1978	Repaired	Yes
V	Anchor/Darling Valve	E-6214-98-2	N/A	1E12F046B	1979	Repaired	Yes

7. Description: Replaced portion of Line 1RH19AB-4" & 1RH19BB-4". Repaired Valves 1E12F018B & 1E12F046B weld ends.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Exempt ☐ Pressure: 263 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **As Required by the Provisions of the ASME Code Section XI**

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

Sec III Code Cases for Valves 1E12F018B and 1E12F046B 1516.1, 1567, 1622, 1635.1, 1677
 Replaced portion of Line 1RH19AB-4" & 1RH19BB-4". Repaired Valves 1E12F018B & 1E12F046B weld ends. The required radiography of Valves weld ends were performed with the final butt welds valves attached to pipe/valve.

Receiving Information: The piping components used in this task was pre-fabricated under w/o 699618-01 and documented on NIS-2 # RF-12-063, flanges, sockolet, and bolting are procured under this w/o 1230601-01:

See Page 3 of 3 for Detail receiving information.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair & Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Bani Engineer
Owner or Owner's Designee, Title

Date 6-13-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 4/3/2017 to 6/13/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions NB#10989 C, I, N, R I.#1721
National Board, State, Province, and Endorsements

Date 13 June, 2018

(Continuation of FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI)

Page 3 of 3

Data Report No. RF-18-015

Receiving Information: The piping components used in this task was pre-fabricated under w/o 699618-01 and documented on NIS-2 # RF-12-063, flanges, sockolet, and bolting are procured under this w/o 1230601-01:

Spool with Pipe and Flange:

Cat ID – 1452006; UTC # - 2891465 (NIS-2 RF-12-063 or w/o 699618-01 info – Pipe - Cat ID – 1153170; UTC # - 2107996; Flange – CAT ID – 1152788; UTC # - 2715363);

Spool with Pipe and 90 deg Elbow:

Cat ID – 1452006; UTC # - 2891465 (NIS-2 RF-12-063 or w/o 699618-01 info – Pipe - Cat ID – 1153170; UTC # - 2715382; 90 DEG Elbow – CAT ID – 1152855; UTC # - 2714723);

Spool with Pipe and Sockolet:

Cat ID – 1452006; UTC # - 2891465 (NIS-2 RF-12-063 or w/o 699618-01 info – Pipe - Cat ID – 1153170; UTC # - 2107996; Sockolet was procured under this w/o 1230601-01 – CAT ID – 1146151; UTC # - 2734177);

Flange: Cat ID - 1487839; UTC # - 2975912

Flange: Cat ID - 1487839; UTC # - 2975913

Studs 5/8" 8 each: Cat ID – 1397175; UTC # - 4367142

Nuts 5/8" 16 each: Cat ID – 1394885; UTC # - 3077035

Studs 3/4" 8 each: Cat ID – 1396489; UTC # - 2880189

Studs 3/4" 16 each: Cat ID – 1394886; UTC # - 3074894

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *MMB 8/15/18* Data Report No. RF-18-016
 Name MMB 8/14/18 Date: 6/2/2018
~~965 Chesterbrook Blvd., Wayne, PA 19087~~
4300 Winfield Rd., Address Warrenville, IL 60555 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
 Name 8401 Power Rd, Clinton, IL 61727 1230598-47
 Address Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
 Name 8401 Power Rd, Clinton, IL 61727 Authorization No: Not Applicable
 Address Expiration Date: Not Applicable

4. Identification of System: NRH01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1974 Edition S75 Addenda see remark Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	N/A	NRH01	1985	Replaced	Yes
V	Anchor/Darling Valve	D005W750041	N/A	1E12F018A	1978	Replaced	Yes
V	Anchor/Darling Valve	D000W750007	N/A	1E12F046A	1979	Replaced	Yes

7. Description: Replaced RH Min Flow Line including Valves per EC 624194.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Exempt ☐ Pressure: 271 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

ASME Sec III Code Cases - 1516.1, 1567, 1622, 1635.1, 1677.

Receiving Information:

Flange CS: Cat ID - 1152788; UTC # - 4385046

Pipe SS: Cat ID - 1620697; UTC # - 4407596

Check Valve SS: Cat ID - 1787864; UTC # - 4407408

Sockolet SS: Cat ID - 1152921; UTC # - 2100392

Valve, Gate SS: Cat ID - 1787867; UTC # - 4407412

Elbow SS: Cat ID - 1449024; UTC # - 2881332

Flange CS: Cat ID - 1487839; UTC # - 4407585

Stud (1 each): Cat ID - 1397175; UTC # - 4348432

Stud (3 each): Cat ID - 1397175; UTC # - 4398702

Stud (4 each): Cat ID - 1397175; UTC # - 4383064

Nut (16 each): Cat ID - 1394885; UTC # - 4369932

Threaded Rod (72"); Cat ID - 37094; UTC # - 3127527

Nut (16 each): Cat ID - 1394886; UTC # - 3074894

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza B. Engineer
Owner or Owner's Designer Title

Date 7-11-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 5/13/2018 to 7/11/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions NB #10989 C, I, N, R IL #1721
 National Board, State, Province, and Endorsements

Date 11 JULY, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *on 8/15/18*
Name
~~965 Chesterbrook Blvd., Wayne, PA 19087~~
4300 Winfield Rd., Address Warrenville, IL 60555 *MMS 8/14/18*
 Data Report No. RF-18-017
 Date: 7/7/2018
 Sheet 1 of 1
2. Plant: Clinton Power Station
Name
8401 Power Rd, Clinton, IL 61727
Address
 Unit: 1
4644659-04
 Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station
Name
8401 Power Rd, Clinton, IL 61727
Address
 Type Code Symbol Stamp: N/A
 Authorization No: N/A
 Expiration Date: N/A
4. Identification of System: NMS01 Code Class 2
- 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1974 Edition Summ 75 Addenda see remark Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
- (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	Anchor/Darling Valve	E-6214-146-2	N/A	1B21F098B	1978	Replacement	Yes

7. Description: Replaced Bonnet in Valve 1B21F098B

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Exempt ☐ Pressure: 1030 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

ASME Section III Code Cases: 1516.1, 1567, 1622, 1635.1, 1677

Receiving Information:

Bonnet: Cat ID - 1444410; UTC # - 2874739

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed M. J. Bump Engineer
Owner or Owner's Designee, Title

Date 7-7-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 9/27/17 to 7/7/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions

NB #10959 C, I, N, R IC #1721
 National Board, State, Province, and Endorsements

Date

9 JULY, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *on 11/15/18* Data Report No. RF-18-018
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 Date: 7/7/2018
~~4300 Winfield Rd.,~~ Address Warrenville, IL 60555 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
 Name 8401 Power Rd, Clinton, IL 61727 803603-01
 Address 803603-01
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None
 Name 8401 Power Rd, Clinton, IL 61727 Authorization No: Not Applicable
 Address 8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable

4. Identification of System: NSX01 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 74 Edition S75 Addenda see remark Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	ANCHOR DARLING	E-6214-151-2	N/A	1E12F014B	1978	Replacement	No

7. Description: Replaced Valve Disk & Guides (by welding) per EC 353843.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

ASME Section III Code Cases: 1516.1, 1567, 1622, 1635.1, 1677.

Receiving Information:

Disk (Assembly Stem & Disk): Cat ID - 1695365; UTC # - 3067961

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Bary Engineer
Owner or Owner's Designee, Title

Date 7-7-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 2/1/2017 to 7/7/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

Commissions

NB#10989 C, I, N, R I#1721

National Board, State, Province, and Endorsements

Date 16 July, 2018

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Exelon Corporation *Signature* 8/15/18
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 *MMS*
4300 Winfield Rd., Address Warrenville, IL 60555 *8/14/18*
 Date: 7/7/2018
 Sheet 1 of 1
2. Plant: Clinton Power Station
 Name 8401 Power Rd, Clinton, IL 61727
 Address 803606-01
 Repair Organization P.O. No., Job No.
3. Work Performed by: Clinton Power Station
 Name 8401 Power Rd, Clinton, IL 61727
 Address Type Code Symbol Stamp: N/A
Authorization No: N/A
Expiration Date: N/A
4. Identification of System: NSX01 Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case
 Component: 1974 Edition Summ 75 Addenda see remark Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add
 (c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	ANCHOR-DARLING	E-6214-152-2	N/A	1E12F068B	1978	Replacement	No

7. Description: Replaced Disk & Guide (by welding) per EC 353843.

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

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

ASME Section III Code Cases: 1516.1, 1567, 1622, 1635.1, 1677

Receiving Information:

Disc: Cat ID - 1695365; UTC # - 3073003

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Banip Engineer
Owner or Owner's Designee, Title

Date 7-7-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 2/1/2017 to 7/7/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Banip
 Inspector's Signature

Commissions NB#10989 C, I, N, R IL#1721
 National Board, State, Province, and Endorsements

Date 16 July, 2018

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Exempt ☐ Pressure: 20.1 psi Test Temp: N/A °F

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):

N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conform to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

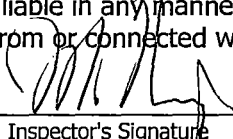
Certificate of Authorization No. N/A

Signed Mirza Bamp Engineer
Owner or Owner's Designee, Title

Date 8-1-, 2018

CERTIFICATE 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 Illinois and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/2018 to 8/1/2018, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.


 Inspector's Signature

Commissions

NB#10989 C, I, N, R IL#1721
 National Board, State, Province, and Endorsements

Date 15 AUGUST, 2018