

Clinton Power Station  
8401 Power Road  
Clinton, IL 61727



U-604237  
August 14, 2015

10CFR50.55a(g)

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 Generation 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 Clinton Power Station, Unit 1, for examinations and repair/replacement activities performed between October 31, 2013 (i.e., end of the 14<sup>th</sup> refueling outage) and May 17, 2015 (i.e., end of the 15<sup>th</sup> refueling outage).

This report is being submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, Paragraph IWA-6230. The 15<sup>th</sup> refueling outage was the second outage in the second 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. Jeffrey Cunningham, Regulatory Assurance Manager, at (217) 937-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "M. Newcomer".

Mark M. Newcomer  
Site Vice President  
Clinton Power Station

JLP/cas

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  
NRC

# **Exelon Corporation**

965 Chesterbrook Blvd., Wayne, PA 19087

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## **INSERVICE INSPECTION SUMMARY REPORT**

**REPORT DATE:** August 14, 2015

**INSERVICE DATE:** April 24, 1987

**REFUELING OUTAGE:** C1R15

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

INSERVICE INSPECTION  
SUMMARY REPORT

C1R15

Prepared by: Mirza Bani / 8-6-2015

Reviewed by: Ryan Kelley / 8/6/2015  
Ozgul Villal / 8/6/2015

Approved by: Frank [Signature] For Bago / 8/12/2015

Concurred by: Mark [Signature] ANTI / 8/12/2015

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## SECTION 1

### INTRODUCTION AND SCOPE

#### INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between October 31, 2013 and May 17, 2015. This is the second inspection performed during the second inspection period of the third ten (10)-year interval. During this Fuel Cycle, CPS experienced three (3) forced outages (C1F56, C1F57, and C1F58), one (1) planned maintenance outage (C1M21), and one (1) planned refueling outage (C1R15). 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. This summary report contains additional augmented (non-ASME Section XI) inspection results not required to be witnessed or verified by the ANII.

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 -- Preservice examinations were performed on bolting associated with the control rod drives.
- Scheduled Inservice Examinations -- The NIS-1 Data Report (Section 2) provides the listing of all examinations completed during C1R15. Conditions noted during C1R15 and corrective measures taken are described in the NIS-1 Data Report.

Snubbers – There are six (6) Design Test Plan Groups (DTPG's) at Clinton. They are DTPG-1, DTPG-2, DTPG-2H, DTPG-3, DTPG-4, and DTPG-6.

An initial sample (10% of each DTPG) of fifty-eight (58) snubbers was selected from the population of five hundred sixty-five (565) snubbers. Only one (1) snubber from this population failed functional testing. The snubber that failed was a DTPG-2H snubber 1FW01012S.

- For the failure of 1FW01012S, four (4) additional DTPG-2H snubbers were selected and tested: 1RT05069S, 1RT02026S, 1RT02078S, and 1RT05052S. No failures occurred in this sample expansion.

In total, ninety-one (91) snubbers were removed from the plant for testing in C1R15.

- Fifty-eight (58) snubbers to meet the 10% ORM representative sample requirement,
- Four (4) DTPG-2H snubbers due to scope expansion,
- Two (2) snubbers that failed functional testing in C1R14,
- One (1) snubber that was degraded in C1R14,
- Twenty-six (26) snubbers for Service Life Monitoring.

In addition:

- Six (6) DTPG-1 snubbers were eliminated,
- One (1) DTPG-2 snubber was eliminated,
- Four (4) DTPG-2H snubbers were eliminated,

In addition to ninety-one (91) snubbers that were tested and visually (VT-3) examined, visual examinations were performed on fifty-six (56) additional snubbers.

- Component Supports – Thirty two (32) component supports (other than snubbers) were scheduled for visual examination for C1R15. All were found acceptable.
- Pressure Tests

ASME Code Class 1 Components – A system leakage test and VT-2 inspection of ASME Code Class 1 components were successfully performed prior to plant startup.

- Repairs and Replacements – During C1R15 no repairs and replacements were required as a result of scheduled examinations. Also during C1R15, there were few modifications performed. The modifications, as well as repairs and replacements which resulted from routine maintenance, are specifically detailed in Section 6 of this report.
- Containment Inservice Inspection – In C1R15, 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 second 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 C1R15.

IWL:

All Class CC components were scheduled and examined in C1R15.



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

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1. Owner Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087

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	B5225	B005056	4442
Piping Systems	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 10/31/13 to 05/17/15

9. Inspection Period Identification 2

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. 15

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.

See Attachment 2.

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 8-12-2015 Signed Exelon Corporation By Mirza Barif  
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 Hartford Steam Boiler of Connecticut have inspected the components described in this owner's report during the period 10/31/13 to 05/17/15, 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 Barif Commissions NB#10989 ANIC IL#1721  
Inspector's Signature National Board, state, province, and endorsements

Date 12 August 2015

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

## ATTACHMENT 1

- |  |   |
|--|---|
| 1. Owner: <u>Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087</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 lists scheduled examinations of components for C1R15. The results column in the table provides further explanation for these examinations. Those items, which were examined, that require no further evaluation are identified as acceptable.

Table 2 lists scheduled visual examinations of component supports. The results column in the table provides further explanation for these examinations/tests. Those items, which were examined/tested, that require no further evaluation are identified as acceptable. The visual examination results of all supports were acceptable.

Table 3 lists visual examinations and functional testing of snubbers. The results column in the table provides further explanation for these examinations/tests. Those items, which were examined/tested, that require no further evaluation are identified as acceptable. For those snubbers, which had unacceptable functional tests, the additional snubbers tested are included in this table and discussed further in attachment 2.

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 Second Period of the Third Interval. Based on the annual refueling outage schedule CPS has four (4) refueling outages, C1R14, C1R15, C1R16, and C1R17 during the Second Period. 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 (Inspection Program B).

TABLE 1



# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

## ATTACHMENT 1

### TABLE 1 Notes

- |  |   |
|--|---|
| 1. Owner: <u>Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087</u> |   |
| 2. Plant: <u>Clinton Power Station, RR3 Box 228, 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 Examinations

#### Note 1:

##### Feedwater Sparger End Bracket Bolt Stops -

During C1R15 examination of the Feedwater Sparger End Bracket Bolt Stops revealed no apparent change in the wear as identified in the previous outages. See Attachment 2 for further discussion.

#### Note 2:

Core Spray Internal piping – In accordance with BWR VIP-18 document, Ultrasonic examinations were performed on the selected welds on Core Spray piping. Indications were recorded on three (3) of these welds (BP2, CP2, and DP2). This is not an ASME Section XI item. See Attachment 2 for further discussion.

#### Note 3:

Steam Dryer Support Brackets – During C1R15 examination of the Steam Dryer Support Brackets revealed no apparent change in the relevant indications on five (5) of the six (6) brackets. The sixth (6<sup>th</sup>) bracket wear pattern shows slight change from what was seen in 2011 (C1R13). See Attachment 2 for further discussion.

#### Note 4:

##### IRM "A" (14-43) -

During C1R15 outage cracking was noted on Dry Tube IRM 'A'. This is not an ASME Section XI item. See Attachment 2 for further discussion.

Note 5:

LPRMs -

During C1R15 unidentified blockage was observed in the upper cooling flow outlet holes on all six (6) LPRMs inspected during C1R15. These are not an ASME Section XI items. See Attachment 2 for further discussion.

Note 6:

Steam Dryer (ID and OD) -

During C1R15 Steam Dryer was inspected and several cracks were identified. During this outage, C1R15, the Steam Dryer was re-examined to monitor the previously identified cracks. There was no apparent change in previously recorded indications identified. However, one indication was observed at 325 deg Access Hole Patch. This indication was seen in C1R12 outage video, it was not recorded as an indication due to camera position. See Attachment 2 for further details. The Steam Dryer is not an ASME Section XI item.

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

## ATTACHMENT 1

TABLE 2

1. Owner: Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087  
 2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727  
 3. Plant Uni: 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 Examinations.

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
903900	1MC-9A	VT-3	F1.10	F-A	1	ACCEPTABLE
906780	1LP03004X	VT-3	F1.20	F-A	2	ACCEPTABLE
908310	1LP04003R	VT-3	F1.20	F-A	2	ACCEPTABLE
909030	4006	VT-3	F1.10	F-A	1	ACCEPTABLE
909150	1H101C(A)	VT-3	F1.10	F-A	1	ACCEPTABLE
909155	1H101C(B)	VT-3	F1.10	F-A	1	ACCEPTABLE
909310	1MS07002G	VT-3	F1.20	F-A	2	ACCEPTABLE
912020	1RH01005A	VT-3	F1.10	F-A	1	ACCEPTABLE
912205	1RH06008R	VT-3	F1.10	F-A	1	ACCEPTABLE
913105	1RH09021R	VT-3	F1.20	F-A	2	ACCEPTABLE
913370	1RH08028V	VT-3	F1.20	F-A	2	ACCEPTABLE
913705	1RH04001R	VT-3	F1.20	F-A	2	ACCEPTABLE
913710	1RH04002X	VT-3	F1.20	F-A	2	ACCEPTABLE
913890	1RH11001V	VT-3	F1.20	F-A	2	ACCEPTABLE
913900	1RH11006A	VT-3	F1.20	F-A	2	ACCEPTABLE
916735	1RH07074X	VT-3	F1.20	F-A	2	ACCEPTABLE
917300	1RH04018G	VT-3	F1.20	F-A	2	ACCEPTABLE
919145	1RI01010W	VT-3	F1.10	F-A	1	ACCEPTABLE
920265	1RI08002G	VT-3	F1.20	F-A	2	ACCEPTABLE
921220	1SD270-SP13	VT-3	F1.20	F-A	2	ACCEPTABLE
922005	1B302A	VT-3	F1.40	F-A	1	ACCEPTABLE
922255	1H352A	VT-3	F1.10	F-A	1	ACCEPTABLE
923000	1RT01001C	VT-3	F1.10	F-A	1	ACCEPTABLE
923030	1RT01007R	VT-3	F1.10	F-A	1	ACCEPTABLE
923040	1RT01009G	VT-3	F1.10	F-A	1	ACCEPTABLE
923180	1RT01028X	VT-3	F1.10	F-A	1	ACCEPTABLE
923215	1RT01088A	VT-3	F1.10	F-A	1	ACCEPTABLE
940725	1SX01004R	VT-3	F1.30	F-A	3	ACCEPTABLE
941790	1SX02007R	VT-3	F1.30	F-A	3	ACCEPTABLE
942595	1SX20001V	VT-3	F1.30	F-A	3	ACCEPTABLE
942965	1SX10010R	VT-3	F1.30	F-A	3	ACCEPTABLE
945010	1SX22003A	VT-3	F1.30	F-A	3	ACCEPTABLE

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
903800	1FW02011S	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
903830	1FW01012S	VT-3/FT		F1.10	F-A	1	FT UNACCEPTABLE
906030	1MS38028S	VT-3/FT		NA	NA	1	ACCEPTABLE
909010	1S102A	VT-3		F1.10	F-A	1	ACCEPTABLE
909015	1S103A	VT-3		F1.10	F-A	1	ACCEPTABLE
909025	1S105A	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
909070	1S102B	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
909075	1S103B	VT-3		F1.10	F-A	1	ACCEPTABLE
909080	1S104B	VT-3		F1.10	F-A	1	ACCEPTABLE
909085	1S105B	VT-3		F1.10	F-A	1	ACCEPTABLE
909090	1S106B	VT-3		F1.10	F-A	1	ACCEPTABLE
909095	1S107B	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
909100	1S108B	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
909165	1S101C	VT-3		F1.10	F-A	1	ACCEPTABLE
909170	1S102C	VT-3		F1.10	F-A	1	ACCEPTABLE
909175	1S103C	VT-3		F1.10	F-A	1	ACCEPTABLE
909180	1S104C	VT-3		F1.10	F-A	1	ACCEPTABLE
909190	1S106C	VT-3		F1.10	F-A	1	ACCEPTABLE
909260	1S102D	VT-3		F1.10	F-A	1	ACCEPTABLE
909265	1S103D	VT-3		F1.10	F-A	1	ACCEPTABLE
909270	1S104D	VT-3		F1.10	F-A	1	ACCEPTABLE
909275	1S105D	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
909289	1RB31516S	VT-3/FT		NA	NA	1	ACCEPTABLE
909295	1RB31514S	VT-3/FT		NA	NA	1	ACCEPTABLE
912085	1RH04012S	VT-3		F1.10	F-A	1	ACCEPTABLE
912090	1RH04013S	VT-3		F1.10	F-A	1	ACCEPTABLE
912110	1RH04058S	VT-3		F1.10	F-A	1	ACCEPTABLE
912115	1RH04059S	VT-3		F1.10	F-A	1	ACCEPTABLE
912275	1RH06022S	VT-3		F1.10	F-A	1	ACCEPTABLE
919130	1RI01007S	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
919155	1RI01012W	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
919266	1RI08017S	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
922120	1S369A	VT-3		F1.10	F-A	1	ACCEPTABLE
922130	1S371A	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
922140	1S373A	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
922150	1S375A	VT-3/FT		F1.10	F-A	1	ACCEPTABLE
922620	1S369B	VT-3		F1.10	F-A	1	ACCEPTABLE

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION**

**ATTACHMENT 1**

**TABLE 3**

<b>1. Owner:</b> Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087
<b>2. Plant:</b> Clinton Power Station, RR3 box 228, Clinton, IL 61727
<b>3. Plant Uni:</b> 1 <b>4. Owner Certificate of Authorization:</b> N/A
<b>5. Commercial Service Date:</b> 4-24-87 <b>6. National Board Number for Unit:</b> N/A

**13/14. Abstract of Examinations: Listing of Scheduled Examinations.**

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
922630	1S371B	VT-3	F1.10	F-A	1	ACCEPTABLE
922640	1S373B	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923075	1RT01015S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923160	1RT01024S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923200	1RT01084W	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
903876	1HG15010S	VT-3/FT	NA	NA	2	ACCEPTABLE
903878	1HG16011S	VT-3/FT	NA	NA	2	ACCEPTABLE
903880	1HG01007S	VT-3/FT	NA	NA	2	ACCEPTABLE, SEE NOTE 2
903882	1HG01015S	VT-3/FT	NA	NA	2	ACCEPTABLE, SEE NOTE 2
906240	1HP04006S	VT-3	F1.20	F-A	2	ACCEPTABLE
906280	1HP08006S	VT-3	F1.20	F-A	2	ACCEPTABLE
906300	1HP08025S	VT-3	F1.20	F-A	2	ACCEPTABLE
906640	1HP03013S-DN	VT-3	NA	NA	2	ACCEPTABLE
906660	1HP03013S-UP	VT-3	NA	NA	2	ACCEPTABLE
906698	1IS01046S	VT-3/FT	NA	NA	2	ACCEPTABLE
906714	1IS01053S	VT-3/FT	NA	NA	2	ACCEPTABLE
906722	1IS01040S	VT-3/FT	NA	NA	2	ACCEPTABLE
909332	1RB21598S	VT-3/FT	NA	NA	2	ACCEPTABLE
909360	1RB21597S	VT-3/FT	NA	NA	2	ACCEPTABLE
909368	1RB24575S	VT-3/FT	NA	NA	2	ACCEPTABLE
909376	1MS38093S	VT-3/FT	NA	NA	2	ACCEPTABLE
913005	1RH09089S-W	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913150	1RH09088S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913185	1RH09029S	VT-3	F1.20	F-A	2	ACCEPTABLE
913195	1RH09031S	VT-3	F1.20	F-A	2	ACCEPTABLE
913200	1RH09032S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913205	1RH09033S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913355	1RH08024S	VT-3	F1.20	F-A	2	ACCEPTABLE
913390	1RH08066S	VT-3	F1.20	F-A	2	ACCEPTABLE
913410	1RH08070S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913415	1RH08071S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913430	1RH08111S	VT-3	F1.20	F-A	2	ACCEPTABLE
913480	1RH07065S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913590	1RH08032S	VT-3	F1.20	F-A	2	ACCEPTABLE
913635	1RH08076S	VT-3	F1.20	F-A	2	ACCEPTABLE
913640	1RH08077S	VT-3	F1.20	F-A	2	ACCEPTABLE
913665	1RH08082S	VT-3	F1.20	F-A	2	ACCEPTABLE

TABLE 3

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
910165	1MS26008S	VT-3/FT	NA	NA	3	ACCEPTABLE
910620	1MS34005S	VT-3/FT	NA	NA	3	ACCEPTABLE
910635	1MS34008S	VT-3/FT	NA	NA	3	ACCEPTABLE
910645	1MS34010S	VT-3/FT	NA	NA	3	ACCEPTABLE
910650	1MS34011S	VT-3/FT	NA	NA	3	ACCEPTABLE
910700	1MS28004S	VT-3/FT	NA	NA	3	ACCEPTABLE
911010	1MS36006S	VT-3/FT	NA	NA	3	ACCEPTABLE
911190	1MS31007S	VT-3/FT	NA	NA	3	ACCEPTABLE
911260	1MS10806S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911265	1MS10808S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911280	1MS10705S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911285	1MS10706S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911290	1MS10907S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911295	1MS10909S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
911300	1MS10910S	VT-3/FT	NA	NA	3	ACCEPTABLE, SEE NOTE 1
924050	1RT06014S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
924065	1RT06022S	VT-3/FT	NA	NA	3	ACCEPTABLE
924080	1RT06033S	VT-3/FT	NA	NA	3	ACCEPTABLE
924160	1RT05069S	VT-3/FT	NA	NA	3	ACCEPTABLE
924215	1RT05052S	VT-3/FT	NA	NA	3	ACCEPTABLE
924950	1RT02078S	VT-3/FT	NA	NA	3	ACCEPTABLE
925050	1RT05006S	VT-3/FT	NA	NA	3	ACCEPTABLE
925300	1RT02026S	VT-3/FT	NA	NA	3	ACCEPTABLE
941185	1SX01032S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
947260	1SX19001S	VT-3	NA	NA	3	ACCEPTABLE
947280	1SX19014S	VT-3	NA	NA	3	ACCEPTABLE
915495	1RH08009S	VT-3/FT	NA	NA	D	ACCEPTABLE
915500	1RH08014S	VT-3/FT	NA	NA	D	ACCEPTABLE
915505	1RH08015S	VT-3/FT	NA	NA	D	ACCEPTABLE
915510	1RH08100S	VT-3	NA	NA	D	ACCEPTABLE
947760	1FW03013S	VT-3/FT	NA	NA	D	ACCEPTABLE
948060	1MS07005S	VT-3/FT	NA	NA	D	ACCEPTABLE
903854	1DG06017S	VT-3/FT	NA	NA	O	ACCEPTABLE
949000	1VG09001S	VT-3	NA	NA	O	ACCEPTABLE
949020	1VG10012S	VT-3	NA	NA	O	ACCEPTABLE
949400	1VG12005S	VT-3	NA	NA	O	ACCEPTABLE

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION**

**ATTACHMENT 1**

**TABLE 3 Notes**

- |  |   |
|--|---|
| 1. Owner: <u>Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087</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 Examinations**

Note 1: Snubbers 1MS10705S, 1MS10706S, 1MS10806S, 1MS10808S, 1MS10907, 1MS10909S, and 1MS10910S have been removed from the system per EC 392952.

Note 2: Snubbers 1HG01007S and 1HG01015S have removed from the system per EC 398527.

Note 3: Snubbers 1RH17002S and 1RH17007S have removed from the system per EC 397737.



FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 4

1. Owner: Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, 8401 Power Road, Clinton, IL 61727	
3. Plant Uni: 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 Examinations.

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, 965 Chesterbrook Blvd., Wayne, PA 19087</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 Examinations**

**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.

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

## ATTACHMENT 2

- |   |  |
|---|--|
| 1. Owner: Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087 |  |
| 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     |

### 15. Abstract of Examinations:

#### Examinations:

##### **Feedwater Sparger End Bracket Bolt Stops –**

Condition Noted - During C1R15 examination of the Feedwater Sparger End Bracket Bolt Stops revealed no apparent change in wear as identified in the previous outages except at location FSB-2. The FSB-2 bolt has rotated slightly clockwise and appears to show slight wear on the vessel side of the bracket.

Corrective Measures - Clinton Power Station has evaluated this wear and justified continued operation.

##### **Core Spray Internal Piping –**

In accordance with the VIP-18, BWR Core Spray Internals Inspection and Evaluation Guidelines, Ultrasonic examinations were performed on the accessible areas of the selected welds on Core Spray Internal Piping.

Condition Noted – Indications were identified on three (3) of these welds, BP2, CP2, and DP2. A small growth in weld CP2 since C1R13 (2011) was identified.

Crack Growth Analysis – Crack Growth analysis was performed to demonstrate the structural integrity of the internal piping for continued operation for the next 48 months.

Leakage Rate Calculation – Separate leakage rate calculations were performed to demonstrate that the required amount of water can be transported to the core with the existing condition including crack growth.

##### **Steam Dryer Support Brackets –**

Condition Noted - During C1R15 examination of the Steam Dryer Support Brackets revealed no apparent change in the relevant indications on five (5) of the six (6) brackets. The sixth (6<sup>th</sup>) bracket wear pattern shows slight change from what was seen in 2011 (C1R13).

Corrective Measures - Clinton Power Station has evaluated this wear and justified continued operation.

#### **IRM "A" (14-43) -**

Condition Noted - During this outage, C1R15, cracking was observed on Dry Tube IRM "A" (14-43).

Corrective Measures - Clinton Power Station has evaluated this cracking and justified continued operation.

#### **LPRMs -**

Condition Noted - During this outage, C1R15, blockage was observed in the upper cooling flow outlet holes on all six (6) LPRMs inspected. These are not ASME Section XI items.

Corrective Measures - Clinton Power Station has evaluated this condition and justified continued operation.

#### **Steam Dryer (ID and OD) -**

Condition Noted - During C1R15 Steam Dryer was inspected and several cracks were identified. During this outage, C1R15, the Steam Dryer was re-examined to monitor the previously identified cracks. There was no apparent change in previously recorded indications. However, one indication was observed at 325 deg Access Hole Patch (OD). This indication was seen in C1R12 outage video, but it was not recorded as an indication due to camera position. The Steam Dryer is not ASME Section XI item.

Corrective Measures - Clinton Power Station has evaluated these indications and justified continued operation.

#### **C1R15 Snubber Functional Testing and Visual Examinations:**

There are six (6) Design Test Plan Groups (DTPG's) at Clinton. They are DTPG-1, DTPG-2, DTPG-2H, DTPG-3, DTPG-4, and DTPG-6.

An initial sample (10% of each DTPG) of fifty-eight (58) snubbers was selected from the population of five hundred sixty-five (565) snubbers. Only one (1) snubber from this population failed functional testing. The snubber that failed was a DTPG-2H snubber 1FW01012S.

- For the failure of 1FW01012S, four (4) additional DTPG-2H snubbers were selected and tested: 1RT05069S, 1RT02026S, 1RT02078S, and 1RT05052S. No failures occurred in this sample expansion.

In total, ninety-one (91) snubbers were removed from the plant for testing in C1R15.

- Fifty-eight (58) snubbers to meet the 10% ORM representative sample requirement,
- Four (4) DTPG-2H snubbers due to scope expansion,
- Two (2) snubbers that failed functional testing in C1R14,
- One (1) snubber that was degraded in C1R14,
- Twenty-six (26) snubbers for Service Life Monitoring.

In addition:

- Six (6) DTPG-1 snubbers were eliminated,
- One (1) DTPG-2 snubber was eliminated,
- Four (4) DTPG-2H snubbers were eliminated,

In addition to ninety-one (91) snubbers that were tested and visually (VT-3) examined, visual examinations were performed on fifty-six (56) additional snubbers.

#### **DTPG-1 Snubbers:**

There are eighty-nine (89) DTPG-1 snubbers in the CPS ISI Program. As required, nine (9) of these were selected for functional testing under the initial 10% sample plan. None of the sample plan snubbers failed functional testing. One (1) DTPG-1 snubber (1RH17002S) was tested due to failing in C1R14. This snubber passed its functional test.

Five (5) out of nine (9) from sample plan had PMs performed on them. The remaining four (4) were replaced with like for like new snubbers.

Additionally, thirteen (13) DTPG-1 snubbers were selected for service life monitoring (SLM). Only one (1) snubber (1RT06014S) from this group failed functional testing and was replaced. Failure of this snubber did not result in a scope expansion. No DTPG-1 snubbers were identified as degraded during C1R15. Eight (8) out of thirteen (13) snubbers were replaced with like for like new snubbers.

Six (6) DTPG-1 snubbers were eliminated in C1R15 (1MS10705S, 1MS10808S, 1MS10907S, 1MS10909S, 1MS10910S, and 1RH17002S). This reduces the DTPG-1 population from 89 to 83 snubbers.

- 1RT06014S Failure Analysis:  
This snubber failed the acceleration test in tension. Snubber was disassembled to determine failure cause. Gummy grease was found on the shaft assembly and rod & bearing assembly. Torque carrier and shaft assembly end was mushroomed on the inertia mass end where shaft meets the ball bearing in the housing.

### **DTPG-2 Snubbers:**

There are two-hundred thirty-eight (238) DTPG-2 snubbers in the CPS ISI Program. Twenty-four (24) DTPG-2 snubbers were selected for testing under the initial 10% sample plan. None of the sample plan snubbers failed functional testing. None of the DTPG-2 snubbers tested in C1R15 were classified as degraded.

All twenty-four (24) snubbers from the sample plan were PM'd for SLM. In addition, one (1) snubber was tested as part of SLM. This snubber passed its functional test and was then eliminated from the plant.

### **DTPG-2H Snubbers:**

There are seventy-nine (79) DTPG-2H snubbers in the CPS ISI Program. Eight (8) were selected for testing under the initial 10% sample plan. One (1) snubber (1FW01012S) failed functional testing and was replaced. As required, four (4) additional snubbers, 1RT05069S, 1RT02026S, 1RT02078S, and 1RT05052S, were selected as part of the 5% scope expansion. No failures resulted from this scope expansion.

Six (6) of these were replaced with like for like new snubbers. PM was performed on one (1) snubber. No DTPG-2H snubbers were noted as degraded in C1R15.

- **1FW01012S Failure Analysis:**

This snubber failed the drag test in tension. Snubber was disassembled to determine failure cause. The presence of dry powdery grease throughout the unit and vibration marks on the thrust bearing assembly are indicative of exposure to high temperature and vibration. The dried grease and vibration wear are most likely the cause of the drag test failure.

Nine (9) DTPG-2H snubbers were selected for SLM. None of these snubbers failed functional testing. Four (4) DTPG-2H snubbers were eliminated in C1R15 (1HG01015S, 1HG01007S, 1MS10706S, and 1MS10806S). This reduces the DTPG-2H population from 79 to 75 snubbers. PM was performed on four (4) snubbers and two (2) snubbers were replaced with like for like new snubbers.

### **DTPG-3 Snubbers:**

There are one hundred and seventeen (117) DTPG-3 snubbers in the CPS ISI Program. Twelve (12) were selected for testing under the initial 10% sample plan. All 12 passed their functional tests. No DTPG-3 snubbers were noted as degraded in C1R15. No DTPG-3 snubbers were selected for SLM.

### **DTPG-4 Snubbers (Mechanical Struts, PSB 0.05 snubber):**

There are four (4) DTPG-4 mechanical struts in the CPS ISI Program. One (1) DTPG-4 mechanical strut (1RI01012W) was selected for testing under the initial 10% sample plan. This mechanical strut passed its functional test.

No DTPG-4 snubbers were selected for SLM.

**DTPG-6 Snubbers:**

There are thirty-eight (38) DTPG-6 snubbers in the CPS ISI Program. Four (4) were selected for testing under the initial 10% sample plan. All four (4) snubbers passed their functional tests. These four hydraulic snubbers were replaced with rebuilt (seals and hydraulic fluid replaced) hydraulic snubbers. One (1) DTPG-6 snubber (1S102B) was tested due to failing in C1R14. This snubber passed its functional test.

An additional four (4) other DTPG-6 snubbers were tested and replaced with rebuilt hydraulic snubbers for SLM in C1R15. All four (4) of these snubbers tested satisfactorily.





## SECTION 3

### LISTING OF EXAMINATION AND TESTING PROCEDURES

PROCEDURE NUMBER	TITLE	REV. / VER.	DRR
386HA480	Certification of Nondestructive Test Personnel	Rev. 26	
GEH-ADM-1001	Procedure for Performing Linearity Checks on Ultrasonic Instruments	Ver. 7	
GEH-ADM-1002	Procedure for Nondestructive Examination Data Review and Analysis of Recorded Indications	Ver. 5	
GE-ADM-1005	Procedure for Zero Reference and Data Recording for Nondestructive Examinations	Ver. 0	
GEH-ADM-1025	Procedure for Training and Qualification of Personnel for GE Energy, Nuclear Specialized NDE Applications	Ver. 14	12-06
GEH-ADM-1059	Computer Measurements of Digitized Images	Ver. 5	
GEH-ADM-1061	Administrative Procedure for In-vessel Inspection (IVVI)	Ver. 7	14-19
GEH-ADM-1079	Guideline for Implementation and Use of the Customer Notification Form (CNF)	Ver. 0	13-15
GEH-ADM-1082	Virus Control for Non-Core Load Assets	Ver. 1	13-16
GEH-ADM-1090	Procedure for Post Use Verification of Surface Thermometers	Ver. 0	
GEH-PDI-UT-1	PDI Generic Procedure for the Ultrasonic Examination of Ferritic Pipe Welds	Ver. 8	
GEH-TP-308A	Procedure for Operation and Maintenance of the Manual Core Spray Piping Inspection Tool (CSI)	Ver. 0	
GEH-UT-113	Ultrasonic Examination of Babbitted Bearings	Ver. 2	
GEH-UT-511	Procedure for the Automated Ultrasonic Examination of Core Spray Piping Welds Contained within the Reactor Pressure Vessel	Ver. 16	08-04 09-12
GEH-UT-601	Procedure for Ultrasonic Thickness Measurements for Flow Accelerated Corrosion (FAC)	Ver. 7	
GEH-VT-206	Procedure for In-vessel Visual Inspection (IVVI) of BWR 6 RPV Internals	Ver. 15	15-22/ 15-27 / 15-28
BPI-9-XI	Basic PSA Inc. Nondestructive Examination VT – Personnel	6	N/A
TR-954	Basic PSA Inc. Operation Procedure for the Barker/Diacon S400NM Snubber Test Machine	4	N/A
ER-AA-335-002	Liquid Penetrant Examination	8	N/A
ER-AA-335-003	Magnetic Particle Examination	6	N/A
ER-AA-335-005	Radiographic Examination	5	N/A
ER-AA-335-014- 2004	VT-1 Visual Examination in Accordance with ASME 2004 Edition	0	N/A

## SECTION 3

### LISTING OF EXAMINATION AND TESTING PROCEDURES

PROCEDURE NUMBER	TITLE	REV./ VER.	DRR
ER-AA-335-015- 2004	VT-2 Visual Examination in Accordance with ASME 2004 Edition	0	N/A
ER-AA-335-016	VT-3 Visual Examination of Component Supports, Attachments and Interiors of Reactor Vessel	9	N/A
ER-AA-335-017	VT-3 Visual Examination of Pump and Valve Internals	8	N/A
CPS 9843.02	Operational Pressure Testing of Class 1, 2, and 3 Systems	43	N/A



## SECTION 4

### LISTING OF EXAMINATION AND TESTING PERSONNEL

Name	Title	MT	PT	UT	VT	1,2,3	Comments
Erickson, Scott	Project Level III	III	III	III	III	VT-1,2,3	None
Albrecht, Randy	BOP Lead	II	II	II	II	VT-1,2,3	UT: Non-Section XI, APP VII or PDI
Frencl, David	BOP Lead	II	II	II-L	II	VT-1,2,3	UT: Thickness and Straightbeam Only
Pinti, Robert	BOP Level II	II	II	II	II	VT-1,2,3	UT: Non-Section XI, APP VII or PDI
Robideau, Travis	BOP Level II	II	II	II-L	II	VT-1,2,3	UT: Thickness and Straightbeam Only
Rumfelt, Charles	BOP Level II	II	II	N/A	II	VT-1,2,3	None
Vidrih, Tomaz	BOP Level II	II	II	II	II	VT-1,2,3	None
Hubbard, Matthew	BOP LII Turbine Lead	II	II	II	II	VT-1,2,3	UT: Non-Section XI, APP VII or PDI
Reid, Wallace	BOP LII Turbine Lead	II	II	II	II	VT-	None
Congdon, Chad	BOP Level II Turbine	II	II	II	II	VT-1,2,3	None
Vidrih, Crt	BOP Level II	II	II	II	II	VT-1,2,3	None
Burns, Billy	BOP LII Supports / Snubbers	II-L	II	N/A	II	VT-1,2,3	MT: Yoke Only
Shamblin, Philip	BOP LII Supports / Snubbers	III	III	III	III	VT-1,2,3	None
Myers, Greg	BOP LII Containment ISI	II	II	II-L	II	VT-1,2,3	UT: Thickness Only
Scott, Tim	BOP LII	II	II	II-L	II	VT-1,2,3	UT: Thickness and

	Conatainment ISI						Straightbeam Only
Gets, R. Scott	FAC Lead	N/A	N/A	II	N/A	N/A	UT: Non-Section XI, APP VII or PDI
Davis, Philip	FAC Data Controller	II	II	II	II	VT-1,2,3	None
Frimpter, Brian	FAC Data Controller	N/A	N/A	II-L	N/A	N/A	UT: Thickness and Straight Beam Only
Fish, Kenneth	FAC Level II	II	I-T	II	I	VT-1,2,3	None
Fish, Russell	FAC Level II	N/A	N/A	II-L	N/A	N/A	UT: Thickness and Straight Beam Only
Hubbard, Joshua	BOP LII Turbine Lead	II	II	II	II	VT-1,2,3	UT: Non-Section XI, APP VII or PDI
Johnson, Jimmy	FAC Level II	N/A	N/A	II	N/A	N/A	None
Nash, Marvin	FAC Level II	II	II	II	II	VT-1,2,3	UT: Non-Section XI, APP VII or PDI
Reisewitz, Jack	FAC Level II	II	II	II	II	VT-1,2,3	PT: Visible Dye Only
Ressler, Brett	FAC Level II	N/A	N/A	II-L	N/A	N/A	UT: Thickness and Straight Beam Only
Sizemore, Terry	FAC Level II	I	I-T	II-L	N/A	N/A	UT: Thickness and Straight Beam Only
Stec, Paul	FAC Level II	I-T	II	II-L	I	VT-1,2,3	UT: Thickness and Straight Beam Only
Way, Nicolas	FAC Level II	N/A	N/A	II-L	N/A	N/A	UT: Thickness and Straight Beam Only
Dorosko, Robert	MCSI Lead Engineer	N/A	N/A	N/A	N/A	N/A	Not Certified
Rachal, Andre	MCSI DA	N/A	N/A	III	N/A	N/A	None
Crane, Marty	MCSI Operator	N/A	N/A	II	N/A	N/A	None
Liendo, Oscar	MCSI Operator	II-L	II	II	II	VT-1,2,3	MT: Yoke Only
Bowland, Gerald	MCSI ET	N/A	N/A	N/A	N/A	N/A	Not Certified
Church, Jeffrey	MCSI ET	N/A	N/A	N/A	N/A	N/A	Not Certified
Allen, Thomas Jr.						VT-1,3 / II-L	Limited to IVVI Inspections

Anderson, Edward J.						VT-1,3 / III-L	COE
Anderson, Michael J.						VT-1,3 / III-L	None
Barrier, James L.						VT-1,3 / II-L	Limited to IVVI Inspections
Berry, Kenneth J.						VT-1,3 / II-L	Limited to IVVI Inspections
Buehler, Philip L.						VT-1,3 / II-L	Limited to IVVI Inspections
Clemmons, Patrick D.						VT-1,3 / II-L	Limited to IVVI Inspections
Conneely, John J.						VT-1,3 / II-L	Limited to IVVI Inspections
Croom, Justin						VT-1,3 / II-L	Limited to IVVI Inspections
Deronde, Matthew D.						VT-1,3 / III-L	Limited to IVVI Inspections
Duncan, Bradley						VT-1,3 / II-L	Limited to IVVI Inspections
Edwards, Keith						VT-1,3 / III-L	Limited to IVVI Inspections
Gartsu, Michael J.						VT-1,3 / II	None
Greene, Donald						VT-1,3 / II-L	Limited to IVVI Inspections
Grix, David J.						VT-1,3 / II-L	Limited to IVVI Inspections
Holmes, George Jr.						VT-1,3 / II-L	Limited to IVVI Inspections
Joffe, Nicholas V						VT-1,3 / III-L	Limited to IVVI Inspections
Kee, Jon F.						VT-1,3 / III-L	Limited to IVVI Inspections
Kidd, Casey J.						VT-1,3 / II-L	Limited to IVVI Inspections
Lanckton, Jeffrey R.						VT-1,3 / II-L	Limited to IVVI Inspections

Martinez, Kelly E.						VT-1,3 / II-L	Limited to IVVI Inspections
McFarlane, Nicholas I.						VT-1,3 / II-L	Limited to IVVI Inspections
McNeil, Daniel T						VT-1,3 / III-L	Limited to IVVI Inspections
Migliara, Michael J.						VT-1,3 / II-L	Limited to IVVI Inspections
Overton, John T. (Tyler)						VT-1,3 / II-L	Limited to IVVI Inspections
Poirier, David A.						VT-1,3 / II-L	Limited to IVVI Inspections
Poteat, Stephen						VT-1,3 / II-L	Limited to IVVI Inspections
Rogers, David						VT-1,3 / II-L	Limited to IVVI Inspections
Sandoval, Alex						VT-1,3 / II-L	Limited to IVVI Inspections
Schardien, Steven						VT-1,3 / II-L	Limited to IVVI Inspections
Skipper, Jonathan						VT-1,3 / II-L	Limited to IVVI Inspections
Spiller-Banks, Donald						VT-1,3 / II-L	Limited to IVVI Inspections
Starnes, Jason						VT-1,3 / II-L	Limited to IVVI Inspections
Thomas, David						VT-1,3 / III-L	COE
Urban, Michael						VT-1,3 / II-L	Limited to IVVI Inspections
Wall, Eddie						VT-1,3 / III-L	COE
Waller, Benjamin						VT-1,3 / II-L	Limited to IVVI Inspections
Whalen, Starling						VT-1,3 / II-L	Limited to IVVI Inspections
Young, Michael						VT-1,3 / II-L	Limited to IVVI Inspections

Clark, Charles		III	III		III	VT-1,2,3	
Wheet, Elford		II	II		II	VT-1,2,3	
Szymkiewicz, Dave					II	VT-2	
Culp, Craig					II	VT-2	
Combs, Jeff					II	VT-2	
Kelley, Rayan					II	VT-2	
Burda, Kevin					II	VT-2	
Primeaux, Joe					II	VT-2	
Villarreal, Oziel					II	VT-2	
Cummings, Dan					II	VT-2	
Grim, Jonathan					II	VT-2	
Lukach, Greg					II	VT-2	
Lux, Greg					II	VT-2	
Cassat, Thomas					II	VT-3	
Thomas, Norman					II	VT-3	
Pollyea, Seth					II	VT-3	
Stiles, Mark					II	VT-3	





# SECTION 5

## Vendor Supplied LISTING OF EXAMINATION AND TESTING EQUIPMENT

Equipment	SN	Mfg	Size	Model
<b>Auto Systems</b>				
Core Spray Auto	166929	Zetec	N/A	MicroTomo
<b>Reference</b>				
Reference Block	CAL-STEP-083	Flaw Tech	N/A	CS Step Wedge
Reference Block	CAL-STEP-117	Flaw Tech	N/A	CS Step Wedge
Reference Block	CAL-STEP-136	Flaw Tech	N/A	CS Step Wedge
Reference Block	CAL-STEP-175	Flaw Tech	N/A	CS Step Wedge
Reference Block	CAL-STEP-180	Flaw Tech	N/A	CS Step Wedge
Reference Block	CB-05-22 304SS	Flaw Tech	N/A	Core Spray
Reference Block	CSI-REF-001 304SS	DuBose National	N/A	Core Spray
<b>Thermometers</b>				
Thermometer	12071749	Extech Instruments	N/A	42511
Thermometer	12128625	Extech Instruments	N/A	42511
Thermometer	12128638	Extech Instruments	N/A	42511
Thermometer	12128640	Extech Instruments	N/A	42511
Thermometer	12128660	Extech Instruments	N/A	42511
Thermometer	12129507	Extech Instruments	N/A	42511
Thermometer	12129508	Extech Instruments	N/A	42511
Thermometer	12129510	Extech Instruments	N/A	42511
Thermometer	12129516	Extech Instruments	N/A	42511
Thermometer	130803613	Extech Instruments	N/A	42511
Thermometer	130803614	Extech Instruments	N/A	42511
<b>Transducers</b>				
Transducer	01JP68	KBA	0.375"/Round	F
Transducer	02-208	RTD	(ø1/4") 1/4"L	2x60° T2.25-Aust
Transducer	05-46	RTD	(ø1/4") 1/4"L	2x60° T2.25-Aust
Transducer	026R10	KBA	0.25"/Round	F
Transducer	026W34	KBA	0.25"/Round	F
Transducer	13C01EKT	KBA	0.25"/Round	F
<b>IVVI Equipment</b>				
IVVI	VVT-TRGT-231	N/A	N/A	IVVI SRCS
IVVI	VVT-TRGT-404	N/A	N/A	IVVI SRCS
IVVI	VVT-TRGT-421	N/A	N/A	IVVI SRCS
IVVI	VVT-TRGT-431	N/A	N/A	IVVI SRCS



Equipment	SN	Mfg	Size	Model
<b>Utility</b>				
<b>MT Materials</b>				
<b>Powder</b>				
Powder	04K076	Magnaflux	N/A	Red 8A
Powder	09K021	Magnaflux	N/A	Yellow #2
Powder	11K021	Magnaflux	N/A	Red 8A
<b>Yokes</b>				
Yoke	2092	Parker Research	N/A	B-300
Yoke	8871	Parker Research	N/A	B-300
<b>PT Materials</b>				
<b>Cleaner</b>				
Cleaner	11C09K	Magnaflux	N/A	SKC-S
Cleaner	13M12K	Magnaflux	N/A	SKC-S
<b>Developer</b>				
Developer	13A02K	Magnaflux	N/A	SKD-S2
<b>Penetrant</b>				
Penetrant	13E13K	Magnaflux	N/A	SKL-SP2
<b>UT Materials</b>				
Couplant	09225	Sonotech	N/A	Ultrigel II
Couplant	11225	Sonotech	N/A	Ultrigel II
<b>Calibration Blocks</b>				
Calibration Block	CB-02-140	N/A	N/A	CS
Calibration Block	UT-BB-01	N/A	N/A	CS
Calibration Block	08-6499	N/A	N/A	CS
<b>Thermometers</b>				
Thermometer	000289532	N/A	N/A	N/A
<b>Transducers</b>				
Transducer	00FX07	KBA	0.25"/Round	Comp-G
Transducer	SC1493	KBA	0.25"/Round	Comp-G
Transducer	SD1092	KBA	0.375"/Round	Comp-G
Transducer	SD1107	KBA	0.375"/Round	Comp-G
<b>Scopes</b>				
UT Scope	0240HY	GEIT	USN60 SW	C1R15-012 / C1R15-043
UT Scope	0240RH	GEIT	USN60 SW	C1R15-013 / C1R15-046



## **Section 6**

### **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 are 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 6

### Repair and Replacement Summary

NIS-2 Number	Class	Description
RF-15-001	3	Replaced Valve 1SX014C
RF-15-002	2	Modified Standby Liquid Control System Storage Tank Manway per EC 379759.
RF-15-003	3	Installed test lugs on OD surface on Line Numbers 1SX27AB-14" & 1SX17AC-4".
RF-15-004	3	Replaced Valve 1SX019B.
RF-15-005	3	Replaced Division 3 SX Pump 1SX01PC.
RF-15-006	1	Replaced Spring in a Spare SRV.
RF-15-007	1	Replaced Spring in a Spare SRV. Also, installed one (1) helicoil.
RF-15-008	1	Replaced Spring in a Spare SRV.
RF-15-009	2	Replaced Rupture Disk in 1E51D001.
RF-15-010	2	Replaced Rupture Disk in 1E51D002.
RF-15-011	3	Installed test lugs on OD surface on Line Number 1SX02AA-30".
RF-15-012	2	Replaced Relief Valve 1C41F029A.
RF-15-013	1	Replaced Bolting in RCIC Flange to Support Refueling Activities.
RF-15-014	1	Replaced Trigger Assembly in Valve 1C41F004B.
RF-15-015	2	Relocated the existing Valve 1E21F025, Installed New Piping, Tee, & a valve (1E21F374) And a new Hanger 1LP04040G per EC 392341.
RF-15-016	1	Replaced SRV 1B21F047A for Testing. Also Replaced 12 Inlet & 13 Outlet Studs.
RF-15-017	1	Replaced SRV 1B21F047C for Testing. Also Replaced 12 Inlet Studs, 3 Inlet Hydranuts, & 11 Outlet Studs.
RF-15-018	1	Replaced SRV 1B21F047D for Testing. Also Replaced 12 Inlet & 6 Outlet Studs.

## Section 6

### Repair and Replacement Summary

NIS-2 Number	Class	Description
RF-15-019	1	Replaced SRV 1B21F051D for Testing. Also Replaced 12 Inlet & 4 Outlet Studs.
RF-15-020	1	Replaced SRV 1B21F041F for Testing. Also Replaced 12 Inlet & 6 Outlet Studs.
RF-15-021	1	Replaced SRV 1B21F041G for Testing. Also Replaced 12 Inlet & one (1) Hydranut.
RF-15-022	3	Replaced Valve 1SX011B.
RF-15-023	3	Installed New Piping, Tee, Flanges (Studs & Nuts) & a valve (1SX354B) And a new Hanger 1SX08021G per EC 394037.
RF-15-024	3	Replaced Valve Plug in Valve 1SX027C.
RF-15-025	2	Replaced Three (3) Mechanical Snubbers 1RH09087S, 1RH09088S, and 1RH09089S-W.
RF-15-026	2	Replaced Valve 1VR006B.
RF-15-027	3	Removed Two (2) Snubbers 1MS10705S & 1MS10706S and one Spring Can And Installed a New Sway Strut 1MS10706X per EC 392952.
RF-15-028	3	Removed Two (2) Snubbers 1MS10806S & 1MS10808S and one Spring Can And Installed a New Sway Strut 1MS10806X per EC 392952.
RF-15-029	3	Removed Three (3) Snubbers 1MS10907S, 1MS10909S, & 1MS10910S and one Spring Can And Installed a New Sway Strut 1MS10909X per EC 392952.
RF-15-030	2	Removed New Relief Valve 1C41F029A installed early in C1R15 and Reinstalled Old Valve.
RF-15-031	2	Implemented EC 397737 to eliminate Snubbers 1RH17002S and 1RH17007S And Installed a Sway Strut 1RH17007X.
RF-15-032	2	Implemented EC 398527 and eliminated Snubbers 1HG01007S & 1HG01015S.
RF-15-033	1	Replaced a Mechanical Snubber, 1MS38028S.
RF-15-034	1	Replaced a Mechanical Snubber 1RB31516S.
RF-15-035	2	Replaced a Mechanical Snubber 1RH62037S.

## Section 6

### Repair and Replacement Summary

NIS-2 Number	Class	Description
RF-15-036	2	Replaced a Mechanical Snubber 1RI02008S.
RF-15-037	3	Replaced Three (3) Mechanical Snubbers 1RT06014S, 1RT06022S, and 1RT06033S.
RF-15-038	1	Replaced a Mechanical Snubber 1FW01012S.
RF-15-039	2	Replaced a Mechanical Snubber 1RI02003S.
RF-15-040	1	Replaced a Mechanical Snubber 1RI08017S.
RF-15-041	1	Replaced a Mechanical Snubber 1RT01015S.
RF-15-042	3	Replaced Two (2) Mechanical Snubbers 1RT02026S and 1RT02078S.
RF-15-043	3	Replaced Two (2) Mechanical Snubbers 1RT05052S and 1RT05069S.
RF-15-044	1	Replaced Four (4) Hydraulic Snubbers 1S105A, 1S105D, 1S107B, and 1S108B.
RF-15-045	1	Replaced Four (4) Hydraulic Snubbers 1S371A, 1S373A, 1S373B, and 1S375A.
RF-15-046	3	Replaced a Load Pin on Snubber 1SX01032S.
RF-15-047	1	Replaced Seventeen (17) CRDMs.



**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  
Address

Data Report No. RF-15-001  
Date: 3/19/2014

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1213560-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, 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: 1974 Edition W76 Addenda \* 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	FISHER	19040424	7579	1SX014C	2009	Replacement	Yes

7. Description: Replaced Valve 1SX014C due to seat leakage.

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):

\* - ASME Sec III Code Case 1774-1

Receiving Information:

Valve: Cat ID - 1144946; UTC # - 2842641

**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. R. B. Engineer  
Owner of Owner's Designee Title

Date 3-19-, 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 State of Province of Illinois and employed by HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 3/6/2013 to 3/25/2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 10989 A, N, I, C I 1721  
Date 25 MARCH, 2014  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-002  
Date: 3/26/2014  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1331300-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSC01

Code Class 2 <sup>MMB</sup><sub>3-26-14</sub>

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
Component: 1974 Edition Summ 74 Addenda 1682 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
T	Boeing Co.	1010	10	1C41A001	1975	Replacement	Yes

7. Description: Modified Standby Liquid Control System Storage Tank Manway per EC 379759.

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:

Plate SS: Cat ID - 1153382; UTC # - 2945440  
Plate SS: Cat ID - 1153416; UTC # - 2112341  
Plate SS: Cat ID - 1443000; UTC # - 2870072  
Pipe 1/2 in. SS: Cat ID - 1153144; UTC # - 2697679  
Plate SS: Cat ID - 1153383; UTC # - 2118533  
Bar Round 3/4 in. SS: Cat ID - 1437455; UTC # - 2876033  
Bar Round 3/8 in. SS: Cat ID - 1153321; UTC # - 2957393  
Rod Threaded: Cat ID - 37067; UTC # - 2882094  
Nut Heavy Hex: Cat ID - 1395006; UTC # - 2944845  
Rod Ground 5/8 in. SS: Cat ID - 1466831; UTC # - 2949002

**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 3-26-2014

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 11/3/2012 to 3/26/2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB# 10789 A, N, I, C IL# 1721

Date 27 MARCH  
Inspector's Signature [Signature], 2014

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-003

Date: 10/20/2014

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

1623081-05 & 11  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NSX07 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	N/A	NSX07	1986	Replacement	Yes

7. Description: Installed test lugs on OD surface on Line numbers 1SX27AB-14" & 1SX17AC-4".

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:

Test Lugs - Cat ID - 1153391; UTC # - 2928069

**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 Bay Engineer  
Owner or Owner's Designee Title

Date 10-20, 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 State of Province of Illinois and employed by HSB Global Standard of CT have inspected the components described in this Owner's Report during the period to 10/20/2014, 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.

Adam M. Smith Commissions 13911 ANIC IL 214C 1C  
Date October 24, 2014  
Inspector's Signature National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-004  
Date: 11/18/2014  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1431142-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSX08

Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N240 Code Case  
Component: 1974 Edition S76 Addenda NONE 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 NONE

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	Enertech	12389	NA	1SX019B	1992	Replacement	Yes

7. Description: Replaced Valve.

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:

Valve - Cat ID - 1146593; UTC # - 2962536

**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 Ba Engineer  
Owner or Owner's Designee, Title

Date 11-18, 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 State of Province of Illinois and employed by HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 4/14/2014 to 11/24/2014, 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.

Mirza Ba Commissions NB#10989 A, N, I, C IL#1721  
Date 11/24 Inspector's Signature, 2014

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-005  
Date: 1/20/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1769847-10  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, 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: 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 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
P	Sulzer Pumps	463565	-	1SX01PC	2013	Replacement	Yes

7. Description: Replaced Division 3 SX Pump.

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:

Pump: Cat ID - 1444228; UTC # - 2916867

Bolting: Cat ID - 0037092; UTC # - 2959378

Bolting: Cat ID - 1151725; UTC # - 2110777

**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. Engineer  
Owner or Owner's Designee, Title

Date 1-20-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/18/14 to 1/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10987 ANIC IC#1725  
Date 2 February, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-006  
Date: 4/25/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
NWS Traveller 10-4 PO 456045  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NA Code Class 1

5(a) Applicable Construction Code Pipe: N/A Edition N/A Addenda N/A Code Case  
Component: 1974 Edition S76 Addenda NONE 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 NONE

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	DIKKERS	160537	42	SPARE SRV	1979	Replacement	Yes

7. Description: Replaced Spring. It came from another Clinton SRV S/N 160539. Spring S/N is 263065 57.

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):

See NWS Technologies NVR-1 Report.

**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 H. V. B. B. Engineer  
Owner or Owner's Designee, Title

Date 4-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 4/10/2015 to 4/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB-10981 AISC 10-1721

Date 27 APRIL  
Inspector's Signature, 20 15

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-007  
Date: 4/25/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
NWS Traveller 10-11 PO 456045  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NA Code Class 1

5(a) Applicable Construction Code Pipe: N/A Edition N/A Addenda N/A Code Case  
Component: 1974 Edition S76 Addenda NONE 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 NONE

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	DIKKERS	160946	239	SPARE SRV	1979	Replacement	Yes

7. Description: Replaced Spring. Spring S/N is 263095 32. Installed (1) helicoil.

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):

Spring came from another Clinton SRV S/N 160790. Spring S/N is 263095 32. Installed (1) helicoil, Cat ID 1141557 2; UTC 2107339. See NWS Technologies NVR-1 Report.

**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 Baraj Engineer  
Owner or Owner's Designee, Title

Date 4-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 11/23/11 to 4/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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]  
Date 27 April, 2015  
Inspector's Signature

Commissions NB#10989 ANLC IL#1721

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-008  
Date: 5/3/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

NWS Traveller 15-212 PO 456045  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NA Code Class 1

5(a) Applicable Construction Code Pipe: N/A Edition N/A 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
V	DIKKERS	160941	188	SPARE SRV	1979	Replacement	Yes

7. Description: Replaced Spring. Spring S/N 263095 64.

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):

Spring came from another Clinton SRV S/N 160781. See NWS Technologies NVR-1 Report.

**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 Banj Engineer  
Owner or Owner's Designee, Title

Date 5-3-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 4/30/15 to 5/3/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989 A,N,I,C IL#1721  
Date 4 MAY, 2015 Inspector's Signature

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-009  
Date: 5/18/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1688815-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NRI01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition nmer 1974 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
<del>X</del>	BS&B SAFETY	81001839-2	NA	1E51D001	1984	Replacement	Yes
Rupture Disk MMB S-27-1S							

7. Description: Replaced Rupture Disk.

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:

Disk: Cat ID - 179922; UTC Number - 3073815

**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  
Owner or Owner's Designee, Title

Date 5-27-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/16/14 to 6/2/2015, and state that to the best of my knowledge and belief,

the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 A, N, I, C IC#1721

Date 2 June  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-010  
Date: 5/27/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1688818-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NRI01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
Component: 1974 Edition Summ 74 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
<del>X</del> Rupture Disk MMB 5-27-15	BS&B SAFETY	81001839-2	NA	1E51D002	1984	Replacement	Yes

7. Description: Replaced Rupture Disk.

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:

Disk: Cat ID - 179922; UTC # - 3073815

**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 Banp Engineer  
Owner or Owner's Designee, Title

Date 5-27-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/16/14 to 6/2/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#10989 A,N,I,C IL#1721  
Date 2 June, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-011  
Date: 6/4/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1652678-14  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSX07

Code Class 3 *MHB 8-12-15 JMT AUT 8/12/15*

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 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
Pipe	Southwest Fab	N/A	NA	NSX07	1984	Replacement	Yes

7. Description: Install test lugs on OD surface on Line 1SX02AA-30".

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:

Test Lugs: Cat ID - 1153391; UTC # - 2928069.

**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 6-4-2015

**CERTIFICATE OF INSERVICE INSPECTION**

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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 4/7/2014 to 6/4/2015, and state that to the best of my knowledge and belief,

the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be 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. Bani Commissions NB#10989 ANIC IL#1721

Date 10 JUNE  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-012  
Date: 6/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1689063-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSC01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case  
Component: 1977 Edition Summer77 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
V	A. G. Crosby	N99660-00-0005	N/A	1C41F029A	2015	Replacement	Yes

7. Description: Replaced relief valve for Inservice Testing

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:

Relief Valve: Cat ID - 1389688; UTC # - 3086430

**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 6-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/12/2014 to 6/10/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989AN, I, C IC#1721  
Date 10 JUNE, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-013  
Date: 6/15/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1712186-02  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NRI03 Code Class 1

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
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NRI03	1986	Replacement	Yes

7. Description: Replaced Bolting due to not easily removed and had to be cut out for refueling activities.

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.

Receiving info:

Studs: Cat ID - 1396465; UTC # - 3080061.

Nuts: Cat ID - 1394991; UTC # - 2953628

**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 Banip Engineer  
Owner or Owner's Designee, Title

Date 6-15-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/4/15 to 6/15/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 22 June, 2015  
Inspector's Signature

Commissions NB#10989A, N, I, C L-1721

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-014  
Date: 6/22/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1689057-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSC01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Case  
Component: 1977 Edition S77 Addenda NONE 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 Trigger Assembly.

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:

Cat ID - 1148279; UTC # - 3075919

**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 Muza Banj Engineer  
Owner or Owner's Designee, Title

Date 6-22-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/17/2014 to 6/22/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 A,N,I,C #1721

Date 24 JUNE  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-015  
Date: 6/23/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1690874-01 & 02  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NLP01 Code Class 2

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
PP	Illinois Power	PIPING SYSTEM	NA	NLP01	1985	Replacement	Yes

7. Description: Implemented EC 392341.

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):

Relocated the existing valve 1E21F025. Installed new piping, tee, and a new valve 1E21F374.  
Also, installed a new component support, 1LP04040G.

Receiving Information:

Tee: Cat ID - 1430721; UTC # - 3071439

Pipe: Cat ID - 1145898; UTC # - 2849341

Valve: Cat ID - 1145111; UTC # - 2112521

For Component Support:

Plate: Cat ID - 1150173; UTC # - 3073010

Square Tubing: Cat ID - 1153351; UTC # - 2790083

Angle: Cat ID - 1152758; UTC # - 2843923

Angle: Cat ID - 1147831; UTC # - 2921197

**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 Banj Engineer  
Owner or Owner's Designee, Title

Date 6-23-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 11/24/14 to 6/23/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989 A, N, I, C IL#1721

Date 10 August  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-016  
Date: 6/23/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1347634-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1

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
V	DIKKERS	160792	58	1B21F047A	1978	Replacement	Yes

7. Description: Replaced SRV for testing. Also replaced 12 inlet studs and 13 outlet studs.

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:

SRV: Cat ID - 1100042; UTC # - 2567639

Inlet Studs (12 each): Cat ID - 1145887; UTC # - 2904422

Outlet Studs (13 each): Cat ID - 1145888; UTC # - 2800087

**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 6-23-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/15/14 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989 A, N, I, C IL#1721  
Date 24 June, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-017  
Date: 6/24/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1347640-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1

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
V	DIKKERS	160946	239	1B21F047C	1980	Replacement	Yes

7. Description: Replaced SRV for testing. Also replaced 12 inlet studs, 3 inlet hydranuts, and 11 outlet studs.

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:

SRV: Cat ID - 1100042; UTC # - 2567642

Inlet Studs (12): Cat ID - 1145887; UTC # - 2903248

Inlet Hydrant Nuts (3): Cat ID - 1406870; UTC # - 2884270

Outlet Studs (11): Cat ID - 1145888; UTC # - 2800087

~~Outlet Nuts (x): Cat ID - ; UTC # -~~ *MMB -12-15 9mHANE 8/12/15*

**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 Banj Engineer  
Owner or Owner's Designee, Title

Date 6-24-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 7/15/14 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989A, N.I.C. IC#1721  
Date 24 June, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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-15-018  
Name  
965 Chesterbrook Blvd., Wayne, PA 19087  
Address  
Date: 6/24/2015  
Sheet 1 of 1  
Unit: 1  
2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address  
1347641-01  
Repair Organization P.O. No., Job No.  
3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address  
Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1  
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
V	DIKKERS	160786	53	1B21F047D	1978	Replacement	Yes

7. Description: Replaced SRV for testing, Also replaced 12 Inlet Studs and 6 Outlet Studs.

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:

SRV: Cat ID - 1100042; UTC # - 3086622

Inlet Studs (12): Cat ID - 1145887; UTC # - 2904422

Outlet Studs (11): Cat ID - 1145888; UTC # - 2800087

MMB  
8-12-15 G. GIBBANE  
8/12/15

**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 Ban Engineer  
Owner or Owner's Designee, Title

Date 6-24-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/15/14 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 A, N, I, C IL#1721

Date 24 June, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-019  
Date: 6/24/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1347643-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S75 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
V	DIKKERS	160793	63	1B21F051D	1978	Replacement	Yes

7. Description: Replaced SRV for testing. Also replaced 12 Inlet Studs and 4 Outlet Studs.

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:

SRV: Cat ID - 1100043; UTC # - 2567659

Inlet Studs (12): Cat ID - 1145887; UTC # - 2904422

Outlet Studs (4): Cat ID - 1145888; UTC # - 2800087

**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 6-24-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 6/14/2014 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 24 June, 2015  
Inspector's Signature

Commissions NB#10989 A,N,I,C IL#1721

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-020  
Date: 6/24/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1348069-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1

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
V	DIKKERS	160537	42	1B21F041F	1978	Replacement	Yes

7. Description: Replaced SRV for testing. Also replaced 12 Inlet Studs and 6 Outlet Studs.

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:

SRV: Cat ID - 1100041; UTC # - 2558177

Inlet Studs (12): Cat ID - 1145887; UTC # - 2903248, 3088088, and 2829668

Outlet Studs (11): Cat ID - 1145888; UTC # - 2800087 and 2799444

HMB  
8-12-15 G 9mm AWS  
8/12/15

**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 Ban Engineer  
Owner or Owner's Designee, Title

Date 6-24-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/13/14 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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]  
Date 26 June, 2015  
Inspector's Signature

Commissions NB#10789 N,N,LC IL#1721

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-021  
Date: 6/24/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1348070-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NGE02 Code Class 1

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
V	DIKKERS	160941	188	1B21F041G	1979	Replacement	Yes

7. Description: Replaced SRV for testing. Also replaced 12 Inlet studs and one Inlet Hydrant.  
MHB 8-12-15 9022 AMI 8/12/15

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:

SRV: Cat ID - 1100041; UTC # - 2567653

Inlet Studs (12): Cat ID - 1145887; UTC # - 2904422

Inlet Hydranut Nuts (1): Cat ID - 1406870; UTC # - 2849914

**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 6-24, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 2/3/2014 to 6/24/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10981 IL#1721  
Date 26 June, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-022  
Date: 6/30/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

357076-01  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NSX07 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case  
Component: 1974 Edition W76 Addenda 1774-1 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	POSI-SEAL	S2424F-01B	NA	1SX011B	1986	Replacement	Yes

7. Description: Replaced valve due to seat leakage.

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 Info: -

Valve: Cat ID - 1145780; UTC # - 2640758

Studs: Cat ID - 1151807; UTC # - 2100760

Nuts: Cat ID - 1152022; UTC # - 2729309

**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 Banif Engineer  
Owner or Owner's Designee, Title

Date 6-30-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/17/14 to 6/30/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB#10989 A, N, I, C. IL#1721

Date 1 JULY, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-023  
Date: 6/30/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1690878-01 & 26  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
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: 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
PP	Illinois Power	PIPING SYSTEM	NA	NSX08	1986	Replacement	Yes

7. Description: Impleted EC 394037 to install Piping, Tee, Manual Valve, & hanger for FLEX/Fukushima Project.

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:

Valve: Cat ID - 1432737; UTC # - 2848650

Flange: Cat ID - 24841; UTC # - 2889577

Pipe: Cat ID - 1153193; UTC # - 2913533

Tee: Cat ID - 1466005; UTC # - 3075043

Studs: Cat ID - 1396491; UTC # - 3068976

Nuts: Cat ID - 1147289; UTC # - 2100397

Component Support:

Plate: Cat ID - 1424262; UTC # - 3073263

Rectangular Tubing: Cat ID - 685640; UTC # - 3085301

Angle: Cat ID - 1152758; UTC # - 2843923

Angle: Cat ID - 1147831; UTC # - 2921197

**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 6-30-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 2/25/2015 to 6/30/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NS\*10989ANIC IL#1721

Date 12 AUGUST, 20 15  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Data Report No. RF-15-024  
Date: 7/2/2015  
Sheet 1 of 1  
Unit: 1  
1318901-01  
Repair Organization P.O. No., Job No.

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NSX04 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
V	FISHER	7419894	5670	1SX027C	1980	Replacement	Yes

7. Description: Replaced Valve Plug.

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 Info:

Plug: Cat ID - 1145742; UTC # - 2104210

**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 Maria B. [Signature] Engineer  
Owner or Owner's Designee, Title

Date 7-2-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 10/8/2014 to 7/2/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989 A,N,I,C IC#1721  
Date 15 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements



# **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  
 Address

Data Report No. RF-15-025

Date: 8/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1

1702791-40,41,42

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

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NRH09 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case  
 Component: 1974 Edition S75 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	Basic PSA	19259	N/A	1RH09087S	1985	Replacement	Yes

7. Description: Replaced Snubbers 1RH09087S, 1RH09088S, & 1RH09089S-W to support Snubber Testing Program.

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:

1RH09087S - New S/N 19259, this snubber was originally installed at 1FC01016S location

1RH09088S - New S/N 27218, this snubber was originally installed at 1DG06017S location

1RH09089S-W - New S/N 13718, this snubber was originally installed at 1RT08007S location

**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 Baq Engineer  
Owner or Owner's Designee, Title

Date 8-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT 5/5/2015 have inspected the components described in this Owner's Report during the period 8/8/2015 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be 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. Baq Commissions NB#10989 ANIC IL#1721  
Date 8 AUGUST, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-026  
Date: 7/6/2015  
Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1341870-02  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable

4. Identification of System: NVR01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case  
Component: 1980 Edition Summ 82 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	Clow Corporation	92-2127-01(N) 01	N/A	1VR006B	1985	Replacement	Yes

7. Description: Replaced Valve due to seat leakage.

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:

Valve: Cat ID - 1144944; UTC # - 2108431

**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 7-6-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 3/22/2011 to 7/6/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10789 A, N, E, C IL#1721

Date 15 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
 Address

Data Report No. RF-15-027

Date: 7/7/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1

1704346-02

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

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NMS107 Code Class 3

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

Component: 1974 Edition Summ 74 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
Comp Supp	Pacific PSA	SN3981-2	N/A	1MS10706X	2015	Replacement	Yes

7. Description: Implemented EC 392952.

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):

Removed the Following Snubbers:

1MS10705S using W/O 1711896-06

1MS10706S using W/O 1689106-03

Also removed a variable hanger 1MS10707V using W/O 1704346-02.

Added a sway strut 1MS10706X using W/O 1704346-02.

Receiving Info:

Sway Strut: Cat ID - 1469656; UTC # - 3065367

**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 Banj Engineer  
Owner or Owner's Designee, Title

Date 7-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/18/14 to 7/22/2015, and state that to the best of my knowledge and belief,

the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 ANJC IL #1721

Date 24 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

# **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  
Address

Data Report No. RF-15-028  
 Date: 7/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1704346-06  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NMS108 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1974 Edition Summ 74 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
Comp Supp	Basic PSA	SN3981-3	-	1MS10806X	2015	Replacement	Yes

7. Description: Implemented EC 392952.

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):

Removed the Following Snubbers:

1MS10806S using W/O 1689106-02

1MS10808S using W/O 1711896-02

Also removed a variable hanger 1MS10807V using W/O 1704346-06

Added a Sway Strut 1MS10806X using W/O 1704346-06

Receiving Info:

Sway Strut: Cat ID - 1469657; UTC # - 3065368

**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 Banif Engineer  
Owner or Owner's Designee, Title

Date 7-8, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 9/18/2014 to 7/22/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 ANIC IL#1721

Date 24 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements



# **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  
 Address

Data Report No. RF-15-029  
 Date: 7/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1  
1704346-10  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NMS109 Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1974 Edition Summ 74 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
Comp Supp	Pacific PSA	SN3981-1	N/A	1MS10909X	2015	Replacement	Yes

7. Description: Implemented EC 392952

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):

Removed the Following Snubbers:

1MS10907S using W/O 1711896-04

1MS10909S using W/O 1711896-03

1MS10910S using W/O 1711896-10

Also removed a variable hanger using W/O 1704346-10

Added a Sway Strut 1MS10909X using W/O 1704346-10

Receing Info:

Sway Strut: Cat ID - 1469655; UTC # - 3065366

**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 Ming Bao Engineer  
Owner of Owner's Designee, Title

Date 7-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 7/18/14 to 7/22/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB\*10987 ANIC IL#1721

Date 24 July  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

**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 Address

Data Report No. RF-15-030  
Date: 7/9/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1689063-06  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NSC01 Code Class 2

5(a) Applicable Construction Code	Pipe:	1974 Edition Summer74 Addenda	N/A Code Case
	Component:	1977 Edition Summer77 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	A. G. Crosby	N99660-00-0002	N/A	1C41F029A	2004	Replacement	Yes

7. Description: Removed new Relief Valve installed early in C1R15 and Reinstalled old valve.

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):

Removed new Relief Valve installed early in C1R15 and Reinstalled old valve. New Relief Valve was leaking thru the nozzle.

**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 Rami Engineer  
Owner or Owner's Designee, Title

Date 7-9-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/13/15 to 7/9/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#18989 ASIC IC#1721  
Date 20 July, 2015 Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address
2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
- Data Report No. RF-15-031  
Date: 7/23/2015  
Sheet 1 of 1  
Unit: 1  
1731967 & 1731968  
Repair Organization P.O. No., Job No.
- Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
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 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
PP	Basic PSA	PIPING SYSTEM	N/A	1RH17007X	2015	Replacement	Yes

7. Description: Implemented EC 397737 to eliminate Snubbers 1RH17002S & 1RH17007S and installed 1RH17007X Sway Strut

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:

Sway Strut 1RH17007X: Cat ID - 1697079; UTC # - 3075837

**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 Banj Engineer  
Owner or Owner's Designee, Title

Date 7-23-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/23/2014 to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#10989A, N, I, C IL1721  
Date 27 JULY, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

# **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  
Address

Data Report No. RF-15-032  
 Date: 7/25/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1748261-01 & 02  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NHG01 Code Class 2

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
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NHG01	1986	Replacement	Yes

7. Description: Implemented EC 398527 and eliminated Snubbers 1HG01007S & 1HG01015S.

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):

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 Miyazaki Engineer  
Owner or Owner's Designee Title

Date 7-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 3/17/2015 to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB#19789A, N.I.C. IL1721

Date 27 July  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements



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):

Replaced Snubber 1MS38028S.

Receiving Info:

Cat ID: 1151218; UTC # - 3074671

**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 Ramp Engineer  
 Owner or Owner's Designee, Title

Date 7-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 3/17/15 to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10789 AN, ISC IL#1721

Date 27 July  
 Inspector's Signature, 20 15

National Board, State, Province, and Endorsements

**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  
 Address

Data Report No. RF-15-034  
 Date: 7/25/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1

1711896-30  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NNB01 Code Class 1

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
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NNB01	1986	Replacement	Yes

7. Description: Replaced Snubber 1RB31516S.

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):

Replaced Snubber 1RB31516S.

Receiving Info:

Cat ID - 1151218; UTC # - 3074672

**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 Barf Engineer  
Owner or Owner's Designee, Title

Date 7-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 3/17/2015 to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10789 ASIC 264721

Date 29 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-035  
 Date: 7/25/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

1711896-22  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 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 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
PP	ILLINOIS POWER	PIPING SYSTEM	N/A	NRH01	1985	Replacement	Yes

7. Description: Replaced Snubber 1RH62037S.

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):

Replaced Snubber 1RH62037S.

Receiving Info:

Cat ID - 1151216; UTC # - 3074655

**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 Designee, Title

Date 7-25-, 2015

**CERTIFICATE 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 HSB Global Standard of 3/17/15 have inspected the components described in this Owner's Report during the period to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#10989 ANIC LU#121

Date 10 August, 2015  
 Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-036  
 Date: 7/25/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1711896-25  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NRI01

Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case  
 Component: 74 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
PP	ILLINOIS POWER	PIPING SYSTEM	N/A	NRI01	1986	Replacement	Yes

7. Description: Replaced Snubber 1RI02008S.

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):

Replaced Snubber 1RI02008S.

Receiving Info:

Cat ID - 1151218; UTC # - 3074674

**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 Designee, Title

Date 7-25-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 3/17/15 to 7/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB#10989 A, N, I, C IL#1721  
Date 27 JULY, 2015 Inspector's Signature

National Board, State, Province, and Endorsements



**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  
Address

Data Report No. RF-15-037

Date: 7/25/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

1711896-31, 32, 33  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: NRT05 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
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NRT05	1986	Replacement	Yes

7. Description: Replaced Snubbers 1RT06014S, 1RT06022S, & 1RT06033S.

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):

Replaced Snubbers 1RT06014S, 1RT06022S, & 1RT06033S.

Receiving Info:

1RT06014S - Cat ID - 1151218; UTC # - 3074673

1RT06022S - Cat ID - 1151218; UTC # - 3074670

1RT06033S - Cat ID - 1151218; UTC # - 3074669

**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.iza Bani  
Owner or Owner's Designee, Title:

Date 7-25, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 3/17/2015 to 7/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB#10989 ANIC 10\*1721

Date 29 July, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

# **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  
Address
2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
- Data Report No. RF-15-038  
Date: 8/8/2015  
Sheet 1 of 1  
Unit: 1  
1689106-36  
Repair Organization P.O. No., Job No.
- Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable
4. Identification of System: FW Code Class 1
- 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
Component: 1974 Edition Summ 74 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	Basic Engineer	7761	NA	1FW01012S	1986	Replacement	Yes

7. Description: Replace Snubber 1FW01012S to support Snubber Testing Program.

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 Info:

1FW01012S - S/N 7761, this snubber was originally installed at 1MS33006SS location

**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. R. B. Engineer  
Owner or Owner's Designee, Title

Date 8-8, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/6/15 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NC#10989 ANIC IL#1721  
Date August 8, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address

Data Report No. RF-15-039

Date: 8/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

1689106-54

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

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

**Expiration Date:** Not Applicable

4. Identification of System: RI Code Class 2

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

Component: 1974 Edition Summ 74 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	Basic Engineer	45608	NA	NRI02	2014	Replacement	Yes

7. Description: Replace Snubber 1RI02003S to support Snubber Testing Program

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 Info:

1RI02003S - Cat ID - 1151214; UTC # - 3074660

**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 Bani Engineer  
Owner or Owner's Designee, Title

Date 8-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/4/2015 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

9 AUGUST Date Inspector's Signature, 2015 Commissions NB#10989 A, N, E, C IC#1721  
National Board, State, Province, and Endorsements

# **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  
Address

Data Report No. RF-15-040  
 Date: 8/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1689106-57  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: RI Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1974 Edition Summ 74 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	Basic PSA	45601	NA	RI	2014	Replacement	Yes

7. Description: Replaced Snubber 1RI08017S to support Snubber Testing Program.

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 Info:

1RI08017S - Cat ID - 1151214; UTC # - 2961409

**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 Rafiq Engineer  
Owner or Owner's Designee, Title

Date 8-8, 2015

**CERTIFICATE 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 HSB Global Standard of CT 5/4/15 have inspected the components described in this Owner's Report during the period 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#10989 ANIS IL4721  
Date 16 August, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements



# **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  
Address

Data Report No. RF-15-041  
 Date: 8/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1  
1689106-26  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: RT Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1974 Edition Summ 74 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	Baic PSA	45610	N/A	1RT01015S	2014	Replacement	Yes

7. Description: Replaced Snubber 1RT01015S to support Snubber Testing Program.

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 Info:

1RT01015S - Cat ID - 1151214; UTC # - 3074663

**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 8-8, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/4/2015 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions N 3#10989 ANIC IL#1721  
Date 10 AUGUST, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

**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  
Address
2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
- Data Report No. RF-15-042  
Date: 8/8/2015  
Sheet 1 of 1  
Unit: 1  
1689106-29 & 30  
Repair Organization P.O. No., Job No.
- Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable
4. Identification of System: RT Code Class 3
- 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
Component: 1974 Edition Summ 74 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	Basic PSA	45602	N/A	1RT02026S	2014	Replacement	Yes

7. Description: Replaced Snubbers 1RT02026S & 1RT02078S to support Snubber Testing Program.

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 Info:

1RT02026S - Cat ID - 1151214; UTC # - 2961410

1RT02078S - Cat ID - 1151214; UTC # - 3074664

**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 8-8-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/8/15 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 11 AUGUST  
Inspector's Signature, 20 15

Commissions NS#10989 A,N,I,C IL#1721

National Board, State, Province, and Endorsements

# **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  
 Address

Data Report No. RF-15-043  
 Date: 8/8/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1  
1689106-35 & 20  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: RT Code Class 3

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1974 Edition Summ 74 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	Basic PSA	45609	NA	1RT05052S	2014	Replacement	Yes

7. Description: Replaced Snubbers 1RT05052S & 1RT05069S to support Snubber Testing Program.

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 Info:

1RT05052S - Cat ID - 1151214; UTC # - 3074662

1RT05069S - S/N 19136 - this snubber was originally installed at 1RH09088S location

**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. V. B. B.  
Owner or Owner's Designee Title

Date 8-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 5/8/15 to 8/8/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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]  
Date 10 AUGUST  
Inspector's Signature, 2015

Commissions NB#10989 ANIC IC#1721

National Board, State, Province, and Endorsements

# **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-15-044  
Name  
965 Chesterbrook Blvd., Wayne, PA 19087  
Address Date: 8/8/2015  
 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1  
Name  
RR3, Box 228, Clinton, IL 61727  
Address 1713853-19,20,21,22  
Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: None  
Name Authorization No: Not Applicable  
RR3, Box 228, Clinton, IL 61727 Expiration Date: Not Applicable  
Address

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda: N/A Code Case  
 Component: 1974 Edition Wint 77 Addenda: See Note 1 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	E System	008E50	N/A	1S105A	1986	Replacement	Yes

7. Description: Replaced Four (4) Hydraulic Snubbers.

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):

Replaced Four Hydraulic Snubbers 1B21G006S105A, 105D, 107B, & 108B

Receiving Info:

1S105A - S/N 008E50 - this Snubber was originally installed in location 1S370B

1S105D - S/N 011E50 - this Snubber was originally installed in location 1S104A

1S107B - S/N 007E50 - this Snubber was originally installed in location 1S370A

1S108B - S/N 018E70 - this Snubber was originally installed in location 1S108C

Note 1 - Code Cases utilized - 1644-8, 1682-1, 1706, and N-242.

**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 Bani Engineer  
Owner or Owner's Designee, Title

Date 8-8-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/1/15 to 8/9/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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]  
Date 10 AUGUST, 2015  
Inspector's Signature

Commissions NB#10181 A,N,I,C IC#1721

National Board, State, Province, and Endorsements



**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  
 Address

Data Report No. RF-15-045  
 Date: 8/8/2015  
 Sheet 1 of 1

2. Plant: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Unit: 1  
1713853-07,10,13,16  
 Repair Organization P.O. No., Job No.

3. Work Performed by: Clinton Power Station  
 Name  
RR3, Box 228, Clinton, IL 61727  
 Address

Type Code Symbol Stamp: None  
 Authorization No: Not Applicable  
 Expiration Date: Not Applicable

4. Identification of System: NGE01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case  
 Component: 1977 Edition Winter 77 Addenda See Note 1 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	E System	017E70	NA	1S371A	1986	Replaced	Yes

7. Description: Replaced Four (4) Hydraulic Snubbers

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):

Replaced Four (4) Hydraulic Snubbers 1B33G006S371A, 373A, 373B, and 375A.  
1S371A - S/N 017E70 - this Snubber was originally installed in location 1S108B  
1S373A - S/N 006E70 Manufactured in 4/85 - this Snubber was originally installed in location 1S373B  
1S373B - S/N 006E70 Manufactured in 4/81 - this Snubber was originally installed in location 1S102B  
1S375A - S/N 005E70 - this Snubber was originally installed in location 1S105C

Note 1 - Code Cases utilized - 1644-8, 1682-1, 1706, and N-242.

**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  
Owner or Owner's Designee, Title

Date 8-8-2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period 5/9/15 to 8/9/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB#10989 A, N, I, C I#1721

Date 10 August  
Inspector's Signature, 20 15

National Board, State, Province, and Endorsements

# **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  
Address

Data Report No. RF-15-046

Date: 8/9/2015

Sheet 1 of 1

2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Unit: 1

1689106-51

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

3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address

Type Code Symbol Stamp: None

Authorization No: Not Applicable

Expiration Date: Not Applicable

4. Identification of System: SX Code Class 3

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

Component: 1974 Edition Summ 74 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	Basic PSA	N4205	N/A	1SX01032S	1986	Replacement	Yes

7. Description: Replaced a Load Pin on Snubber 1SX01032S.

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):

Replaced a Load Pin on Snubber 1SX01032S.

Receiving Info:

Load Pin - Cat ID - 1152638; UTC # - 2677795

**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 Barir Engineer  
Owner or Owner's Designee Title

Date 8-9-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 5/11/2015 to 8/9/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

CMR Commissions NO 1789A, N, I, C II 1721  
Date 10 AUGUST, 2015  
Inspector's Signature

National Board, State, Province, and Endorsements

# **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  
Address
2. Plant: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
3. Work Performed by: Clinton Power Station  
Name  
RR3, Box 228, Clinton, IL 61727  
Address
- Data Report No. RF-15-047  
Date: 8/9/2015  
Sheet 1 of 1  
Unit: 1  
1689074 - 01 thru 17  
Repair Organization P.O. No., Job No.
- Type Code Symbol Stamp: None  
Authorization No: Not Applicable  
Expiration Date: Not Applicable
4. Identification of System: NGE01 Code Class 1
- 5(a) Applicable Construction Code Pipe: N/A Edition N/A Addenda N/A Code Case  
Component: 1971 Edition Summ 73 Addenda See Note 1 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
T	CB&I	Various	Various	1B13D008	1978	Replacement	Yes

7. Description: Replaced Seventeen (17) CRDMs during C1R15.

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):  
Replaced Seventeen (17) Control Rod Drive Mechanisms (CRDMs) during C1R15.  
Code Cases for Construction Code - 1141, 1332, 1361-2, 1557-1, and N-207  
See Continuation Sheet for Material Procurement Data.

**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 8-9-, 2015

**CERTIFICATE 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 HSB Global Standard of CT have inspected the components described in this Owner's Report during the period of 9/24/14 to 8/9/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 NO#10989 ANIC IL#1721

Date 11 AUGUST  
Inspector's Signature, 2015

National Board, State, Province, and Endorsements

Work Order 1689074 Tasks 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, and 17.

CRDM Replacement Task/Location	CRDM Replacement Serial Number & UTC; Associated Bolting Cat ID & UTC
Task 01 / 52-33	8733 & UTC 2744573; Cat ID-1147766 & UTC 2952077
Task 02 / 12-33	A3384 & UTC 2638517; Cat ID-1147766 & UTC 2951053
Task 03 / 16-05	A4045 & UTC 2558545; Cat ID-1147766 & UTC 2952077
Task 04 / 20-25	A2729 & UTC 2744581; Cat ID-1147766 & UTC 2952077
Task 05 / 20-37	7201 & UTC 2848371; Cat ID-1147766 & UTC 2952077
Task 06 / 20-45	A3337 & UTC 2744498; Cat ID-1147766 & UTC 2952077
Task 07 / 24-13	A2603 & UTC 2744460; Cat ID-1147766 & UTC 2952077
Task 08 / 24-17	9429 & UTC 2744529; Cat ID-1147766 & UTC 2952077
Task 09 / 28-45	A2275 & UTC 2744511; Cat ID-1147766 & UTC 2952077
Task 10 / 32-41	8971 & UTC 2744572; Cat ID-1147766 & UTC 2952077
Task 11 / 36-29	A4835 & UTC 2744473; Cat ID-1147766 & UTC 2952077
Task 12 / 36-37	8691 & UTC 2744477; Cat ID-1147766 & UTC 2952077
Task 13 / 40-41	A3286 & UTC 2744483; Cat ID-1147766 & UTC 2952077
Task 14 / 44-45	A3369 & UTC 2744465; Cat ID-1147766 & UTC 2952077
Task 15 / 48-37	A3407 & UTC 2744533; Cat ID-1147766 & UTC 2952077
Task 16 / 48-45	A2746 & UTC 2744561; Cat ID-1147766 & UTC 2952077
Task 17 / 52-17	9010 & UTC 2638515; Cat ID-1147766 & UTC 2952077