Clinton Power Station 8401 Power Road Clinton, IL 61727



U-604527 January 15, 2020

10 CFR 55.55a(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 Generating Company (EGC), LLC is required to maintain an Inservice Inspection Program in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. Please find enclosed the Post-Outage (90-Day) ISI Summary Report for the Clinton Power Station, Unit 1, for examinations and repair/replacement activities performed between May 22, 2018, (i.e., end of the 18th refueling outage) and October 17, 2019 (i.e., end of the 19th refueling outage).

The Post Outage Summary Report is being submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, Paragraph IWA-6230. The 19th refueling outage was the second refueling outage in the third inspection period of the third inspection interval that began on July 1, 2010.

This letter contains no regulatory commitments.

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

Respectfully,

John J. Kowalski Plant Manager Clinton Power Station

NS

Attachment: Clinton Power Station, Inservice Inspection Summary Report

cc: Regional Administrator – NRC Region III NRC Senior Resident Inspection – Clinton Power Station Office of Nuclear Facility Safety – IEMA Division of Nuclear Safety

Exelon Corporation

4300 Winfield Rd, Warrenville, IL 60555

INSERVICE INSPECTION SUMMARY REPORT

REPORT DATE: January 14, 2020

INSERVICE DATE: April 24, 1987

REFUELING OUTAGE: C1R19

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

INSERVICE INSPECTION SUMMARY REPORT

C1R19

1-8-2020

Sect 1 1/14/2020

Prepared by: Reviewed by: Dren

- M.

HHB 14-2020 Approved by: Concurred by:

SECTION 1 INTRODUCTION AND SCOPE

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- ABSTRACT OF CORRECTIVE MEASURES

- PERFORMED
- o NIS-2 DATA REPORTS

SECTION 1

INTRODUCTION AND SCOPE

INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between May 22, 2018 and October 17, 2019. This is the second refueling outage performed during the third inspection period of the third ten (10)-year interval. During this Fuel Cycle, CPS experienced one (1) forced outage (C1F62), one (1) planned maintenance outage (C1M23), and one (1) refueling outage (C1R19). 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 Inspectors (ANIIs) M. Haydon and J. Norville 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, Preparation of Abstract of Examination Required by Form NIS-1, 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 and component supports (including snubbers).
- Scheduled Inservice Examinations The NIS-1 Data Report (Section 2) provides the listing of examinations completed during C1R19. Conditions noted during C1R19 and corrective measures taken are described in the NIS-1 Data Report.

- Component Supports Ninety-two (92) component supports (other than snubbers) were scheduled for visual examination for C1R19. All were found acceptable.
 One hundred and forty-one (141) snubbers were scheduled for visual examination for C1R19. All snubbers were acceptable.
- Pressure Tests

<u>ASME Code Class 1 Components</u> – 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 C1R19 no repairs or replacements were required as a result of scheduled examinations. During C1R19, there were modifications performed. The modifications, as well as repairs and replacements which resulted from routine maintenance, are specifically detailed in Section 3 of this report. Two (2) issue reports were generated to address the following condition:

- IR 4309402 was initiated to document safety related bolting (but not ASME Section III) were installed in a Class 3 piping bolted connection.
- IR 4309392 was initiated to document that one (1) Class 2 nut (out of 8) installed on a Class 1 check valve 1B21F010A.

 Containment Inservice Inspection – In C1R19, examinations required by 10CFR50.55a(g) were completed in accordance with Subsections IWE and IWL of ASME Section XI Code, 2013 Edition. This is the first inspection period of the third interval, which began September 10, 2018, and scheduled to end September 09, 2028, for Containment Inservice Inspection activities.

IWE:

All Class MC components required to be examined were scheduled and examined in C1R19. No unacceptable indications were identified.

IWL:

All Class CC components were scheduled and examined in C1R19. No unacceptable indications were identified.

SECTION 2 NIS-1 CODE DATA REPORT

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

1. Owner <u>Exelon Corporation, 4300 Winfield Rd, Warrenville, IL 60555</u>

2. Plant Clinton Power Station, 8401 Power Rd, Clinton, IL 61727

- 3. Plant Unit _____ 4. Owner Certificate of Authorization (if required) N/A
- 5. Commercial Service Date <u>4/24/1987</u>

6. National Board Number for Unit <u>N/A</u>

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel 1B13-D003	Chicago Bridge & Iron Co.	B5225	B005056	4442
Valve 1B21-F010A	Anchor Darling Co.	E-6214-153-1	N/A	N/A
Valve 1B21-F022B	Atwood Morrill Co.	2-562	N/A	N/A
Valve 1B21-F022C	Atwood Morrill Co.	1-562	N/A	N/A
Valve 1B21-F028B	Atwood Morrill Co.	6-562	N/A	N/A
Valve 1B21-F028C	Atwood Morrill Co.	7-562	N/A	N/A
Valve 1C41F004B	Conax Corporation	70	N/A	N/A
Valve 1E12F018B	Anchor Darling Valve Co	E-6214-50-2	N/A	N/A
Valve 1E12F046B	Anchor Darling Valve Co	E-6214-98-2	N/A	N/A
Valve 1E22F005	Anchor Darling Valve Co	E-6214-21-1	N/A	N/A
Piping System	Illinois Power Co.	See Note 1	N/A	N/A

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

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

FORM NIS-1 (Back)

8. Examination Dates 05/22/18 to 10/17/19

9. Inspection Period Identification 3

10. Inspection Interval Identification 07/01/10 to 06/30/20

11. Applicable Edition of Section XI <u>2004</u> Addenda <u>N/A</u>

12. Date/Revision of Inspection Plan ___Rev. 17_

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 Date 1-14-2020 Signed Exelon Corporation By Miyan Barr

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Illinois</u> and employed by The <u>Hartford Steam Boiler Inspection and Insurance Co.</u> Hartford, CT have inspected the components described in this owner's report during the period <u>05/22/18</u> to 1<u>0/17/19</u>, 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.

Commissions NB 0789 SJNR IL 721 National Board, state, province, and endorsements

Date 14 JANUAR 2028

Inspector's Signature

ATTACHMENT 1

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

13/14. Abstract of Examination:

Listing of Examinations:

Table 1 lists scheduled examinations of components for C1R19. 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. Those items, which were examined, that require no further evaluation are identified as acceptable. The visual examination results of all supports were acceptable.

Table 3 lists scheduled visual examinations of snubbers. 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. The visual examination results of all snubbers were acceptable.

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

Current Interval Status:

Currently CPS is in the Third Period of the Third Interval. CPS had one (1) refueling outage, C1R13 during the First Period. CPS had four (4) refueling outages, C1R14, C1R15, C1R16 and C1R17, during the Second Period. There were two (2) refueling outages, C1R18 and C1R19, during the Third Period.

Cumulatively at the end of C1R19, 100% of all required examinations have been completed in accordance with IWA-2400 (Inspection Program B) for the third ten-year interval. This is the last refueling outage for the Third Ten Year Interval. Appendix 1 identifies the details. The calculation

ATTACHMENT 1

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

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does not include system pressure tests which have specific requirements for completion during specific inspection periods and refueling outages.

Appendix 1 Clinton Power Station Unit 1 With the Exception of Categories/Items can be deferred until the End of Interval Number and Percentage of ISI Examinations Completed

Category	Total	Total	Numbers	Percentage	Numbers	Percentage	Total	Numbers	Percentage	Total
	Number	Number	Completed	Completed	Completed	Completed	Percent	Completed	Completed	Percent
	of	Selected	in Period	In Period	in Period	In Period	Completed	in Period	In Period	Completed
	Welds		· 1	. 1	2	2	in Period 1	3	3	at End of
							& 2			3 rd
										Interval
B-A	2	2	.833	42%	.33	16%	58%	.833	42%	100
	Note 1									
B-D	62	32	10	31%	· 8	25%	56%	14	44%	100
B-G-1	Note 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-G-2	Note 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-K	41	13	5	38%	4	31%	69%	4	31%	100
B-L-2	Note 2	N/A	N/A	N/A	·N/A	N/A	N/A	N/A	· N/A	N/A
B-M-2	Note 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-N-1	Note 3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	'N/A
B-N-2	Note 3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-O	Note 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-P	Note 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
C-A	4	2	1	50%	-	-	50%	1	50%	100
C-B	8	4	-	-	2	50%	50%	2	50%	100
C-C	59	12	3	25%	3	25%	50%	6	50%	100
C-G	Note 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
C-H	Note 7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D-A	43	5	2	40%	1	20%	60%	2	40%	100
D-B	Note 7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F-A	1342	275	54	19%	95	34%	53%	126	47%	100
R-A	473	81	18	22%	34	42%	64%	29	36%	100
										-

Note 1 – Only 2 welds (Shell to Flange and Head to Flange) required to meet percent completion requirements.

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

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

Note 4 – All required exams were completed at the end of the interval.

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

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

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

TABLE 1

1. Owner: Exclon Corporation, 4300 Winfield Rd., Warrenville, IL 60555

2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727

3. Plant Unit: 1 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

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

REFERENCE	ITEM	EX		CODE	CODE	CODE	RESULTS
NUMBER	IDENTIFICATION	TY	PE	ITEM	CATEGORY	CLASS	
0001181	1SX19008R-WA	VT-1		D1.20	D-A	3	ACCEPTABLE
000250	RPV-C5(1/2)	UT		B1.30	B-A	1	ACCEPTABLE, SEE NOTE 1
0003201	1FC14008A-WA	VT-1		F1.30	F-A	3	ACCEPTABLE
000350	RPV-VIA	MECH UT		B1.12	B-A	1	ACCEPTABLE
000400	RPV-V1B	MECH UT		B1.12	B-A	1	ACCEPTABLE
000450	RPV-V2A	MECH UT		B1.12	B-A	1	ACCEPTABLE
000500	RPV-V2B	MECH UT		B1.12	B-A	1	ACCEPTABLE
000550	RPV-V2C	MECH UT		B1.12	B-A	1	ACCEPTABLE
000600	RPV-V3A	MECH UT		B1.12	B-A	1	ACCEPTABLE
000650	RPV-V3B	MECH UT		B1.12	B-A	1	ACCEPTABLE
000700	RPV-V3C	MECH UT		B1.12	B-A	1	ACCEPTABLE
000750	RPV-V4A	MECH UT		B1.12	B-A	1	ACCEPTABLE
000800	RPV-V4B	MECH UT		B1.12	B-A	1	ACCEPTABLE
000850	RPV-V4C	MECH UT		B1.12	B-A	1	ACCEPTABLE
000900	RPV-MA	UT		B1.22	B-A	1	ACCEPTABLE
000950	RPV-MB	UT	•	B1.22	B-A	1	ACCEPTABLE
001000	RPV-MC	UT		B1.22	B-A	1	ACCEPTABLE
001050	RPV-MD	UT		B1.22	B-A	1	ACCEPTABLE
001150	NIB	MECH UT		B3.90	B-D	1	ACCEPTABLE
001900	N4B	MECH UT		B3.90	B-D	1	ACCEPTABLE
001950	N4C	MECH UT		B3.90	B-D	1	ACCEPTABLE
002200	N6B	MECH UT	-	B3.90	B-D	1	ACCEPTABLE
002350	N10	UT		B3.90	B-D	1	ACCEPTABLE
002400	N16	UT		B3.90	B-D	1	ACCEPTABLE
002500	N1B-IRS	MECH UT		B3.100	B-D	1	ACCEPTABLE
003300	N4B-IRS	MECH UT		B3.100	B-D	ì	ACCEPTABLE
003350	N4C-IRS	MECH UT		B3.100	B-D	1	ACCEPTABLE
003600	N6B-IRS	MECH UT		B3.100	B-D	1	ACCEPTABLE
003750	N10-IRS	UT		B3.100	B-D	.1	ACCEPTABLE
003800	N16-IRS	UT		B3.100	B-D	1	ACCEPTABLE
004350	N1B-W-1	MECH UT		NA	NA	1	ACCEPTABLE, SEE NOTE 2
004900	N4A-W-1	MECH UT		R1.11	R-A	1	ACCEPTABLE
004940	N4B-W-1	MECH UT		R1.11	R-A	1	ACCEPTABLE
004980	N4C-W-1	MECH UT		R1.11	R-A	l	ACCEPTABLE
005025	N4D-W-1	MECH UT		R1.11	R-A	1	ACCEPTABLE
005520	N9B-W-1	UT		NA	NA	1	ACCEPTABLE
007500	CLOSURE STUDS(22)	UT		B6.20	B-G-1	1	ACCEPTABLE
007550	CLOSURE NUTS(22)	VT-1		B6.10	B-G-1	1	ACCEPTABLE

TABLE 1

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555

2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727

3. Plant Unit: 1 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

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

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE	CODE CATEGORY	CODE CLASS	RESULTS
007650	CLOSURE WASHERS(22)	VT-1	B6.50	B-G-1	1	ACCEPTABLE
008750	CRDH-2 10%	PT	B14.10	B-O	1	ACCEPTABLE
008751	CRDH-3 10%	PT	B14.10	B-O	1	ACCEPTABLE
009050	CH-C-2 (1/3)	MT	B1.40	B-A	1	ACCEPTABLE
009300	CH-ME	UT	B1.22	B-A	1	ACCEPTABLE
009350	CH-MF	UT	B1.22	B-A	1	ACCEPTABLE
009500	N8	UT	B3.90	B-D	1	ACCEPTABLE
009650	N8-IRS	UT	B3.100	. B-D	1	ACCEPTABLE
009850	2	UT-E	R1.11	R-A	1	ACCEPTABLE
111880	1-FW-1-8R1	UT-E	RI.11	· R-A	1	ACCEPTABLE
112880	1-FW-1-3-10	UT-E	R1.11	R-A	. 1	ACCEPTABLE
113340	1-FW-2-3-8	UT-E	RI.11	R-A	1	ACCEPTABLE
113380	1-FW-2-3-10	UT-E	R1.11	R-A	1	ACCEPTABLE
113420	1-FW-2-3-11	UT-E	R1.11	R-A	1	ACCEPTABLE
113440	1-FW-2-10	UT-E	R1.11	R-A	1	ACCEPTABLE
114300	1-FW-1-1	UT-E	R1.11	R-A	1	ACCEPTABLE
120020	1-NB-1-1-2Q1-FB	VT-1	B7.50	B-G-2	1	ACCEPTABLE
130390	1-RR-AA-A1	UT-E	R1.20	R-A	1	ACCEPTABLE
130410	1-RR-AA-1	UT-E	R1.20	R-A	1	ACCEPTABLE
131120	1-RR-AC-1	UT-E	R1.20	R-A	1	ACCEPTABLE
133500	1-RR-BH-1	UT-E	R1.20	R-A	1	ACCEPTABLE
133560	1-RR-BH-2	UT-E	R1.20	R-A	1	ACCEPTABLE
136820	1-RR-B-4	UT-E	R1.20	R-A	1	ACCEPTABLE
137580	1-RR-B-15	UT-E	R1.20	R-A	1	ACCEPTABLE
151000	1-HP-5-1	UT-E	R1.20	R-A	1	ACCEPTABLE
161400	1RH01001C-WA	MT	B10.20	B-K	1	ACCEPTABLE
161420	1-RH-18-4-3	UT-E	R1.11	R-A	1	ACCEPTABLE
162340	1-RH-23-7-2	UT-E	R1.11	R-A	1	ACCEPTABLE
164380	1-RH-12-13-3	UT-E	R1.11	R-A	1	ACCEPTABLE
172140	1259085-W11-S(CPS)	UT-E	R1.20	R-A	1	ACCEPTABLE
172260	1259085-W19-F	UT-E	R1.20	R-A	1	ACCEPTABLE
172720	1-RT-31-6	MT	B10.20	B-K	1	ACCEPTABLE
189320	1SC07001A-WA	MT	B10.20	B-K	1	ACCEPTABLE
200560	SS LUGS B; 1 THRU 4	PT	B10.30	В-К	1	ACCEPTABLE
230000	1B21-F010A-BOLT	VT-1	B7.70	B-G-2	1	ACCEPTABLE
230120	1B21-F022C-BOLT	VT-1	B7.70	B-G-2	1	ACCEPTABLE
231040	1E22-F005-BOLT	VT-1	B7.70	B-G-2	1	ACCEPTABLE
250000	1B21-F010A-INT	VT-3	B12.50	B-M-2	1	ACCEPTABLE



TABLE 1

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555

2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727

3. Plant Unit: 1 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

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

REFERENCE NUMBER	ITEM IDENTIFICATION		AM YPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
250120	1B21-F022C-INT	VT-3		B12.50	B-M-2	1	ACCEPTABLE
251040	1E22-F005-INT	VT-3		B12.50	B-M-2	1	ACCEPTABLE
400000	HEA-1	UT		C1.20	C-A	2	ACCEPTABLE
400100	HEA-3	MT	UT	C2.21	C-B	2	ACCEPTABLE
400110	HEA-3 IRS	UT		C2.22	C-B	2	ACCEPTABLE
400200	HEA-1 THRU -4-WA	MT		C3.10	C-C	2	ACCEPTABLE
400250	HEA-5 THRU -8-WA	MT		C3.10	C-C	2	ACCEPTABLE
574740	1-RH-17-1-2	UT-E		R1.20	R-A	2	ACCEPTABLE
579620	1-RH-9-13-5	UT-E		R1.20	R-A	2	ACCEPTABLE
579640	1-RH-9-13-7	UT-E		R1.20	R-A	2	ACCEPTABLE
583420	1RH07018V-WA	MT		C3.20	C-C	2	ACCEPTABLE, SEE NOTE 9
593100	1-RH-17-1-3	UT-E		R1.20	R-A	2	ACCEPTABLE
593120	1-RH-17-1-4	UT-E		R1.20	R-A	2	ACCEPTABLE
593140	1-RH-17-1-5	UT-E		R1.20	R-A	2	ACCEPTABLE
599421	1RH04024A-WA	MT		C3.20	C-C	2	ACCEPTABLE
613020	1RI03004V-WA	MT		C3.20	C-C	• 2	ACCEPTABLE
803600	RCIC-1A (1-4)	MT		C3.30	C-C	2	ACCEPTABLE, SEE NOTE 10
943395	1SX24008A-WA	VT-1		D1.20	D-A	3	ACCEPTABLE

ATTACHMENT 1

TABLE 1 (Continued)

- 1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555
- 2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727
- 3. Plant Unit: 14. 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 IVVI Program Examinations. None

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGOR Y	CODE CLASS	RESULTS
008111	Shroud Vertical Welds (4)	UT	N/A	N/A	1	ACCEPTABLE
008451	Core Spray INT Piping	UT/ EVT-1	N/A	N/A	1	ACCEPTABLE, SEE NOTE 3
008587	Steam Dryer Access Hole-325 Deg OD	VT-1	N/A	N/A	1	ACCEPTABLE, SEE NOTE 4
008584	Separator Lifting Assemblies	VT-3	N/A	N/A	N/A	ACCEPTABLE, SEE NOTE 5
008352	Feedwater Spargers End Bracket Bolt Stop	VT-1	N/A	N/A	1	ACCEPTABLE, SEE NOTE 6
008555	Lower Surveillance Specimen Brackets	VT-1	N/A	N/A	1	ACCEPTABLE, SEE NOTE 7
008111	Shroud Vertical Welds (8)	EVT-1	N/A	N/A	1	ACCEPTABLE
008111	Shroud Vertical Welds (2) OFF-AXIS	EVT-1	N/A	N/A	1	ACCEPTABLE
008713	Access Hole Cover	EVT-1	N/A	N/A	1	ACCEPTABLE
008116	Tie Rods	Det. VT-3	N/A	N/A	1	ACCEPTABLE
008455	Steam Dryer Support Bracket Attachment @ 326 Deg.	EVT-1	N/A	N/A	1	ACCEPTABLE, SEE NOTE 8
008652	Top Guide	EVT-1	N/A	N/A	1	ACCEPTABLE
008111	Core Spray Spargers Spare Pads (all)	VT-3	N/A	N/A	1	ACCEPTABLE
950607	JP Riser Welds, Various	EVT-1	N/A	N/A	1	ACCEPTABLE
008607	JP Wedges WD-1, Various	VT-1	N/A	N/A	1	ACCEPTABLE
008660	LPCI, B Loop	EVT-1	N/A	N/A	1	ACCEPTABLE
008710	SRM (2)	EVT-1	N/A	N/A	1	ACCEPTABLE
008574	LPRM (3)	EVT-1	N/A	N/A	1	ACCEPTABLE

ATTACHMENT 1

TABLE 1 Notes

1.	Owner: Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087							
2.	. Plant: <u>Clinton Power Station, 8401 Power Rd, Clinton, IL 61727</u>							
3.	Plant Unit: <u>1</u>	4. Owner Certificate of Autherization: <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:

RPV-C5(1/2) -

The examination coverage for weld RPV-C5 was less than 90%. A relief request will be submitted.

Note 2:

N1B-W-1 -

During the last refueling outage, C1R17 (in 2017), per the ISI Program, an ultrasonic examination was performed on Reactor Recirc Dissimilar (DM) Weld N1B-W-1 to meet the augmented program requirements of the IGSCC program. During the examination, a planar indication (embedded discontinuity) was discovered in the weld. The planar indication is considered a subsurface indication. This indication is not connected to the ID surface. The indication is 0.80" long and has a through wall dimension of 0.45". The top of the indication is located 0.45" from the outside surface.

Per the ISI Program this weld was evaluated per IWB-3514. Based on the thickness of the pipe wall (excluding cladding) of 1.54" an aspect ratio calculation was performed. This calculation showed that this indication exceeded the allowable limits specified in Section XI, therefore, was unacceptable. This weld was examined with General Electric-Hitachi procedure GEH-UT-247, which has been demonstrated in accordance with the requirements of ASME Section XI, Appendix VIII.

This item was evaluated as acceptable prior to completion of last outage, C1R17. As required by IWB-2420 an ultrasonic examination was performed in C1R19 refueling outage, September, 2019, and results were compared with the previous outage results. No measurable change was observed.

Note 3:

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 4:

Steam Dryer (Access Hole Patch @ 325 degrees from OD) -

During the C1R19 outage examinations were performed on 325 degrees Steam Dryer OD Access Hole Patch to monitor this indication identified in C1R15. No discernible changes were noted. These items were evaluated as acceptable as described in Attachment 2. The Steam Dryer is not an ASME Section XI item. Note 5:

Moisture Separator Lifting Assemblies -

During the C1R19 outage, In-Vessel Visual Inspections (IVVI) were performed on the Moisture Separator Lifting Assemblies. Previous outage inspections identified relevant conditions on all four locations as documented in INR C1R14-13-01 R1. Previously noted indications on the 150 deg and 330 deg Lifting Rods had no discernible change. A new indication was noted on the Lower tack weld of the 80 deg Lifting Rod on the 70 deg side. Increased wear was noted on the 260 deg Lifting rod at the Upper Support Ring interface and on both Lower tack welds where previous indications had been noted. New wear was observed on the same Lifting Rod at the Mid Support Ring interface as well. These items were evaluated as acceptable as described in Attachment 2.

Note 6:

Feedwater Sparger End Bracket Bolt Stops -

During the C1R19 outage, In-Vessel Visual Inspections were performed on the Feedwater End Bracket Bolt, Nut and Tack Welds. Per the INR, except for the for the 097° Rod, no discernable changes were noted between C1R17 and C1R19 outages. Since there were no discernible changes noted between the C1R17 and C1R19 inspections, the indications are acceptable as dispositioned by EC 619862.

At the 97° Rod, new slight wear was noted on the pin. This condition was accepted, see Attachment 2 for further details.



Note 7:

RPV Surveillance Specimen Lower Bracket Welded Attachments -

During the C1R19 outage, In-Vessel Visual Inspections were performed on Surveillance Specimen Brackets. Per the INR no discernible changes were noted between C1R17 and C1R19 outage (003°, 177°, or 183° bracket).

Since there were no discernable changes noted between C1R17 and C1R19 inspections, these indications were evaluated and accepted, see Attachment 2 for further details.

Note 8:

Steam Dryer Support Bracket @ 326 degrees -

During the C1R19 outage examinations were performed on Steam Dryer Support Bracket @ 326 degrees to monitor wear pattern. Slight changes in wear pattern were identified in C1R15. No discernible changes were noted this time. These items were evaluated as acceptable as described in Attachment 2.

Note 9:

1RH07018V-WA -

The examination coverage for Welded Attachment 1RH07018V-WA was less than 90%. A relief request will be submitted.

Note 10:

RCIC-1A (1-4) -

The examination coverage for Welded Attachment RCIC-1A (1-4) was less than 90%. A relief request will be submitted.

TABLE 2

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555

2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727

3. Plant Unit: 1 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled Component Supports Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EX. TY		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
0000275	1SX09019R	VT-3		F1.30	F-A	3	ACCEPTABLE
0000290	1SX09022X	VT-3	_	F1.30	F-A	3	ACCEPTABLE
0000650	1SX08007X	VT-3		F1.30	F-A	3.	ACCEPTABLE
0000670	1SX08011V	VT-3		F1.30	F-A	3	ACCEPTABLE
0000710	1SX08019R	VT-3		F1.30	F-A	3	ACCEPTABLE
0000930	1SX35014X	VT-3		F1.30	F-A	3	ACCEPTABLE
0000970	1SX35025R	VT-3		F1.30	F-A	3	ACCEPTABLE
0000980	1SX35046G	VT-3		F1.30	F-A	3	ACCEPTABLE
0001030	1SX18003R	VT-3		F1.30	F-A	3	ACCEPTABLE
0001050	1SX18007X	VT-3		F1.30	F-A	3	ACCEPTABLE
0001075	1SX18012R	VT-3		F1.30	F-A	3	ACCEPTABLE
0001120	1SX18021X	VT-3		F1.30	F-A	3	ACCEPTABLE
0001180	ISX19008R	VT-3		F1.30	F-A	3	ACCEPTABLE
0001245	1SX19022X	VT-3		F1.30	F-A	3	ACCEPTABLE
0002365	1FC10003V	VT-3		F1.30	F-A	3	ACCEPTABLE
0002495	1FC02039R	VT-3		F1.30	F-A	3	ACCEPTABLE
0002535	1FC02015X	VT-3		F1.30	F-A	3	ACCEPTABLE
0002545	1FC02017R	VT-3		F1.30	F-A	3	ACCEPTABLE
0002725	1FC03108R	VT-3		F1.30	F-A	3	ACCEPTABLE
0002785	1FC03092X	VT-3		F1.30	F-A	3	ACCEPTABLE
0002900	1FC03084X	VT-3		F1.30	F-A	3	ACCEPTABLE
0003050	1FC01001G	VT-3		F1.30	F-A	3	ACCEPTABLE .
0003200	1FC14008A	VT-3		F1.30	F-A	3	ACCEPTABLE
0003405	1FC Pump 'A'	VT-3		F1.30	F-A	3	ACCEPTABLE
0003415	IFC HT EX 'A'	VT-3		F1.30	F-A	3	ACCEPTABLE
903755	1FW02008C	VT-3		F1.10	F-A	1	ACCEPTABLE
906010	1HP01007A	VT-3		F1.10	F-A	1	ACCEPTABLE
906135	1HP03001V	VT-3		F1.20	F-A	2	ACCEPTABLE
906145	1HP03003X	VT-3		F1.20	F-A	2	ACCEPTABLE
906250	1HP04008A	VT-3		F1.20	F-A	2	ACCEPTABLE
906690	1HP03045X	VT-3		F1.20	F-A	2	ACCEPTABLE
908040	1LP02002X	VT-3		F1.10	F-A	1	ACCEPTABLE
908055	1LP02005A	VT-3		F1.10	F-A	1	ACCEPTABLE
908800	LPCS PUMP	VT-3		F1.40	F-A	2	ACCEPTABLE
909160	1H102C	VT-3		F1.10	F-A	1	ACCEPTABLE
912000	1RH01001C	VT-3		F1.10	F-A	1	ACCEPTABLE
912035	1RH03001C	VT-3		F1.10	F-A	1	ACCEPTABLE
912065	1RH03007A	VT-3		F1.10	F-A	1	ACCEPTABLE

TABLE 2

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 605552. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 617273. Plant Unit: 14. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled Component Supports Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM		CODE CLASS	RESULTS
912185	1RH06004X	VT-3	F1.10	F-A	1	ACCEPTABLE
912800	RHR-HE "A"	VT-3	F1.40	F-A	2	ACCEPTABLE
913110	1RH09023V	VT-3	F1.20	F-A	2	ACCEPTABLE
913155	1RH09002X	VT-3	F1.20	F-A	2	ACCEPTABLE
913495	1RH07079A	VT-3	F1.20	F-A	2	ACCEPTABLE
913600	1RH08034V	VT-3	F1.20	F-A	2	ACCEPTABLE
913825	1RH04050A	VT-3	F1.20	F-A	2	ACCEPTABLE
914010	1RH09064X	VT-3	F1.20	F-A	2	ACCEPTABLE
914055	1RH09006V	VT-3	F1.20	F-A	2	ACCEPTABLE
914060	1RH09007R	VT-3	F1.20	F-A	2	ACCEPTABLE
914180	1RH10003A	VT-3	F1.20	F-A	2	ACCEPTABLE
914789	1RH07019X	VT-3	F1.20	F-A	2	ACCEPTABLE
914795	1RH07021V	VT-3	F1.20	F-A	2	ACCEPTABLE
914895	1RH08019V	VT-3	F1.20	F-A	2	ACCEPTABLE
916765	1RH08042X	VT-3	F1.20	F-A	2	ACCEPTABLE
917015	1RH02004V	VT-3	F1.20	F-A	2	ACCEPTABLE
917020	1RH02005R	VT-3	F1.20	F-A	2	ACCEPTABLE
917105	1RH04020X	VT-3	F1.20	F-A	2	ACCEPTABLE
917770	1RH04048X	VT-3	F1.20	· F-A	2	ACCEPTABLE
918000	RHR PUMP "A"	VT-3	F1.40	F-A	2	ACCEPTABLE
919000	1RI08031G	VT-3	F1.10	F-A	1	ACCEPTABLE
919045	1RI10009X	VT-3	F1.10	F-A	1	ACCEPTABLE
919050	1RI10010X	VT-3	F1.10	F-A	1	ACCEPTABLE
920010	1RI07001A	VT-3	F1.20	F-A	2	ACCEPTABLE
920050	1RI07011R	VT-3	F1.20	F-A	2	ACCEPTABLE
920195	1RI06015R	VT-3	F1.20	F-A	2	ACCEPTABLE
920260	1RI08001R	VT-3	F1.20	F-A	2	ACCEPTABLE
920325	1RI02001G	VT-3	F1.20	F-A	2	ACCEPTABLE
920415	1RI03017R	VT-3	F1.20	F-A	2	ACCEPTABLE
920420	1RI03001V	VT-3	- F1.20	F-A	2	ACCEPTABLE
920455	1RI03012X	VT-3	F1.20	F-A	2	ACCEPTABLE
921500	RCIC PUMP	VT-3	F1.40	F-A	2	ACCEPTABLE
922010	1H301A	VT-3	F1.40	F-A	1	ACCEPTABLE
922015	1H302A	VT-3	F1.40	F-A	1	ACCEPTABLE
922780	1H354B	VT-3	F1.10	F-A	1	ACCEPTABLE
923050	1RT01010R	VT-3	F1.10	F-A	1	ACCEPTABLE
923130	1RT01018R	VT-3	F1.10	F-A	1	ACCEPTABLE
940995	1SX01017R	VT-3	F1.30	F-A	3	ACCEPTABLE

TABLE 2

Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555
 Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727

3. Plant Unit: 1 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

13/14. Abstract of Examinations: Listing of Scheduled Component Supports Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EX/ TY		CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
941365	1SX01041X	VT-3		F1.30	F-A	3	ACCEPTABLE
941810	1SX02008X	VT-3		F1.30	F-A	3	ACCEPTABLE
941830	1SX02009R	VT-3		F1.30	F-A	3	ACCEPTABLE
942985	1SX10011R	VT-3	-	F1.30	F-A	3	ACCEPTABLE
943005	1SX10012X	VT-3		F1.30	F-A	3	ACCEPTABLE
943025	1SX10013R	VT-3		F1.30	F-A	3	ACCEPTABLE
943390	1SX24008A	VT-3		F1.30	F-A	3	ACCEPTABLE
946790	1SX51013X	VT-3		F1.30	F-A	3	ACCEPTABLE
948000	SX PUMP "A"	VT-3		F1.40	F-A	3	ACCEPTABLE
948500	SX-DG HE "A"	VT-3		F1.40	F-A	3	ACCEPTABLE
960000	1SC01021R	VT-3		F1.10	F-A	1	ACCEPTABLE
960020	1SC07001A	VT-3		F1.10	F-A	1	ACCEPTABLE
960220	1SC07011R	VT-3		F1.10	F-A	1	ACCEPTABLE
960340	1SC07017R	VT-3		F1.10	F-A	1	ACCEPTABLE
960380	1SC07019G	VT-3		F1.10	F-A	1	ACCEPTABLE
960480	1SC07024X	VT-3		F1.10	F-A	1	ACCEPTABLE





ATTACHMENT 1

TABLE 3

- 1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555
- 2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727
- 3. Plant Unit: 1 4. Owner Certificate of 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 Snubbers Examinations

ITEM IDENTIFICATION	EXAM TYPE	CODE CATEGORY	RESULTS
1FW01007S	VT-3	F-A	ACCEPTABLE
1FW02001S	VT-3	F-A	ACCEPTABLE
1FW02006S	VT-3	F-A	ACCEPTABLE
1FW020003	VT-3	F-A	ACCEPTABLE
1FW02010S	VT-3		ACCEPTABLE
1 S01033S	VT-3	F-A F-A	ACCEPTABLE
		F-A F-A	ACCEPTABLE
1MS22004S	VT-3		
1MS27011S	VT-3	F-A	ACCEPTABLE
1MS28009S	VT-3	F-A	ACCEPTABLE
1MS28010S	VT-3	F-A	ACCEPTABLE
1MS29006S	VT-3	F-A	ACCEPTABLE
1MS30002S	VT-3	F-A	ACCEPTABLE
1MS32005S	VT-3	F-A	ACCEPTABLE
1MS34012S	VT-3	F-A	ACCEPTABLE
1MS35002S	VT-3	F-A	ACCEPTABLE
1MS36009S	VT-3_	F-A	ACCEPTABLE
1MS36010S	VT-3	F-A	ACCEPTABLE
1MS36011S	VT-3	F-A	ACCEPTABLE
1MS38002S	VT-3	F-A	ACCEPTABLE
1MS38005S	VT-3	F-A	ACCEPTABLE
1MS38027S	VT-3	F-A	ACCEPTABLE
1MS38072S	VT-3	F-A	ACCEPTABLE
1MS38094S	VT-3	F-A	ACCEPTABLE
1MS38095S	VT-3	F-A	ACCEPTABLE
1MS38096S	VT-3	F-A	ACCEPTABLE
1MS38097S	VT-3	F-A	ACCEPTABLE
1NB01002S	VT-3	F-A	ACCEPTABLE
1RB21596S	VT-3	F-A	ACCEPTABLE

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	ITEM IDENTIFICATION	EXAM TYPE	CODE CATEGORY	RESULTS
	1RB33516S	VT-3	F-A	ACCEPTABLE
	1RB34512S	VT-3	F-A	ACCEPTABLE
	1RH07045S	VT-3	F-A	ACCEPTABLE
	1RH07049S	VT-3	F-A	ACCEPTABLE
	1RH07050S	VT-3	F-A	ACCEPTABLE
	1RH07069S	VT-3	F-A	ACCEPTABLE
	1RH07072S-E	VT-3	F-A	ACCEPTABLE
	1RH07072S-W	VT-3	F-A	ACCEPTABLE
	1RH07073S	VT-3	F-A	ACCEPTABLE
	1RH07121S	VT-3	F-A	ACCEPTABLE
	1RH07124S-DN	VT-3	F-A	ACCEPTABLE
	1RH07124S-UP	VT-3	F-A	ACCEPTABLE
	1RH07125S	VT-3	F-A	ACCEPTABLE
	1RH09059S	VT-3	F-A	ACCEPTABLE
	1RH09060S	VT-3	F-A	ACCEPTABLE
· • •	1RH09062S	VT-3	F-A	ACCEPTABLE
	1RH09065S	VT-3	F-A	ACCEPTABLE
	1RH72044S	VT-3	F-A	ACCEPTABLE
	1RH73002S	VT-3	F-A	ACCEPTABLE
	1RH81006S	VT-3	F-A	ACCEPTABLE
	1RH82002S	VT-3	F-A	ACCEPTABLE
	1RI01008S	VT-3	F-A	ACCEPTABLE
	1RI01015W	VT-3	F-A	ACCEPTABLE
	1RI02018S	VT-3	F-A	ACCEPTABLE
	1RI03009S	VT-3	F-A	ACCEPTABLE
	1RI03010S	VT-3	F-A	ACCEPTABLE
	1RI03015S	VT-3	F-A	ACCEPTABLE
	1RI08010S	VT-3	F-A	ACCEPTABLE
	1RT01002S	VT-3	F-A	ACCEPTABLE
	1RT01003S	VT-3	F-A	ACCEPTABLE
	1RT01035S	VT-3	F-A	ACCEPTABLE
	1RT02072S	VT-3	F-A	ACCEPTABLE
	1RT06015S	VT-3	F-A	ACCEPTABLE
	1RT06018S	VT-3	F-A	ACCEPTABLE
	1RT06029S	VT-3	F-A	ACCEPTABLE
	1RT06040S	VT-3	F-A	ACCEPTABLE
	1RT07028S	VT-3	F-A	ACCEPTABLE
	1RT07036S	VT-3	F-A	ACCEPTABLE
	1RT07037S	VT-3	F-A	ACCEPTABLE

ITEM IDENTIFICATION	N EXAM TYPE	CODE CATEGORY	RESULTS	
1RT07040S	VT-3	F-A	ACCEPTABLE	
1RT07048S	VT-3	F-A	ACCEPTABLE	
1RT07052S	VT-3	F-A	ACCEPTABLE	
1RT30002S	VT-3	F-A	ACCEPTABLE	
1S101C	VT-3	F-A	ACCEPTABLE	
1S102C	VT-3	F-A	ACCEPTABLE	
1S102D	VT-3	F-A	ACCEPTABLE	
1S106B	VT-3	F-A	ACCEPTABLE	
1S106C	VT-3	F-A	ACCEPTABLE	
1S372B	VT-3	F-A	ACCEPTABLE	
1\$373A	VT-3	F-A	ACCEPTABLE	
1S373B	VT-3	F-A	ACCEPTABLE	
1SX24017S	VT-3	F-A	ACCEPTABLE	
1SX38013S	VT-3	F-A	ACCEPTABLE	
1VG03018S	VT-3	F-A	ACCEPTABLE	
15X240175 15X380135	VT-3 VT-3	F-A F-A	ACCEPTABLE ACCEPTABLE	• • • 2

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ITEM IDENTIFICATION	EXAM TYPE	CODE CATEGORY	RESULTS
1FC11005S	VT-3	F-A	ACCEPTABLE
1MS07006S	VT-3	F-A	ACCEPTABLE
1MS07012S	VT-3	F-A	ACCEPTABLE
1MS070125	VT-3	F-A	ACCEPTABLE
1MS07048S	VT-3	F-A	ACCEPTABLE
1MS22007S	VT-3	F-A	ACCEPTABLE
1MS25004S	VT-3	F-A	ACCEPTABLE
1MS26004S			
· · · · ·	VT-3	F-A	ACCEPTABLE
1MS26009S	VT-3	F-A	ACCEPTABLE
1MS26010S	VT-3	F-A	ACCEPTABLE
1MS27001S	VT-3	F-A	ACCEPTABLE
1MS28007S	VT-3	F-A	ACCEPTABLE
1MS29003S	VT-3	F-A	ACCEPTABLE
1MS29005S	VT-3	F-A	ACCEPTABLE
1MS29007S	VT-3	F-A	ACCEPTABLE
1MS29009S	VT-3	F-A	ACCEPTABLE
1MS30001S	VT-3	F-A	ACCEPTABLE
1MS32002S	VT-3	F-A	ACCEPTABLE
1MS32003S	VT-3	F-A	ACCEPTABLE
1MS35005S	VT-3	F-A	ACCEPTABLE
1MS35010S	VT-3	F-A	ACCEPTABLE
1MS36008S	VT-3	F-A	ACCEPTABLE
1MS36012S	VT-3	F-A	ACCEPTABLE
1RB32520S	VT-3	F-A	ACCEPTABLE
1RB35516S	VT-3	F-A	ACCEPTABLE
1RH07040S	VT-3	F-A	ACCEPTABLE
1RH07041S	VT-3	F-A	ACCEPTABLE
1RH07048S		F-A	ACCEPTABLE
1RH07058S	VT-3	F-A	ACCEPTABLE
1RH07067S	VT-3	F-A	ACCEPTABLE
1RH07122S	VT-3	F-A	ACCEPTABLE
1RH08073S	VT-3	F-A	ACCEPTABLE
1RH08086S	VT-3	F-A	ACCEPTABLE
1RH08087S	VT-3	F-A	ACCEPTABLE
1RH080885	VT-3	F-A	ACCEPTABLE
	VT-3	F-A	ACCEPTABLE
1RH09034S	VT-3	F-A	ACCEPTABLE
1RH09036S	VT-3	F-A F-A	ACCEPTABLE
1RH09067S		F-A F-A	ACCEPTABLE
1RH09068S	VT-3		
1RH09075S	VT-3	F-A	ACCEPTABLE

	ITEM	EXAM	CODE	RESULTS
	IDENTIFICATION	TYPE	CATEGORY	
	1RH09076S	VT-3	F-A	ACCEPTABLE
	1RH09081S	VT-3	F-A	ACCEPTABLE
	1RH09082S	VT-3	F-A	ACCEPTABLE
	1RH11011S	VT-3	F-A	ACCEPTABLE
	1RH12002S	VT-3	F-A	ACCEPTABLE
	1RH16011S	VT-3	F-A	ACCEPTABLE
	1RH16013S-E	VT-3	F-A	ACCEPTABLE
	1RH16013S-W	VT-3	F-A	ACCEPTABLE
	1RH23005S	VT-3	F-A	ACCEPTABLE
	1RH23006S	VT-3	F-A	ACCEPTABLE
	1SX09016S	VT-3	F-A	ACCEPTABLE
	1SX20010S	VT-3	F-A	ACCEPTABLE
·	1SX22007S	VT-3	F-A	ACCEPTABLE
	1SX22012S	VT-3	F-A	ACCEPTABLE
	1SX23009S	VT-3	F-A	ACCEPTABLE
	1SX30006S	VT-3	F-A	ACCEPTABLE
	1SX30008S	VT-3	F-A	ACCEPTABLE
	1VG03002S	VT-3	F-A	ACCEPTABLE
	1VQ05032S	VT-3	F-A	ACCEPTABLE

.

TABLE 4

1. Owner: Exelon Corporation, 4300 Winfield Rd., Warrenville, IL 60555						
2. Plant: Clinton Power Station, 8401 Power Road, Clinton, IL 61727						
3. Plant Unit: 1 4. Owner Certificate of 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 Pressure Testing.

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

ATTACHMENT 1

TABLE 4 Notes

1.	Owner:	Exelon	Corporation,	4300	Winfield Rd.,	Warrenville,	IL 60555

- 2. Plant: Clinton Power Station, 8401 Power Rd., Clinton, IL 61727
- 3. Plant Unit: 1
 4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: <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.

ATTACHMENT 2

- 1. Owner: Exelon Corporation, 965 Chesterbrook Blvd., Wayne, PA 19087
- 2. Plant: <u>Clinton Power Station, 8401 Power Rd., Clinton, IL 61727</u>
- 3. Plant Unit: 1

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>

15. Abstract of Examinations:

Examinations:

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 three (3) welds on Core Spray Internal Piping.

Condition Noted – Indications were identified on three (3) welds, BP2, CP2, and DP2. A small growth in welds BP2 and CP2 since C1R15 (2015) 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 OD ACCESS HOLE PATCH @ 325

Condition Noted - During the C1R19 outage examinations were performed on 325° Steam Dryer OD Access Hole Patch to monitor an indication identified in a previous outage. No discernible changes were noted. The Steam Dryer is not an ASME Section XI item.

Corrective Measures – Clinton Power Station has evaluated these indications and justified continued operation. This evaluation was documented in EC 629528.

SEPARATOR LIFTING ASSEMBLIES -

Condition Noted - During the C1R19 outage examinations were performed on Moisture Separator Lifting Assemblies. No discernible changes were noted on the 150° and 330° lifting rods between C1R14 and C1R19 outages.

However, a new indication was noted on the lower tack weld of the 80° Lifting Rod on the 70° side. Increased wear was noted on the 260° Lifting rod at the Upper Support ring interface and on both Lower tack welds where previous indications had been noted. New wear was also noted on the same Lifting rod at the Mid Support Ring interface.

Corrective Measures - Clinton Power Station has evaluated these indications and justified continued operation. This evaluation was documented in EC 629528.

FEEDWATER (FW) END BRACKETS BOLT STOP -

Condition Noted - During the C1R19 outage examinations were performed on the Feedwater End Bracket Bolt, Nut and Tack Welds. Except for the 097° Rod, no discernable changes were noted between C1R17 and C1R19 outages.

Corrective Measures - Clinton Power Station has evaluated these indications and justified continued operation. This evaluation was documented in EC 629528.

SURVEILLANCE SPECIMEN BRACKETS -

Condition noted - During the C1R19 outage examinations were performed on Surveillance Specimen Brackets. No discernible changes were noted between C1R17 and C1R19 outage (003°, 177°, or 183° bracket).

Corrective Measures – Clinton Power Station has evaluated these indications and justified continued operation. This evaluation was documented in EC 629528.

STEAM DRYER SUPPORT BRACKET @326 -

Condition Noted - During the C1R19 outage examinations were performed on 326° Steam Dryer Support Bracket. No discernible changes were noted between C1R17 and C1R19 outages.

Corrective Measures – Clinton Power Station has evaluated these indications and justified continued operation. This evaluation was documented in EC 629528.

Section 3

REPAIR AND REPLACEMENT DATA REPORTS

NIS-2 OWNER'S DATA REPORT

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

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

Following the listing of repairs or replacements are copies of NIS-2 Owner's Data Reports for all of the Class 1 and 2 repairs and replacements which CPS performed during this reporting period. The records for all Section XI repairs and replacements are available and located in the Clinton Records Vault.

Section 3 Repair and Replacement Summary

Repair and Replacement Summary									
)	NIS-2 Number	Class	Description						
	RF-19-003	2	Repaired by Welding Bonnet of Valve 1E12F053B						
	RF-19-004	2	Replaced Relief Valve 1E51F018 and associated studs and nuts						
	RF-19-009	1	Performed machining on the Outlet Flange Surface. Spare SRV Serial No. 160536						
	RF-19-010	1	Performed machining on the Outlet Flange Surface. Spare SRV Serial No. 160783						
	RF-19-011	1	Performed machining on the Outlet Flange Surface. Spare SRV Serial No. 160791						
	RF-19-012	1	Installed a Hellicoil in MS Safety Relief Valve. Spare SRV Serial No. 160782						
	RF-19-013	1	eplaced SRV 1B21F041A						
)	RF-19-014 1 Replaced SRV 1		Replaced SRV 1B21F041D and 2 Studs on Discharge Side						
	RF-19-015	1	Replaced SRV 1B21F047A						
	RF-19-016	1	Replaced SRV 1B21F047B and 5 Studs on Discharge Side						
	RF-19-017	1	Replaced SRV 1B21F051C						
	RF-19-018	1	Replaced SRV 1B21F051D and 3 Studs on Discharge Side						
	RF-19-022	2	Replaced Relief Valve 1E12F036						
	RF-19-025	1	Replaced Seventeen (17) CRDMs during C1R19. 1B13D008						
	RF-19-026	2	Replaced Relief Valve 1E21F018						
	RF-19-030	2	Replaced Plug Assembly of Valve 1C11F181.						
)	RF-19-034	1	Replaced Bolting on RPV Head Vent Piping Bolted Connections.						

Section 3 Repair and Replacement Summary

NIS-2 Number	Class	Description
RF-19-035	1	Replaced Trigger Assembly in Valve 1C41F004B
RF-19-038	2	Replaced Valves 1E12F018B, 1E12F046B, Piping, Flange, and small piping components and small valves.
RF-19-039	1	Replaced Poppet in Main Steam Isolation Valve 1B21F028B
RF-19-040	1	Replaced Poppet in Main Steam Isolation Valve 1B21F028C
RF-19-042	1	Replaced Poppet in Main steam Isolation Valve 1B21F022B
RF-19-043	1	Replaced Poppet and One Bolt in Main Steam Isolation Valve 1B21F022C. Also Repaired ID.
RF-19-044	2	Replaced Rupture Disk 1E51D001
RF-19-045	2	Replaced Rupture Disk 1E51D002
RF-19-046	1	Replaced two (2) hydraulic snubbers 1S102C and 1S102D to facilitate testing.
RF-19-047	1	Replaced three (3) hydraulic snubbers, 1S372B, 1S373A, and 1S373B to facilitate testing.
RF-19-048	2	Replaced four (4) Mechanical Snubbers 1RH09059S, 1RH09060S, 1RH09062S, and 1RH09065S.
RF-19-049	2	Replaced One (1) Mechanical Snubber 1MS38097S to facilitate testing.
RF-19-051	1	Replaced Three (3) Mechanical Snubbers 1FW01007S, 1FW02007S, and 1FW02010S to facilitate testing.
RF-19-053	. 1	Replaced a Mechanical Snubber 1NB01002S to facilitate testing.
RF-19-054	2	Replaced Two (2) Mechanical Snubbers 1RI01008S and 1RI02018S to facilitate testing.
RF-19-055	1,3	Replaced Six (6) Mechanical Snubbers (see remarks for EIN) to facilitate testing.

FORM	NIS-2 OWNER'S	5 REPORT FOR RI	EPAIRS OR R	EPLACEMENTS
As	Required by the	Provisions of th	e ASME Code	e Section XI

1. Owner:		Data Report No. RF-19-003						
	4200 Winfield Dd	Name	COFFE		Date	e: .	11/20/20)18
	4300 Winfield Rd., Warrenville, IL 60555 Address					et:	Lof	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1		
		Name			.'			
	8401 Power Rd, (7		480	8997 - 4	48 & 50	
	м., , ,	Address			Repa	iir Organii	zation P.O. No.,	Job No.
3. Work Per	rformed by: Clint	ton Power Statio	n		Туре Со	de Sym	bol Stamp: <u>N</u>	I/A
		Name			Authoriz	ation N	o: N/A	
	8401 Power Rd,	Clinton, IL 6172	.7		Evoirati	on Data	• N1/A	
	· · · · · · · · ·	Address		•	Expiration	JII Date		
						• •		
4. Identifica	ation of System: N	RH08					Code Class	2
5(a) Applica	able Construction (Code Pipe:	1974 Edi	tion	S74 A	ddenda	N/A	Code Case
	•	Component:	74 Edi	tion	S75 A	ddenda	see remark	Code Case
(b) Applica	able Edition of Sec	tion XI Utilized f	or Repairs	or Repla	cements	ASME	Sec XI, 2004	Ed;No Add
	n XI code Cases us							
6. Identifica	ation of Componer	nts Repaired or F	Replaced a	nd Repla	cement C	Compon	ents	
Name of	Name of	Manufacturer	National	Oth	er	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identifi	cation	Built	Replaced or Replacement	Code Stamped
V	ANCHOR DARLING	E-6214-16-2	N/A	1E12F	-053B	1979	Repaired	Yes
					· _	1 <u></u> 1		
L	<u> </u>	·				·		
7. Descript	ion: Repaired by	weldina Bonnet	of Valve 1	E12F053F	3.			

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Exempt
Pressure: psi Test Temp:
^o F

9. Remarks (Applicable Manufacturer's Data Reports to be attached): ASME Section III Code Cases - 1516.1, 1567, 1622, 1635.1, 1677

CERTIFI	ICATE OF COMPLIANCE
rules of the ASME Code, Section XI.	e report are correct and this $\frac{Repairs}{repair \text{ or replacement}}$ conform to
Type Code Symbol Stamp <u>NIA</u>	
Certificate of Authorization No. <u>N/A</u> Signed <u>Mirzo Bar</u> Owner or Owner's <u>Design</u> ee, Title	Date 11-20-, 2018
CERTIFICATE	E OF INSERVICE INSPECTION
Vessel Inspectors and the State of Province Steam Boiler Inspection and Insurance Co. components described in this Owner's Repo and state that to the best of my knowledge and taken corrective measures described in of the ASME Code, Section XI. By signing the makes any warranty, expressed or implied, measures described in this Øwner's Report.	bort during the period $_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{$

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

1 A. A.

1. Owner:					Data Report No. RF-19-004				
	4300 Winfield Rd	Name Warrensville II			Date	e:	11/26/20	018	
		Address	. 00555		She	et	1 of	1	
2. Plant:	Clinton Power Sta				Unit	: 1			
	Name								
	8401 Power Rd, Clinton, IL 61727				1186 -				
	Address				Repa	ir Organi	zation P.O. No.,	Job No.	
3. Work Performed by: Clinton Power Station			Type Co	de Syn	bol Stamp: N	lone			
		Name			Authoriz	ation N	lo: Not Applic	able	
	8401 Power Rd,	Clinton, IL 6172	7	_	Evniratio	n Date	: Not Applic		
	· · · ·	Address			Explicit	JII Date			
					·				
4. Identifica	ition of System: N	RI01			•		Code Class	2	
5(a) Applica	able Construction (Code Pipe:	1974 Ec	lition	S74 A	ddenda	n N/A	Code Case	
		Component:	1977 Ec	lition	S77 A	ddenda	n N/A	Code Case	
(b) Applica	able Edition of Sec	tion XI Utilized fo	or Repair	s or Rep	lacements	ASME	Sec XI 2004	Ed; No Add	
(c) Sectior	n XI code Cases us	ed N/A							
6. Identifica	ation of Componer	its Repaired or R	eplaced a	and Repl	acement C	Compon	ents		
Name of	Name of	Manufacturer	National		ther	Year	Repaired	ASME	
Component	Manufacturer	Serial Number	Board No	Ident	ification	Built	Replaced or	Code	
							Replacement	Stamped	
V	Anderson Greenwood	N99658-00-0002	N/A	1E5	1F018	2003	Replacement	Yes	
			-l1			L			
		×						I	
7. Descript	ion: Replaced Rel	ief Valve 1E51F0	18 and a	ssociated	d studs and	d nuts.			

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating	Pressure 🗹	
	Other 🗌	Exempt 🗆	Pressure:	990 psi	Test Temp:	N/A ⁰ F

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

Receiving Info:

Valve - Cat ID: ; UTC # - 2686360 Studs (8) - Cat ID: 1397175; UTC # - 4410763 Nuts (16) - Cat ID: 1394885; UTC # - 4369932

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. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A
Signed <u>Miran Bar</u> Engineer Date <u>11-26-</u> , 20 <u>18</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period $\underline{S}/\underline{a0}/\underline{a0}/\underline{a0}/\underline{b0}$ to <u>11/30/2018</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions Inspector's Signature National Board, State, Province, and Endorsements
Date 30 NOVEMBER, 2018

Po 58808 CAT IO 1389703-1 UTC 2686360 RCVO 2/19 04

Q.C.-44D-1A Sheet 1 of 2

. Manufactured by	Anderson Greenwood Gree	w 43 Kondai	ok St. Wrenther MAA 0000	.
	(Name and Ac	dress of N C	rtificate Holder)	
Crosby Factory Order No.	U699350000		Customer Order No.	0058808 R001
Manufactured for		LON GENEI		
			chaser or Owner)	
Location of Installation				
<u></u>	DS-C-99658 REV A	(Name and A	LOOTESS)	2002
(CRN)	(Drawing No.)	(Nat'l. 1	Brd No	2003
Valve JLT-JOS-15	TYPE J Identify	ing Nos.	N99658-00-00	<u>carbuit</u>) 12
(Model No., S	efies No.)	이 같은 것은 친구가 다.	(N Certificate Holder!e	Serial No.
Type SAFETY R	ELIEF Valve I.D)./Tag No.	F018-1E51	1E51-FD
Salety, Salety Relief; Pilot	; Power Actuated)			
Orifice Size <u>1.360</u> inch		2 inch	Outlet Size	3
Set Pressure (psig)	125	IIICII	170	inch
			170 Rated Relieving Temperatur	<u> </u>
Stamped Capacity <u>441 Gpm Wa</u>	ater@ 70 DEG.F @ 10 %-	Overpressure	Blowdown (nsig)	3 10≪ of S b
			210 #00 #11 (Paig)	<u></u>
Hydrostatic Test (psig) Inlet	450	Outlet	100	
		- (Aj	pplicable to Valves for Closed	1 Systems Only)
essure Retaining Pieces		الي ومنَّ القوار من حج م الم التي الحيات و		
Castings	Serial No. Identification		Material Specificatio	
Body	N99189-31-0002	and the second se	Including Type or G	ade
Bonnet.	<u>1199189-31-0002</u> N99192-31-0002	175 Barris .	ASME SA216 GR. WCB	
Bar Stock & Forgings	<u></u>	<u> </u>	ASME SA216 GR. WCB	
Nozzle	N99190-31-0002	and man designed by	ASME SA479 TYPE 316	
Disc	N99191-31-0002		ASME SA479 TYPE 316	
	N96660-34-0027		ASMIC SA4/9 TIFE 310	
Spring Washers	N96660-34-0028		ASME SA193 GR.B6	
그렇다 가족님 것 같아. 가지 나는 모님 편이 있어요? 사람	N97383-32-0005		ASME SA193 GR.B6	
Adjusting Bolt			NOME ON 175 UK DU	Service Andrews Construction of the
Adjusting Bolt Spindle		in the second	A set of the set of	
Spindle	N97381-33-0005	ini	ASME SA193 GR.B6	
Spindle Spring			A set of the set of	
Spindle Spring Solting	N97381-33-0005		ASME SA193 GR.B6	
Spindle Spring Solting Dther Pieces	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL:1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	
Spindle Spring Solting Dther Pieces	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL:1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	
Spindle Spring Solting Other Pieces Sonnet Stud	<u>N97381-33-0005</u> <u>NX5969-0001</u>		ASME SA193 GR.B6 ASTM A229 CL.1	

Form NV-1 (Back)	lder's Serial No.	N99658-00-	<u>0002</u>	Q.C44D-1A Sheet 2 of 2
<u>CE1</u>	<u>RTIFICATE OF CO</u>	<u>MPLIANCE</u>		
We certify that the statements made in this re construction of the ASME Code for Nuclear Addenda Summer 1977, Code Case	Power Plant Component	s, Section III, Div	rms to the rules of v. 1 $\frac{1977}{(Date)}$	Edition.
Class 2	Anderson Greenwood	and the second of the second providence of the second second second second second second second second second s		
Date <u>12 DEC 2003</u> Signed _	Wrentham, MA (N Certificate Holde	r) by <u>(</u>	<u>) of b. 0°C</u>	
Our ASME Certificate of Authorization No.	<u>N-1878</u> to	use the <u>NV</u>	_symbol expires	Sep. 30, 2004 (Date)
2	CERTIFICATE OF	DESIGN		· · · · · · · · · · · · · · · · · · ·
Design information on file at	Anderson Greenwood	Crosby - Wrentha	, MA	
Stress analysis report (Class 1 only) on file at				
Design specifications certified by ¹		R.C. Heider		
PE StateIL	Reg. No.	- · · · · · · · · · · · · · · · · · · ·	62-28860	
Stress report certified by 1		Charles Dowd	ا بيپيسيد جميديک اخوان مسيد مسيد مسيدي	ina alining transport
PE State MA	Reg. No.	4	39109	
¹ Signature not required - list name only.			i.	

CERTIFICATE OF SHOP 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 $\frac{1243}{1243}$ and employed by _____ABS Group Inc._____

of Houston, Texas have inspected the pump, or valve, described in this Data Report on

Dec. 16, 2003 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be 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 $12/(6_{,20} - 3_{)}$	ç.
Signed Richard Commissions TX 867	2
(Nat'l. Bd., State, Pro	v. and No.)

	FORM NIS-2 C As Require	WNER'S REP d by the Prov						;
1. Owner:	Exelon Corporation	on			Data	Repor	t No. RF-19-0)09
	Name			Date: 9/19/2019				
	4300 Winfield Rd	., Warrenville, <u>IL</u> Address	<u>. 60555</u>		Shee	t	L of	1
2. Plant:	Clinton Power Sta	ation Name		<u>~</u>	Unit:	1		
	8401 Power Rd.,		27		NWS	PO 61	.3282	
		Address		-	Repair	r Organi	zation P.O. No.,	Job No.
3. Work Pe	rformed by: Clint	on Power Statio					bol Stamp: <u>N</u>	
	0404 David D 1	Name			Authoriza	ation N	o: Not Applic	able
· •	8401 Power Rd.,				Expiratio	n Date	Not Applic	able
		Address				• *		
4. Identific	ation of System: N	Α					Code Class	1
5(a) Applic	able Construction (Code Pipe:	N/A Ed	ition	N/A Ac	idenda	N/A	Code Case
.,		Component:	1974 Ed		S76 Ac			Code Case
(b) Applic	able Edition of Sec	·		_	· · · · · · · · · · · · · · · · · · ·			
				s or kep	Jacements	ASME	Sec XI 2004	Ea; NO Aa.
	n XI code Cases us	sed <u>N/A</u>		· · · ·				
6. Identific	ation of Componer	its Repaired or R	eplaced a	and Rep	lacement Co	ompon	ents	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		Other tification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	DIKKERS	160536	41	SPA	RE SRV	1978	Repaired	Yes
		;				1		·

7. Description: Performed machining on the outlet flange surface. Liquid Penetrant (PT) performed after machining.

8. Tests Conducted:	Hydrostatic 🗌	Pneumatic 🗆	Nominal Operating Pressure \Box	
---------------------	---------------	-------------	-----------------------------------	--

Other 🗆 Exempt 🗆

Pressure: psi Test Temp:

°F

9. Remarks (Applicable Manufacturer's Data Reports to be attached): Pressure Test will be performed upon installation.

	ICATE OF COMPLIA	-
We certify that the statements made in the rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Signed <u>Nix 2 Base</u> Owner Owner's Designee, Title		his <u>Repair or replacement</u> conform to the repair or replacement Date <u>9 - 19 - , 2019</u>
CERTIFICAT	E OF INSERVICE IN	ISPECTION
I, the undersigned, holding a valid commis Vessel Inspectors and the State of Provinc Steam Boiler Inspection and Insurance Co components described in this Owner's Rep and state that to the best of my knowledg and taken corrective measures described in of the ASME Code, Section XI. By signing makes any warranty, expressed or implied measures described in this Owner's Repor shall be liable in any manner for any perso arising from or connected with this inspect Inspector's Signature Date Sept. , 20	te of <u>Illinois</u> and e b. Hartford, CT have inspe- port during the period <u>I</u> ge and belief, the Owner h in this Owner's Report in a this certificate neither the d, concerning the examinant. Furthermore, neither t onal injury or property da ttion.	employed by <u>The Hartford</u> cfed the <u>2011</u> to <u>9/19/2019</u> , has performed examinations accordance with the requirements Inspector nor his employer ations and corrective he Inspector nor his employer

1. Owner:	. Owner: Exelon Corporation			·	Data Report No. RF-19-010			
	4200 M/- 6-14 D.4	Name	COFFE		Date	e:	9/20/201	.9
	4300 Winfield Rd	<u>; vvarrenville, 11</u> Address	_ 60555	<u>.</u>	She	et1	of	1
2. Plant:	Clinton Power Sta	ation Name		•	Unit	: 1		
. ·	8401 Power Rd.;		27		· NW	S PO 61	3282	
-		Address					zation P.O. No., J	ob No.
3. Work Pe	rformed by: Clint	on Power Statio	n		Туре Со	de Sym	bol Stamp: N	one
		Name			Authoriz	ation N	o: Not Applica	able
	8401 Power Rd.;		27		Expirati	on Date	: Not Applica	able
		Address						
4. Identifica	ation of System: <u>N</u>	A					Code Class	1
5(a) Applica	able Construction (Code Pipe:	N/A Edi	ition	N/A A	ddenda	N/A	Code Case
		Component:	1974 Ed	ition	S76 A	ddenda		Code Case
	able Edition of Sec n XI code Cases us		or Repairs	s or Repl	acements	ASME	Sec XI 2004	Ed, No Ad.
	ation of Componer	·	Replaced a	and Repla	acement (Compon	ents	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		her fication	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	DIKKERS	160783	60	SPAF	E SRV	1978	Repaired	Yes
			-IL					L. <u>·</u> I
7. Descrip	tion: Performed m machining.	achining on the	outlet flar	nge surfa	nce. Liquic	l Penetr	ant (PT) perfo	ormed after
8. Tests Co	nducted: Hydros	static 🗆 Pneu	matic 🗆	Nomin	al Operati	ing Pres	sure 🗀	

Other 🗌 Exempt psi

Test Temp:

Pressure:

٥F

ER-AA-330-009

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):
 - Pressure Test will be performed upon installation.

CERT	IFICATE OF COMPLIANCE
rules of the ASME Code, Section XI.	the report are correct and this <u>Repair</u> conform to the repair or replacement
Type Code Symbol Stamp <u>NIA</u> Certificate of Authorization No. <u>NIA</u>	A
Signed Owner or Owner Designee, Title	Date <u>9-19-</u> , 20 <u>19</u>
CERTIFIC	ATE OF INSERVICE INSPECTION
Vessel Inspectors and the State of Prov Steam Boiler Inspection and Insurance components described in this Owner's and state that to the best of my knowle and taken corrective measures describe of the ASME Code, Section XI. By signi makes any warranty, expressed or imp measures described in this Owner's Re	Report during the period $7/30/19$ to $9/20/2019$, edge and belief, the Owner has performed examinations ed in this Owner's Report in accordance with the requirements ng this certificate neither the Inspector nor his employer lied, concerning the examinations and corrective port. Furthermore, neither the Inspector nor his employer ersonal injury or property damage or a loss of any kind

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

•

1. Owner:	Exelon Corporation	л [°]	20.9 ° 0.4		Data	Repor	t No. RF	-19-0	11
k		Name			Date	•		0/201	
	4300 Winfield Rd		60555		Dutt	· · · · · · · · · · · · · · · · · · ·	5/2		·
		Address			Shee	et 1	. <u> </u>	•	1
2. Plant:	Clinton Power Sta				Unit	: 1			
•	· · · · · · · · · · · · · · · · · · ·	Name					1. Se		
	8401 Power Rd.,		7			<u>5 PO 61</u>			
· • • • • •		Address	*		Кера	ir Organi	zation P.O,	NO., Jo	od No.
3. Work Per	formed by: Clint	on Power Station	ſ	•	Туре Со	de Sym	bol Stan	np: <u>N</u> o	one
	· · · · ·	Name			Authoriz	ation N	o: Not A	pplica	able
· ·	8401 Power Rd.,	Clinton, IL 6172	27		Expiratio	in Nato	Not A	nnlica	a blo
· · · ·		Address	s 14	·				phice	
	○ ¹			•		-	i.		
4. Identifica	ation of System: <u>N</u>	A	·			-	Code C	lass	1
5(a) Applica	able Construction (Code Pipe:	N/A Ed	ition	N/A A	ddenda	· .	N/A	Code Cas
· .		Component:	1974 Ed	ition	S76 A	ddenda	N	ONE	Code Cas
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair	s or Repl	acements	ASME	Sec XI 2	2004 E	Ed. No Ac
1.5	n XI code Cases us		•	• ·		· \	•		
6. Identifica	ation of Componer	its Repaired or R	eplaced a	and Repla	acement C	ompon	ents		
Name of	Name of	Manufacturer	National	Ot	her	Year	Repaire		ASME
Component	Manufacturer	Serial Number	Board No	Identi	fication	Built	Replace		Code
					· . ·	ан. С	Replacei	nent	Stamped
V	DIKKERS	160791	57	SPAR	E SRV	1978	Repair	ed	Yes
	•		J		<u>, </u>				
	· . ·								·
1 . A.									

8. Tests Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box Other 🗌 Exempt 🗌 Pressure: Test Temp:

psi

٥F

ER-AA-330-009

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):
 - Pressure Test will be performed upon installation.

C	CERTIFICATE OF COMP	
We certify that the statements marules of the ASME Code, Section > Type Code Symbol Stamp		nd this <u>Repaired</u> conform to the repair or replacement
Certificate of Authorization No.	N1 N	· · · · · · · · · · · · · · · · · · ·
Signed <u>Minace Bar</u> Owned Owner's Designed	ee Title	Date 9-20-, 2019
CERTI	FICATE OF INSERVICE	INSPECTION
of the ASME Code, Section XI. By makes any warranty, expressed of	Irance Co. Hartford, CT have in Iner's Report during the period knowledge and belief, the Own escribed in this Owner's Report y signing this certificate neither or implied, concerning the exar er's Report. Furthermore, neith any personal injury or property his inspection.	spected the $7/3$ 12 to $9/20/2019$, her has performed examinations t in accordance with the requirements the Inspector nor his employer minations and corrective her the Inspector nor his employer

(

FORM NIS-2 OWN	IER'S REPORT	FOR REPAIRS	OR REPLACEMENTS
As Required by	y the Provisio	ns of the ASME	Code Section XI

1. Owner:					Data Report No. RF-19-012				
	4000 MC - C - L - D - L	Name				:	9/20/20:	19	
	4300 WINTIEIA RA	.; Warrenville, 11 Address	; Warrenville, IL 60555 Address			et 1	of	1	
2. Plant:	Clinton Power Sta		· .		Unit	: 1			
		Name						•	
	8401 Power Rd.;		27			<u>5 PO 61</u>			
		Address			Repai	r Organiz	ation P.O. No., J	od No.	
3. Work Per	formed by: Clint	on Power Statio	n		Type Co	de Sym	bol Stamp: <u>N</u>	one	
	-	Name		,	Authoriza	ation N	o: Not Applica	able	
•	8401 Power Rd.;	Clinton, IL 6172	27		Evpiratio	n Data	Not Applic		
		Address			Expiratio	n Date			
4. Identifica	ition of System: N	A		r			Code Class	1	
5(a) Applica	able Construction (Code Pipe:	N/A Ed	ition	N/A A	ddenda	· N/A	Code Case	
		Component:	1974 Ed	ition	S76 A	ddenda	NONE	Code Case	
(b) Applica	able Edition of Sec	tion XI Utilized f	or Repairs	s or Repl	acements	ASME	Sec XI 2004	Ed.: No Ad.	
	n XI code Cases us								
(0) 0000.01				· · ·					
6. Identifica	ation of Componer	its Repaired or F	Replaced a	ind Repla	acement C	ompone	ents		
Name of	Name of	Manufacturer	National		her	Year	Repaired	ASME	
Component	Manufacturer	Serial Number	Board No	Identi	fication	Built	Replaced or Replacement	Code Stamped	
		··					neplacement	Stamped	
V	DIKKERS	160782	47	SPAF	E SRV	1978	Repaired	Yes	
					•.				
1			•						
L			· · · · ·			_			

7. Description: Installed a Hellicoil in MS Safety Relief Valve S/N 160782.

8. Tests Conducted:	Hydrostatic	□ Pneumatic	🛛 Nominal	Operating	Pressure 🗆	
	Other 🗌	Exempt 🗆	Pressure:	psi	Test Temp:	٥F

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

This Hellicoil was provided to NWS by Clinton Power Station. FDDR # LH1-5839 Rev.0 provides justification for drilling and tapping dimensions are technically acceptable with no impact to the structural, functional reliability or integrity of the SRV. Hellicoil was purchased by Illinois Power under PO # 519419.

See Clinton Drawing # VPF 5529-001 R/7.

Pressure Test will be performed upon installation.

	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this $\frac{\text{Repaired}}{\text{repair or replacement}}$ conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp
	Certificate of Authorization NoN/A
	Signed <u>Ramos Cruz</u> Date <u>09/20</u> , 20 <u>19</u> Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
-	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>Illia 2017</u> to <u>9/20/2019</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. <u>Inspector's Signature</u> Date <u>JSEPT</u> , 20 <u>19</u>

۱.

FORM NIS-2 OWN	ER'S REPORT FO	R REPAIRS OR	REPLACEMENTS
As Required by	y the Provisions (of the ASME Co	de Section XI

1. Owner:	Exelon Corporation				Data	Repor	t No. RF-1	9-01	.3
	4200 Minfield Dd	Name			Date	:	10/19/	/201	.9
	4300 Winfield Rd,	Address	60555		Shee	t1	L of		1
2. Plant:	Clinton Power Sta	wer Station			Unit:	1			
	8401 Power Rd, C	linton. IL 61727	,		1798	690-01	1		
	يلكون والمحتم شداع المواجع						zation P.O. No	o., Jo	b No.
3. Work Performed by: Clinton Power Station					Туре Сос	le Sym	bol Stamp	: <u>No</u>	ne
		Name			Authoriza	ation N	o: Not App	olica	ble
	8401 Power Rd, (· · · · · · ·	7		Expiratio	n Date	: Not App	lica	hle
		Address	1		, - , proces		<u></u>	199	
,									
4. Identifica	ition of System: <u>N</u>	GE02					Code Cla	SS	1
5(a) Applica	able Construction (•	1974 Ed		S74 Ad	~			Code Case
		Component:	1974 Ed	ition	S76 Ad	denda	N,	/A (Code Case
	able Edition of Sec n XI code Cases us		or Repair	s or Repla	acements	ASME	Sec XI 200)4 E	d; No Ad.
							<u></u>		
	ation of Componen					•			
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		ner fication	Year Built	Repaired Replaced c Replaceme		ASME Code Stamped
V	DIKKERS	160536	41	1B21	F041A	1978	Replaced	ł	Yes
	I		ll						
	· · · · ·								
		۰.	į				; `		1. I
								-	
7. Descript	ion: Replaced SR	/ 1B21F041A.							

8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑ Other □ Exempt □ Pressure: 1027 psi Test Temp: °F

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

Receiving Info:

SRVL: Cat ID - 1100041; UTC # - 2567645

CERTIFICATE OF CO	· · · · · · · · · · · · · · · · · · ·						
We certify that the statements made in the report are corrective rules of the ASME Code, Section XI. Type Code Symbol Stamp $\underline{N/A}$	ect and this <u>Replacement</u> conform to the repair or replacement						
Certificate of Authorization No. NIA							
Signed <u>Miria Baip</u> Engineer Owner or Owner's Designee, Title	Date <u>10 - 19 -</u> , 20 <u>19</u>						
CERTIFICATE OF INSERV	CERTIFICATE OF INSERVICE INSPECTION						
I, the undersigned, holding a valid commission issued by the Vessel Inspectors and the State of Province of <u>Illinois</u> . Steam Boiler Inspection and Insurance Co. Hartford, CT has components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the and taken corrective measures described in this Owner's Report during the period of the ASME Code, Section XI. By signing this certificate new makes any warranty, expressed or implied, concerning the measures described in this Owner's Report. Furthermore, shall be liable in any manner for any personal injury or provarising from or connected with this inspection.	and employed by <u>The Hartford</u> ve inspected the eriod to <u></u> 10/19/2019 , Owner has performed examinations eport in accordance with the requirements ither the Inspector nor his employer examinations and corrective neither the Inspector nor his employer						

	FORM NIS-2 0 As Require	WNER'S REP d by the Prov						5
1. Owner:	Exelon Corporation	n			Data	Report	No. RF-19-	014
		Name			Date	•	10/19/20	
	4300 Winfield Rd		60555	<u> </u>				-
		Address			Shee	t1	of	1
2. Plant:	Clinton Power Sta	ntion Name	-		Unit:	1		•
	8401 Power Rd, (Clinton, IL 6172	7		1798	689-01	•	
	Contractor Star as	Address	· .				tion P.O. No.,	Job No.
3. Work Pe	formed by: Clint	on Power Statio	n		Type Cod	le Symb	ol Stamp: <u>N</u>	Í.A
		Name			Authoriza	ition No	: Not Applic	able
. • .	8401 Power Rd, (<u> </u>	Expiratio	n Date:	Not Applic	ahle
<i>a</i>		Address	· · · · ·	5 4 4 - 12 - 12 - 12 - 12 - 12 - 12 - 12	Expiratio	Duci	<u>10007.000</u>	<u> </u>
4. Identifica	ation of System: N	GE02	<u></u>	11.2	1		Code Class	1
5(a) Applica	able Construction (Code Pipe:	1974 Ed	ition	S75 Ad	Idenda	N/A	Code Case
		Component:	1974 Ed		S76 Ac		•	Code Case
(b) Applie		•						
	able Edition of Sec n XI code Cases us		or Repairs	s or Repla	icements	ASMES	Sec XI 2004	Ed; No Ad.
	ation of Componer					-		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Oth Identifi		Year Built	Repaired Replaced or	ASME Code
Compensit			Doard No	laenan	Gallon		Replacement	Stamped
· V	DIKKERS	160788	54	1B21F	041D	1978	Replaced	Yes
, T	•						· · ·	
	· · · · · · · · · · · · · · · · · · ·	,					· · ·	

7. Description: Replaced SRV 1B21F041D and 2 Studs on discharge side.

8. Tests Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure $ar{ar{}}$

Other 🗆 🔹 Exempt 🗆

Pressure: 1027 psi Test Temp: ٥F

9. Remarks (Applicable Manufacturer's Data Reports to be attached): Receiving Info: SRV: Cat ID - 1100041; UTC# - 2567647 Discharge Studs 2 Each: Cat ID - 1145888; UTC# - 2800087

CERTIFICATE OF COMPLIA	
We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI.	s <u>Replacement</u> conform to the repair or replacement
Type Code Symbol Stamp <u>NIA</u>	
Certificate of Authorization No. NJA	
Signed <u>Mirze Barine Engineer</u> Owner of Owner's Designee, Title	Date <u>10-19-</u> , 20 <u>19</u>
CERTIFICATE OF INSERVICE INS	SPECTION
I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of <u>Illinois</u> and emsteam Boiler Inspection and Insurance Co. Hartford, CT have inspect components described in this Owner's Report during the period <u>Illinois</u> and state that to the best of my knowledge and belief, the Owner has and taken corrective measures described in this Owner's Report in act of the ASME Code, Section XI. By signing this certificate neither the Immakes any warranty, expressed or implied, concerning the examination measures described in this Owner's Report. Furthermore, neither the Immakes any warranty, expressed or implied, concerning the examination measures described in this Owner's Report. Furthermore, neither the Immakes any mariner for any personal injury or property dama arising from or connected with this inspection.	nployed by <u>The Hartford</u> ed the <u>a</u> <u>u</u> to <u>10/19/2019</u> , s performed examinations cordance with the requirements inspector nor his employer ons and corrective e Inspector nor his employer

1. Owner:						Data Report No. RF-19-015				
	4200 Winfield Dd	Name	COLLE		Date	:	10/19/20	19		
	4300 Winfield Rd	Address	00000		Shee	t1	of	1		
2. Plant:	Clinton Power Sta	ation Name			Unit:	1				
	8401 Power Rd, (7		4796	814-01				
	- 2. m. 2. 4.						ation P.O. No., J	ob No.		
3. Work Pe	rformed by: Clint	on Power Statio	n		Type Coc	le Syml	ool Stamp: N	/A		
	·	Name			Authoriza	ation No	: Not Applic	able		
	8401 Power Rd,	Clinton, IL 6172	7		· · · · · · ·					
: :		Address	•	<u> </u>	Expiratio	n Date:	Not Applic	apie		
						t				
4. Identifica	ation of System: N	GEO2	··				Code Class	1		
5(a) Applica	able Construction (Code Pipe:	1974 Ed	dition	S74 Ac	Idenda		Code Case		
		Component:	1974 Ed	dition	S76 Ac	ldenda	NONE	Code Case		
	able Edition of Sec		or Repair	rs or Repla	acements	ASME	Sec XI 2004	Ed; No Ad.		
(c) Section	n XI code Cases us	sed N/A								
6. Identifica	ation of Componer	its Repaired or R	Replaced	and Repla	cement Co	ompone	ents			
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Oti Identif	ner ication	Year Built	Repaired Replaced or Replacement	ASME Code Stamped		
V	DIKKERS	160782	47	1B21I	F047A	1978	Replaced	Yes		
				l		I				
								-		
7. Descript	tion: Replaced SR	/ 1B21F047A.								

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Exempt
Pressure: 1027 psi Test Temp:

٥F

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

Receiving Info: SRV: Cat ID - 1100042; UTC# - 2567637

rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NJA</u> Certificate of Authorization No. <u>NJA</u>	<u>Ia cement</u> conform to the or replacement
Certificate of Authorization No. <u>NIA</u> Signed <u>Hiros Barl Engineer</u> Date Owner or Owner's Designee, Title	<u>10-19-</u> , 20 <u>19</u>
	ι
CERTIFICATE OF INSERVICE INSPECT	ION
I, the undersigned, holding a valid commission issued by the National Board Vessel Inspectors and the State of Province of <u>Illinois</u> and employed Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>II28119</u> and state that to the best of my knowledge and belief, the Owner has perfor and taken corrective measures described in this Owner's Report in accordance of the ASME Code, Section XI. By signing this certificate neither the Inspector makes any warranty, expressed or implied, concerning the examinations and measures described in this Owner's Report. Furthermore, neither the Inspector shall be liable in any manner for any personal injury or property damage or arising from or connected with this inspection.	by The Hartford, to, rmed examinations ce with the requirements or nor his employer d corrective ctor nor his employer a loss of any kind

	As Require	d by the Prov	isions c	of the A	SME Co	de Se	ction XI		
1. Owner:	Exelon Corporation	on Name			Data Report No. RF-19-016				
	4300 Winfield Rd		60555		Dat	e:	10/19/20	019	
		Address	00333		She	et1	L of	1	
2. Plant:	Clinton Power Sta	ation Name			Unit	: 1			
	8401 Power Rd,	Clinton IL_6172	7 .		179	8694-01			
1. N		Address			Repa	ir Organi	zation P.O. No.,	Job No.	
B. Work Pe	rformed by: Clin	ton Power Statio	n		Type Co	de Sym	bol Stamp: <u>N</u>	I/A	
	•	Name			Authoriz	ation N	o: Not Applic	able	
	8401 Power Rd,		7. ~	وليم <u>والما الم الم</u>	Expiratio	on Date	: Not Applic	able	
	· · ·	Address			,	, ,			
4. Identifica	ation of System: <u>N</u>	GE02	. <u>.</u>				Code Class	1	
5(a) Applica	able Construction	Code Pipe:	1974 Ed	ition	S75 A	ddenda	N/A	Code Case	
	· . · · .	Component:	1974 Ed	ition	S76 A	ddenda		Code Case	
	able Edition of Sec n XI code Cases us		or Repairs	s or Repl	acements	ASME	Sec XI 2004	Ed; No Ad.	
	ation of Componer		eplaced a	nd Repla		`omnon	ents	<u> </u>	
Name of	Name of	Manufacturer	National	Oti		Year	Repaired	ASME	
Component	Manufacturer	Serial Number	Board No	Identil	ication	Built	Replaced or Replacement	Code Stamped	
V	DIKKERS	160791	57	1B21	-047B	1978	Replaced	Yes	
	· ·		· ·	<u> </u>		<u> </u>		1	
		n an				•	₩eF	an an An Anna An Anna	
7. Descript	tion: Replaced SR	/ 1B21F047B and	1 5 Studs	on Disch	arge Side	Ĩ.		÷.	
· · · · · · · · · · · · · · · · · · ·	·····			on Disch	arge olde	•	•	÷	
3. Tests Co	nducted: Hydros	tatic 🗆 Pneu	matic 🗆	Nomina	al Operati	na Pres	sure 🗹		
3. Tests Co	nducted: Hydros Other 🗌	itatic 🗆 Pneui] Exempt 🗆						N/A ^o F	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS.

9. Remarks (Applicable Manufacturer's Data Reports to be	e attached):
Receiving Info: SRV: Cat ID - 1100042; UTC# - 2567638	
Discharge Side Studs: Cat ID - 1145888; UTC # - 2800	087
CERTIFICATE OF C	
We certify that the statements made in the report are con	rect and this Replacementonform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NIA	······
Certificate of Authorization No. NJA	
Signed Mirze Bar Engineer	Date <u>11 – 16</u> , 20 <u>19</u>
Owner or Owner's Designee. Title	
CERTIFICATE OF INSER	VICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT components described in this Owner's Report during the and state that to the best of my knowledge and belief, th and taken corrective measures described in this Owner's of the ASME Code, Section XI. By signing this certificate makes any warranty, expressed or implied, concerning th measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or p arising from or connected with this inspection.	and employed by The Hartford have inspected the period 11/25/2019, , to 11/25/2019, , to 11/25/2019, , to 11/25/2019, , to evaninations Report in accordance with the requirements neither the Inspector nor his employer the examinations and corrective the inspector nor his employer
Inspector's Signature	National Board, State, Province, and Endorsements
Date 25 Nov., 20 9	
	1

	As Require	d by the Prov	visions	of the ASME (code Se	ection	XI			
1. Owner:	Exelon Corporation	<u>on</u>	,	D	Data Report No. RF-19-017					
	4300 Winfield Rd	Name Warrenville II	60555		ate: _	· · · · · -	0/19/20			
		Address	00555	SI	neet	1	of	1		
2. Plant:	Clinton Power Sta	ation Name		U	nit: 1	····				
	8401 Power Rd,		7		798696-0					
	and the second sec	Re	pair Orga	nization F	'.O. No., J	ob No.				
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A							/A ·			
·		Name		Autho	rization	No: No	t Applica	able		
8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable						able				
	, • · · · ·	Address		الاستنباع موجد ما مان المواجع ال		ar tong		<u>.</u>		
4. Identifica	ation of System: N	GE02				Code	e Class	1		
5(a) Applic	able Construction	Code Pine	1974 Ed	ition \$74	Addend		· · · · · -	Code Case		
-(-)		Component:	1974 Ed		Addenc			Code Case		
(b) Applic (c) Section	able Edition of Sec n XI code Cases us	tion XI Utilized fo								
6. Identifica	ation of Componer	its Repaired or R	eplaced a	and Replacement	: Compo	nents				
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repla	aired aced or acement	ASME Code Stamped		
V	DIKKERS	160783	60	1B21F051C	1978	Rep	laced	Yes		
	· · · · · ·				:	· · ·		·		
7. Descript	ion: Replaced SR	/ 1B21F051C.					,*:			
8. Tests Co	nducted: Hydros Other 🗆		natic 🗆 Pre	Nominal Opera essure: 1027 p	-	ssure 🛛		°F		

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

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

Receiving Info: SRV: Cat ID - 1100043; UTC# - 2558178

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conform to the repair or replacement Type Code Symbol Stamp <u>NIA</u> Certificate of Authorization No. <u>NIA</u> Signed <u>Mixae Barie Engineer</u> Date <u>10-19-</u> , 20 <u>19</u>
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>The Hartford</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>1/3119</u> to <u>10/19/2019</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

	As Require	d by the Pro	visions	of the A	SME Co	ode Se	ction XI	a		
1. Owner:	. Owner: <u>Exelon Corporation</u> Name <u>4300 Winfield Rd, Warrenville, IL 60555</u> Address					Data Report No. RF-19-018 Date: 10/19/2019				
2. Plant:	2. Plant: <u>Clinton Power Station</u> Name <u>8401 Power Rd, Clinton, IL 61727</u> Address					Sheet <u>1</u> of <u>1</u> Unit: <u>1</u> <u>4796815-01</u>				
3. Work Pe	rformed by: Clin	ton Power Static Name	}		Type Co	ode Syn	ization P.O. No., . hbol Stamp: N lo: Not Applic	/A		
4. Identifica	8401 Power Rd,	Address	27	and the second second	Expirati	on Date	Not Applic	aþle 1		
(b) Applic	able Construction able Edition of Sea n XI code Cases u	Component:	1974 Ed 1974 Ed for Repair	lition	S76 /	Addenda Addenda ASME	a N/A	Code Case Code Case Ed; No Ad.		
6. Identifica Name of Component	ation of Componer Name of Manufacturer	nts Repaired or F Manufacturer Serial Number	Replaced a National Board No	Ot	her fication	Compon Year Built	ents Repaired Replaced or Replacement	ASME Code Stamped		
V.	DIKKERS	160785	56	1B21	F051D	1978	Replaced	Yes		
7. Descript	ion: Replaced SR	V 1B21F051D an	d 3 Studs	on Disch	narge Side	÷.				
8. Tests Co	nducted: Hydros Other 🗆	static						N/A ^o F		

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

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

SRV: Cat ID - 1100043; UTC# - 2567658 Studs on Dischrge Side: Cat ID - 1145888; UTC # - 3104435

CERTIFICATE OF COMPLIAN	ICE
We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NJA</u>	Replacement to the repair or replacement
Certificate of Authorization No. NIA	
Signed <u>Mirza Barl</u> Engineer Owner or Owne r's Designee, Title	Date <u>11-16-</u> , 20 <u>19</u>
CERTIFICATE OF INSERVICE INS	PECTION
I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of <u>Illinois</u> and em Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected components described in this Owner's Report during the period <u>Il</u> and state that to the best of my knowledge and belief, the Owner has and taken corrective measures described in this Owner's Report in acc of the ASME Code, Section XI. By signing this certificate neither the Im makes any warranty, expressed or implied, concerning the examination measures described in this Owner's Report. Furthermore, neither the shall be liable in any manner for any personal injury or property dama arising from or connected with this inspection.	ployed by The Hartford d the 30 19 to <u>11/16/2019</u> , performed examinations cordance with the requirements ispector nor his employer ins and corrective Inspector nor his employer
Date 19 Nov. , 2019	

	FORM NIS-2 C As Require	WNER'S REP d by the Prov	ORT FO isions (R REPA	IRS OR SME Co	REPL de Se	ACEMENTS	5
1. Owner:	Exelon Corporation	on			Data	a Repor	t No. RF-19-()22
	4300 Winfield Rd	Name , Warrenville, IL	60555		Date		10/29/20	
		Address		,	Shee	et	1: of `	1
2. Plant:	Clinton Power Sta				Unit	: 1	,	
			-					
	8401 Power Rd, (/			<u>1456-0</u>		
.*	and the second sec	Address			Repa	ir Organi	zation P.O. No.,	Job No.
3. Work Pe	rformed by: Clini	ton Power Station	1				bol Stamp: <u>N</u>	<u> </u>
		Name			Authoriz	ation N	lo: Not Applic	able
T^{**} :	8401 Power Rd,	Clinton, IL 6172	7	 24. 1 - 1 - 1 - 1 - 1	Expiratio	on Date	: Not Applic	able
				· · ·			-	
4. Identifica	ation of System: N	RH01					Code Class	2
5(a) Applica	able Construction	Code Pipe:	1974 Ed	lition	S74 A	ddenda	n N/A	Code Case
		Component:	1977 Ed	lition	S77 A	ddenda		Code Case
(h) Applic	able Edition of Sec	tion XI Utilized f	or Donair	s or Popla				
	n XI code Cases u					ASML	Sec XI 2004	Eu, NO Au.
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Repla	cement C	ompon	ents	
Name of	Name of	Manufacturer	National	Oth		Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identifi	cation	Built	Replaced or Replacement	Code Stamped
V	Crosby	N99652-00-0003	N/A	1E12	F036	2019	Replaced	Yes
			· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·
7. Descript	tion: Replaced Rel	ief Valve 1E12F0	36.	· .				-
8. Tests Co	nducted: Hydros	static 🗌 Pneur	natic 🗆	Nomina	ıl Öperatir	ng Pres	sure 🗹	al .
	Other	Exempt	Pro	essure:	57 psi	Te	est Temp:	N/A ^o F

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

Receiving Info: Relief Valve: Cat ID - 1389487; UTC # - 4447097

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conform to the repair or replacement
Certificate of Authorization No. NIA
Signed <u>Hiva Bano Engineer</u> Date <u>10-29</u> , 20 <u>19</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>The Hartford</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>14444</u> to <u>10/29/2019</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising homor connected with this inspection.

Ravo	8/19/19 070	C 444 70 97 O.C. 44D-1A Sheet 1 of 2
FORM NV-1, N CERTIFICATE B As required h	OLDERS' DATA REPORT FOR SA y the Provisions of the ASME Code, Se	FETY AND SAFETY RELIEF VALVES
	2.16 ANNO BELLY MERINER TO A CONTRACT OF A	
(a) A set of the se	a the second	Rest and a start start of the second of the second start of the second start of the second start of the second
1. Manufactured by	Crosby Valve, LLC, 55 Cabot Blvd	, Mansfield, MA 02048
	(Name and Address of N Ce	rtificate Holder)
Crosby Factory Order No.	G723970000	Customer Order No. 00662316
2. Manufactured for	EXELON BUSINESS	TDIACT CO
	(Name and Address of Pur	chaser or Ourses)
3. Location of Installation	CLINTON NUCLEAR S	TA:-CLINTON IL
and the second	Name and	denie management - the second and the second and the second second second
4D	S-C99652 REV. C	2019
(CRN)	(Drawing No.)	Brd. No.) (Year Built)
5. Valve JLT-JOS-35 TYPE (Model No., Series)	Identifying Nos.	
Type SAFETY RELIEF (SP		(N Certificate Holder's Serial No.)
Safety, Safety Relief; Pilot; Pow	er Actuated)	SPARE
Orifice Size 4 L 6		Outlet Size 6
inch	inch	
6. Set Pressure (psig)	· · · · · · · · · · · · · · · · · · ·	140°F
		Rated Relieving Temperature
Stamped Capacity	R @ 70°F @ _ 10 % Overpressure	Blowdown (psig) 10%
1. A.		
Hydrostatic Test (psig) Inlet	0utlet	
Pressure Retaining Pieces		Applicable to Valves for Closed System's Only)
Tressue Relating Trees	Serial No.	
a. Castings	Identification	Material Specification Including Type or Grade
Body	N99172-32-0003	
Bonnet	N99339-32-0003	ASME SA216 GR. WCB ASME SA216 GR. WCB
b. Bar Stock & Forgings		ASIVIE SAZIO GK. WCB
Nozzle	N99337-32-0003	
Disc Insert	N99338-32-0003	ASME SA479 TYPE 316
	N97627-37-0024	ASME SA479 TYPE 316
Spring Washers	N97627-37-0023	
Adjusting Bolt	N97629-43-0018	ASME SA193 GR B6
Spindle Pt.	N98826-38-0009	ASME-SA193 GR B6
c. Spring	CARGOLIC CONTRACTOR OF A CONTRACTOR OF	ASME SA193 GR B6
d. Bolting	NX17057-0003	ASTM A229 CL. 1
e. Other Pieces		and the second first and a second
Bonnet Stud (Qty.6)	a state commence - some commence	and the second of the second
Bonnet Stud Nut (Oty.6)	N95990-Q661=A N95987-42 ATT	ASME SA193 GR B7
	137.170/#4/811	A NRAW NA TOA 730 MTT

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	CULL 7		م بالمراجع م المراجع الم المراجع الم المراجع الم المراجع الم المراجع المراجع المراجع المراجع المراجع المراجع ال		
Form NV-1 (Back)	Certificate Holder's S	serial No.	<u>N99652-00-0</u>	003	Q.C44D-1A Sheet 2 of 2
, in the second seco Second second	SAL FRANK TO	<u>ICATE OF COM</u>			n an shekarar kata she san
construction of the ASM	nents made in this report an E Code for Nuclear Power <u>1977</u> , Code Case No.	Plant Components, Se		o the rules of <u>1977</u> (Date)	Edition.
_(Date) Class 2	and the state of the second second Second second	Crosby Valve, LLC		•	
Date 17 May 2014	متعصير والمستحد بالمعاص	Mansfield, MA (N Certificate Holder)		Jupin Skar	
Our ASME Certificate o	f Authorization No.	N-1878 to 1	use the <u>NV</u>	symbol expires	20-Sep-19 (Date)
	CEI	RTIFICATE OF D	FSIGN	· · · ·	and and a second se
ی اگریکی کرد. این این کرد این کرد این			<u>201011</u>		
Design information on f	ile at Crosb	y Valve, LLC - Mansf	eld, MA		
Stress analysis report (C	Class 1 only) on file at			· · · · · · · · · · · · · · · · · · ·	
Design specifications ca	artified by ¹		R.C. HEIDE	R	
PE State	<u> </u>	Reg. No.		62-28860	
Stress report certified b	y 1		N/A		
PE State	N/A	Reg. No.		N/A	-
¹ Signature not require		· · ·			

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<u>CERTIFICATE OF SHOP INSPECTION</u>

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ן ני	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	ļ
1	of <u>Hartford, CT</u> have inspected the pump, or valve, described in this Data Report on <u>5-16,3019</u> and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code for Nuclear Power Plant Components.	
. (By signing this certificate, neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be 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 May 17, 2019 Signed May 17, 2019 (Inspector) Commissions / <u>VB 7883, A, B, N, I, R, IA, IS, MA-140</u>	6

1. Owner:						_ Data Report No. RF-19-025				
	4200 Winfield Dd	Name	COFFE		Date: 11/1/2019					
	4300 Winfield Rd	Address	00000		Sheet	t1	l of	1		
2. Plant:	Clinton Power St	ation Name			Unit:	1				
	8401 Power Rd,		7		1836	842-02	2 thru 18			
	1343181.200	Address			Repair	Organi	zation P.O. No., J	ob No.		
3. Work Pe	rformed by: Clin	ton Power Statio	n		Type Cod	e Sym	ibol Stamp: No	one		
		Name		<u> </u>	Authoriza	tion N	o: Not Applica	able		
		Clinton, IL 6172	7							
121		Address								
					•		···· *			
4. Identifica	ation of System:	IGE01					Code Class	1		
5(a) Applica	able Construction	Code Pipe:	N/A Ed	ition	N/A Ad	Idenda	a N/A	Code Case		
		Component:	71 Ed	ition	S73 Ad	ldenda	a N/A	Code Case		
(b) Applic	able Edition of Se	ction XI Utilized f	or Repairs	s or Repla	cements	ASME	Sec XI 2004 I	Ed; No Ad.		
(c) Sectio	n XI code Cases u	sed N/A				;	• •			
6. Identific	ation of Compone	nts Repaired or F					ents			
Name of	Name of	Manufacturer	National	Othe		Year	Repaired	ASME		
Component	Manufacturer	Serial Number	Board No	Identific	ation	Built ·	Replaced or Replacement	Code Stamped		
Т	CB&I	Various	Various	1B13E	0008	1978	Replacement	Yes		
	J						· · ·			
		· · ·								
L					· · · · ·					
7. Descrip	tion: Replaced Se	venteen (17) CR	DMs durin	g C1R19.			1. 			
				• .						
8. Tests Co	onducted: Hydro	static 🗆 Pneu	matic 🗆	Nomina	l Operatin	g Pres	sure 🗹			

Other
Exempt

Pressure: 1027 psi Test Temp:

N/A⁰F

 Remarks (Applicable Manufacturer's Data Reports to be attached): Replaced Seventeen (17) Control Rod Drive Mechanisms (CRDMs) during C1R19. Code Cases for Construction Code - 1141, 1332, 1361-2, 1557-1, and N-207 See Continuation Sheet for Material Procurement Data.

CERTIFICATE OF COMPL	IANCE
We certify that the statements made in the report are correct and rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NIA</u>	I this Replace Ment conform to the repair or replacement
Certificate of Authorization No. <u>NJA</u>	
Signed Mirae Bor Engineer Owner Designee, Title	Date <u>\\-)</u> _, 20 <u>19</u>
CERTIFICATE OF INSERVICE I	INSPECTION
I, the undersigned, holding a valid commission issued by the Nation Vessel Inspectors and the State of Province of <u></u>	d employed by <u>The Hartford</u> begin to <u>11/1/2019</u> , has performed examinations n accordance with the requirements he Inspector nor his employer nations and corrective the Inspector nor his employer

NIS-2 RF-19-025 (cont.) Page 3 of 3 Work Order 1836842 Tasks 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, and 18.

CRDM Replacement Task/Location	
· · · · · · · · · · · · · · · · · · ·	Associated Bolting Cat ID & UTC
Task 02 / 28-33	A4164 & UTC 2558543;
· · · · · · · · · · · · · · · · · · ·	Cat ID-1147766 & UTC 4370354
Task 03 / 04-17	SE1530 & UTC 4459184;
	Cat ID-1147766 & UTC 4370354
Task 04 / 08-33	7114 & UTC 2744487;
	Cat ID-1147766 & UTC 4370354
Task 05 / 24-41	A3349 & UTC 2744558;
	Cat ID-1147766 & UTC 4370354
Task 06 / 36-13	A2626 & UTC 2638514;
·	Cat ID-1147766 & UTC 4370354
Task 07 / 36-21	8671 & UTC 2744580;
·	Cat ID-1147766 & UTC 4370354
Task 08 / 36-33	8974 & UTC 2744482;
	Cat ID-1147766 & UTC 4370354
Task 09 / 08-13	A4798 & UTC 2744470;
	Cat ID-1147766 & UTC 4370354
Task 10 / 12-29	A3225 & UTC 2744570;
	Cat ID-1147766 & UTC 4370354
Task 11 / 12-17	A3216 & UTC 2558542;
	Cat ID-1147766 & UTC 4370354
Task 12 / 16-53	8146 & UTC 2744579;
· .	Cat ID-1147766 & UTC 4370354
Task 13 / 36-17	9412 & UTC 2744539;
· · ·	Cat ID-1147766 & UTC 4370354
Task 14 / 40-05	A3351 & UTC 2744519;
	Cat ID-1147766 & UTC 4370354
Task 15 / 04-25	A2520 & UTC 2744491;
	Cat ID-1147766 & UTC 4370354
Task 16 / 20-17	SE1529 & UTC 4459183;
	Cat ID-1147766 & UTC 4370354
Task 17 / 36-53	A2524 & UTC 2744489;
	Cat ID-1147766 & UTC 4370354
Task 18 / 52-25	A2600 & UTC 2744466;
	Cat ID-1147766 & UTC 4370354

	As Require	d by the Prov	isions o	of the A	SME Co	de Se	ction XI	
1. Owner:	Exelon Corporation	on			Data Report No. RF-19-026			
•	Name 4300 Winfield Rd, Warrenville, IL 60555						11/12/2019	
	4300 WINTIEIA RA	, Warrenville, IL (Address	60555		She	et 1	L of	1
2. Plant:	Clinton Power Sta				Unit	t: 1		
	8401 Power Rd,		1	· •	480	5102-0:	 [
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Address		ι.	Repa	air Organi	zation P.O. No., J	ob No.
3. Work Pe	rformed by: Clini	ton Power Statior	ı		Type Co	ode Sym	ibol Stamp: <u>N</u>	Α.
. a.		Name			Authoriz	zation N	o: Not Applica	able
	8401 Power Rd,		7	<u> </u>	Expirati	4		· · · · · · · · · · · · · · · · · · ·
		Address		s 4 fr . 13	Evbudd			
4 7 1 10						÷ .		_
4. Identific	ation of System: <u>N</u>	LP01					Code Class	2
5(a) Applic	able Construction	Code Pipe:	1974 Ed	lition	S74 A	Addenda	N/A	Code Case
		Component:	1977 Ed	lition	[•] S77 A	\ddenda	n NA	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair	s or Repl	acements	ASME	Sec XI, 2004	Ed, No Ad.
	n XI code Cases u							
6. Identific	ation of Componer	nts Repaired or R	eplaced a	and Repla	acement (Compon	ents	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		ner ication	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V	Crossby	N99661-00-0002	NA	1E21	F018	2004	Replaced	Yes
		1	I <u></u>			· ·	. <u></u>	· · · · · · · · · · · ·
		۶. ۲	L.					en e
	· · · · ·	· · · · · · · · · · · · · · · · · · ·				-		
7. Descrip	tion: Replaced Re	lief Valve 1E21F0	18.					· · ·
8. Tests Co	onducted: Hydros Other 🗆	_	natic 🗆 Pr	Nomina essure:	al Operati 300 psi	-	sure ⊻ est Temp:	N/A ^o F

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

Receiving Info: Relief Valve: Cat ID - 1389494; UTC # - 2688767

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this Replace rules of the ASME Code, Section XI. Type Code Symbol StampIA	ment conform to the
Certificate of Authorization No. NIA	-12 - , 2019
Owner of Owner's Designee, Title	,
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boi Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by The Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>IPT</u> to and state that to the best of my knowledge and belief, the Owner has performed a and taken corrective measures described in this Owner's Report in accordance with of the ASME Code, Section XI. By signing this certificate neither the Inspector nor makes any warranty, expressed or implied, concerning the examinations and correc ineasures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a loss arising from or connected with this inspection. <u>Inspector's Signature</u> Commissions $\underbrace{NB^{+}OBSC_{1}}_{National Board, State, Prov.Date IQ_NON, 20$	ne Hartford 11/12/2019 examinations h the requirements his employer ective or his employer of any kind N R L #172

2/14/04

PO 58652 CAT IO 1389494-1 UTC 2688767

Q.C.-44D-1A Sheet 1 of 2

FORM NV-1, N CE	ERTIFICATE HOLDERS' DATA As required by the Provisions o	A REPORT FOR SAFETY of the ASME Code, Section	AND SAFETY RELIEF VALVES III, Division 1
1. Manufactured by	Anderson Greenwood	d Crashy 42 Kandatala Re	
	Anderson Oreenwoo	od Crosby, 43 Kendrick St., and Address of N Certifica	Wrentham, MA 02093
Crosby Factory Order			mer Order No00058652 R001
2. Manufactured for		EXELON GENERATIO	
3. Location of Installation		e and Address of Purchaser CLINTON NUCLEAR S	ΓΑΤΙΟΝ
4. N/A	DS-C-99661 REV. I	(Name and Addres	
(CRN)	(Drawing No.)	(Nat'l. Brd. N	2004
	그는 그는 것 같은 것 같은 것 같은 것을 가지 않는 것 같이 많이	Identifying Nos.	
(Moo	lel No., Series No.)	(N Certificate Holder's Serial No.)
Type S	AFETY RELIEF	alve I.D./Tag No.	1E21 F018
Safety, Safety R	elief; Pilot; Power Actuated)	• • • •	
Orifice Size	0.529 Nominal Inlet Size		Outlet Size2
	inch	inch	inch
5. Set Pressure (psig)	554		° F
		Rated	l Relieving Temperature
Stamped Capacity 1	<u>36 GPM Water@ 70° .F_@ _1</u>	<u>10°</u> % Overpressure	Blowdown (psig) <20% of S.P.
Hydrostatic Test (psig)	Inlet 1080	Outlet	100
xy arostane rost (poig) :			100 ble to Valves for Closed Systems Only)
Pressure Retaining Pieces		(r xppirous	ne to varies for crosed Systems Only)
	Serial 1	No.	Material Specification
. Castings	Identifi	cation	Including Type or Grade
Body	*		
Bonnet			
. Bar Stock & Forgings			
Nozzle			
Disc	N99333-NEZO	$\overline{\mathbf{ASN}}$	
			IE SA479 TYPE 316
	N96444-63-03	and the second s	IE SA479 TYPE 316
Spring Washers		76	
Spring Washers Adjusting Bolt	N96444-63-03	76 72 ASM	IE SA193 GR.B6
	N96444-63-03 N96444-63-03	76 72 ASM 42 ASM	IE SA193 GR.B6 IE SA193 GR.B6
Adjusting Bolt	N96444-63-03 N96444-63-03 N96388-63-02	76 ASM 72 ASM 42 ASM 92 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6
Adjusting Bolt Spindle Spring	N96444-63-03 <u>N96444-63-03</u> <u>N96388-63-02</u> <u>N96386-61-01</u>	76 ASM 72 ASM 42 ASM 92 ASM	IE SA193 GR.B6 IE SA193 GR.B6
Adjusting Bolt Spindle Spring Bolting	N96444-63-03 <u>N96444-63-03</u> <u>N96388-63-02</u> <u>N96386-61-01</u>	76	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316
Adjusting Bolt Spindle Spring Bolting Other Pieces	N96444-63-03 N96444-63-03 N96388-63-02 N96386-61-01 NX5975-0002	76 72 ASM 42 ASM 92 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316
Adjusting Bolt Spindle Spring Bolting Other Pieces Cylinder	N96444-63-03 N96444-63-03 N96388-63-02 N96386-61-01 NX5975-0002	76 72 ASM 42 ASM 92 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316 E SA105
Adjusting Bolt Spindle Spring Bolting Other Pieces Cylinder Lap Joint Stub End	N96444-63-03 N96444-63-03 N96388-63-02 N96388-61-01 NX5975-0002	76 72 ASM 42 ASM 92 ASM 02 ASM 08 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316 E SA105 E SA105
Adjusting Bolt Spindle Spring Bolting Other Pieces Cylinder Lap Joint Stub End	N96444-63-03 N96444-63-03 N96388-63-02 N96386-61-01 NX5975-0002	76 72 ASM 42 ASM 92 ASM 02 ASM 08 ASM 04 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316 E SA105 E SA105 E SA105
Adjusting Bolt Spindle . Spring . Bolting . Other Pieces Cylinder . Lap Joint Stub End . Lap Joint Flange	N96444-63-03 N96444-63-03 N96388-63-02 N96386-61-01 NX5975-0002 N99329-31-000 N99330-31-000 N99332-32-000	76 72 ASM 72 ASM 42 ASM 92 ASM 02 ASM 08 ASM 03 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316 E SA105 E SA105 E SA105 E SA105 E SA479 TYPE 316
Adjusting Bolt Spindle Spring Bolting Other Pieces Cylinder Lap Joint Stub End Lap Joint Flange Base	N96444-63-03 N96444-63-03 N96388-63-02 N96386-61-011 NX5975-0002 N99329-31-000 N99330-31-000 N99332-32-000 N99227-32-000	76 72 ASM 72 ASM 42 ASM 92 ASM 02 ASM 03 ASM 09 ASM	IE SA193 GR.B6 IE SA193 GR.B6 IE SA193 GR.B6 M A313 TYPE 316 E SA105 E SA105 E SA105

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We certify that the statements made in this report are correct and that this valve conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1 1977 Edition. (Date) Addenda Summer 1977 ; Code Case No. (Date)

Class

Date 6 FEB 2004

Design information on file at

Anderson Greenwood Crosby Wrentham, MA Signed

(N Certificate Holder) Sep. 30, 2004 NV symbol expires N-1878 to use the Our ASME Certificate of Authorization No. (Date)

CERTIFICATE OF DESIGN

Anderson Greenwood Crosby - Wrentham, MA

Stress analysis report (Class 1 only) on file at

IL

والتجاوين المستعد تهديه الماط وأعر

Design specifications certified by 4

PE State

Stress report certified by

PE State

Reg. No.

Reg. No.

Signature not required - list name only.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>MASS</u> and employed by <u>ABS Group Inc.</u> of <u>Houston</u>. Texas have inspected the pump, or valve, described in this Data Report on

a-4 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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Commissions <u>MA-14J-O</u> Signed (Nat'l. Bd., State, Prov. and No.) (Inspector)

R.C. HEIDER

62-28860

Name Authorization No: Not Applicable 8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable Address Expiration Date: Not Applicable 4. Identification of System: NRC01 Code Class 2 2 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; N N(c) Section XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Components Repaired or Replaced and Replacement Components Assection XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Sectial Number Board No Other Year Repaired ASS Replaced or Components Name of V HAMMEL DAHL 79/28670/002 NA 1C11F181 1982 Replacement Yu Yu 7. Description: Replaced Plug Assembly of Valve 1C11F181. Nominal Operating Pressure Image: Sec Xi 2004 Ed; Ni 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Image: Sec Xi 2004 Ed; Ni		no require	d by the Prov					
4300 Winfield Rd, Warrenville, IL 60555 Address Date: 11/16/2019 4300 Winfield Rd, Warrenville, IL 60555 Address Sheet 1 of 1 2. Plant: Clinton Power Station Name Unit: 1 1 8401 Power Rd, Clinton, IL 61727 4688142-01 Repair Organization P.O. No., Job No. Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Name Type Code Symbol Stamp: N/A 8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable 8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable 8401 Power Rd, Clinton, IL 61727 Expiration Date: Not Applicable 4. Identification of System: NRC01 Code Class 2 5(a) Applicable Construction Code Pipe: 1977 Edition S77 Addenda N/A Code 6. Identification of Components Repaired or Replaced and Replacement Components Assert Replaced or Replaced or Replaced nor Replaced and No Replacement Star V HAMMEL DAHL 79/28670/002 NA 1C11F181 1982 Replacement Yu 7. Description: Replaced Plug Assembly of Valve 1C11F181. Nominal Operating Pressure Star <td>1. Owner:</td> <td colspan="4">Owner: Exelon Corporation</td> <td>Data Repo</td> <td>rt No. RF-19-0</td> <td>30</td>	1. Owner:	Owner: Exelon Corporation				Data Repo	rt No. RF-19-0	30
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

9. Remarks (Applicable Manufacturer's Data Reports to be attached): Receiving Info: Plug Assembly: Cat ID - 11800719; UTC # - 4136773

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.
Type Code Symbol Stamp NIA
Certificate of Authorization No. N/A Signed <u>Mirage Bail Engineer</u> Date <u>11-16-</u> , 2019
Owner or Owner's Designee. Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>IO3 IC</u> to <u>11/19/2019</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Date <u>Inspector's Signature</u> , 20

NameDate:12/4/20194300 Winfield Rd, Warrenville, IL 60555 AddressSheet110f1		As Required by the Pr	ovisions (of the ASME Co	de Se	ction XI	
Name Date: 12/4/2019 4300 Winfield Rd, Warrenville, IL 60555 Sheet 1 of 1 Address Unit: 1 of 1 Plant: Clinton Power Station Unit: 1 - Address B401 Power Rd, Clinton, IL 61727 4824531-02 / 93 Repair Organization P.O. No., Job No. Address Address Repair Organization P.O. No., Job No. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A Address Authorization No: N/A 8401 Power Rd, Clinton, IL 61727 Expiration Date: N/A Address Code Class 1 State	1. Owner:	Exelon Corporation		Dat	a Repo	t No. RF-19-0	34
4300 Winfield Rd, Warrenville, IL 60555 Address Sheet 1 of 1 . Plant: Clinton Power Station Name Unit: 1		Name		•		·	
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Address Address Address Address Address Component: NGE01 Code Class 1 Code Class 1 Code Class 1 Code Class 1 Component: 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		8401 Power Rd, Clinton, IL 61	727		• • • • •		
A. Identification of System: NGE01 Code Class 1 i(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 Name of Name of Name of Manufacturer Serial Number Board No Identification Piping Bolted Connections PP ILLINOIS POWER PIPING SYSTEM V. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections	1	Address					· -
i(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 N/A . Jeneration of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Board No Identification PP ILLINOIS POWER PIPING SYSTEM NA NGE01 1986 Replacement Yes P. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections S. Tests Conducted: Hydrostatic	;	•		and she is a second second	Υ.	and the second	4 4
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 Name of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial Number National Board No PP ILLINOIS POWER PIPING SYSTEM V. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	I. Identific	ation of System: MGE01		_	:	Code Class	1
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 Name of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial Number National Board No PP ILLINOIS POWER PIPING SYSTEM V. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	5(a) Applic	able Construction Code Pine	1974 Fd	ition 574 A	ddenda	ο Ν/Λ	Code Časc
(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 Additional Components Name of Components Name of Component Manufacturer Serial Number National Board No PP ILLINOIS POWER PIPING SYSTEM NA V. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections P. Tests Conducted: Hydrostatic	, a) , apaig	· · · · ·					
(c) Section XI code Cases used N/A Jenetification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial Number National Board No Identification Pierrer PP ILLINOIS POWER PIPING SYSTEM NA NA NGE01 1986 Replacement Yes V. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections S. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
Name of Component Name of Manufacturer Manufacturer National Serial Number National Board No Other Identification Year Built Replaced Replaced or Replacement ASME Code Stamped PP ILLINOIS POWER PIPING SYSTEM NA NGE01 1986 Replacement Yes '. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections Serial Number Pressure Image: Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Image: Conducted Pressure	(c) Sectio	n XI code Cases used <u>N/A</u>		·			
Component Manufacturer Serial Number Board No Identification Built Replaced or Replacement Code Stamped PP ILLINOIS POWER PIPING SYSTEM NA NGE01 1986 Replacement Yes '. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections B. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Image: Content in the second				· · ·			ASME
PP ILLINOIS POWER PIPING SYSTEM NA NGE01 1986 Replacement Yes '. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections B. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Image: Construction of the state of the	Component	Manufacturer Serial Numbe	r Board No	Identification		Replaced or	Code
7. Description: Replaced Bolting on RPV Head Vent Piping Bolted Connections 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure				· · ·		Replacement	Stamped
8. Tests Conducted: Hydrostatic 🗌 Pneumatic 🔲 Nominal Operating Pressure 🗹	PP	ILLINOIS POWER PIPING SYSTE	M NA	NGE01	1986	Replacement	Yes
8. Tests Conducted: Hydrostatic 🗌 Pneumatic 🔲 Nominal Operating Pressure 🗹							
8. Tests Conducted: Hydrostatic 🗌 Pneumatic 🔲 Nominal Operating Pressure 🗹)						
8. Tests Conducted: Hydrostatic 🗌 Pneumatic 🔲 Nominal Operating Pressure 🗹							;
8. Tests Conducted: Hydrostatic 🗌 Pneumatic 🔲 Nominal Operating Pressure 🗹	7 Déscrin	ion: Replaced Bolting on PDV H	and Vont Di	ning Boltod Connor	ations		
	r Desenp			bing bolled conner	CUOIIS		
	3. Tests Co	nducted: Hydrostatic 🗆 Pro	eumatic 🗆	Nominal Operati	na Pres		
Other D Exempt D Pressure: 1027 psi Test Temp: N/A F					-		
				essure: 1027 psi	10	est remp:	N/A [*] F

-

- 9. Remarks (Applicable Manufacturer's Data Reports to be attached):
 - Receiving Info:
 - 1 3/8" Threaded Rod, 3 Each Cat ID 1716291 ; UTC # 3122936
 - 1 3/8" Nuts, 6 Each Cat ID 1394991; UTC # 4386137
 - 1 1/8" Bolt, Studs, 8 Each Cat ID 1151780; UTC # 2107322
 - 1 1/8" Nuts 16 Each Cat ID 1152053; UTC # 2113361

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are cor	rect 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. N/A	
Signed Mirza Barf Engineer	Date <u>12 - 4 -</u> , 20 <u>19</u>
Owner or Owner's Designee, Title	· · · · · · · · · · · · · · · · · · ·
	<u>.</u>
CERTIFICATE OF INSER	(VICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT components described in this Owner's Report during the and state that to the best of my knowledge and belief, th and taken corrective measures described in this Owner's of the ASME Code, Section XI. By signing this certificate makes any warranty, expressed or implied, concerning th measures described in this Owner's Report. Furthermore shall be liable in any manner for any personal injury or p arising from or connected with this inspection. Inspector's Signature Date <u>11 DCC</u> , 20	and employed by <u>The Hartford</u> have inspected the period <u>1016</u> to <u>12/4/2019</u> , he Owner has performed examinations Report in accordance with the requirements neither the Inspector nor his employer he examinations and corrective e, neither the Inspector nor his employer

1. Owner: Exelon Corporation					Data Report No. RF-19-035					
	Name 4300 Winfield Rd, Warrenville, IL 60555				Date:			12/5/201	.9	_
		Address				t	1	of	1	_
2. Plant:	Clinton Power Station Name				Unit:	1				
	8401 Power Rd; /Clinton; IL 61727 Address					914-0 Organi		P.O. No., J	ob No.	<u> </u>
3. Work Performed by: Clinton Power Station								amp: <u>N</u>		
		Name			thoriza				•	
1.	/8401 Power Rd, (Address	./	——— Ex	piration	n Date		٩		_
4. Identification of System: NSC01 Code Class 1										
5(a) Applica	able Construction (· · · · · · · · · · · · · · · · · · ·	1974 Edi		574 Ad				Code Case	
		Component:	1977 Edi		577 Ad				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								<u> </u>		
6. Identification of Components Repaired or Replaced and Replacement Components								-		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identificatio		Year Built	Repla	aired aced or acement	ASME Code Stamped	
V	CONAX CORPORATION	70	N/A	1C41F004	В	76	Repla	cement	Yes	
 							\$	- - -	、	

7. Description: Replaced Trigger Assembly.

8. Tests Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure arepsilon

Other

N/A⁰F

Exempt 🗌

Pressure: 1027 psi

Test Temp:

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

Receiving Info:

Cat ID - 1148279; UTC # - 4441298

CERTIFICATE OF COM	
We certify that the statements made in the report are correct a	and this <u>Replacement</u> conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	
Certificate of Authorization No. N/A	
Signed _ Mirza Baip	
Owner or Owner's Desiance. Title	
CERTIFICATE OF INSERVIC	E INSPECTION
I, the undersigned, holding a valid commission issued by the N Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have components described in this Owner's Report during the perio and state that to the best of my knowledge and belief, the Ow and taken corrective measures described in this Owner's Report of the ASME Code, Section XI. By signing this certificate neither makes any warranty, expressed or implied, concerning the ex- measures described in this Owner's Report. Furthermore, nei shall be liable in any manner for any personal injury or proper arising from exconnected with this inspection.	and employed by <u>The Hartfold</u> inspected the od <u>1/8</u> to <u>12/5/2019</u> , wher has performed examinations ort in accordance with the requirements er the Inspector nor his employer taminations and corrective ither the Inspector nor his employer rty damage or a loss of any kind

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of 2

1. Manufactured and certified by	Mirion Technolog	gles (Conax Nuclear), Inc. 402 Son	wil Drive, Cheektow	aga, NY 14225
		(name and address of NPT Cer		
2. Manufactured for	GE Nuclear E	nergy, 3901 Castle Hayne Road, Wi	Imington, NC 28401	
		(name and address of Purchase	ř).	
3. Location of installation		Unknown	÷ • •	•
		(name and address)		
. Type: N20000, Rev. H	SA479/304SST	75 KSI N/A	N/A	2017
(drawing no.)	(mat'l spec. no.)	(tensile strength)	(CRN)	(year built)
. ASIME Code, Section III, Divis	ion 1: 1977	Summer 1977	1	NA
	(edition)	(addenda date)	(class)	(Code Case no.)
. Fabricated in accordance with Co	onst. Spec. (Div. 2 only)	Revision	Date	
		(no.)		
. Remarks: Trigger Body Sul	cassembly for explosive acti	uated valve replacement kit for Sta	nd-by Liquid Control	System
		fit/seal on .328 & .4375 diameters. C		
	2800 psi for 10 minutes.			

 8. Nom. thickness (in.)
 See
 Min. design thickness (in.)
 See remarks
 Dia. ID (ft & in.)
 See remarks
 See remarks

 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:
 See remarks
 See remarks
 See remarks

						1
:						
	1					
	ľ		National			
	1	Part or Appurtenance	Board No.		Part or Appurtenance	National Board No.
•.		Serial Number	in Numerical Order		Serial Number	in Numerical Order
	(1)	9252	9252	(26)		
	(2)	9253	9253	(27)		
	(3)	9254	9254	(28)		
· .	- (4)	9255	9255	(29)		
•	(5)	9256	9256	(30)		
	(6)	9257	9257	(31)		
	(7)	9258	9258	(32)	· · · · · · · · · · · · · · · · · · ·	
	(8)	9259	9259	(33)	· · · · · · · · · · · · · · · · · · ·	a contract of the second
	(9)	9260	9260	(34)		
	(10)	9261	9261	(35)		
``	(11)	9262	9262	(36)		
	(12)	9263	9263	(37)		·····
	(13)	9264	9264	(38)		
	(14)	9265	9265	(39)	, vi	
• 1	(15)	9266	9266	(40)		
	(16)	9267	9267	(41)		
41298	(17)	9268	9268	(42)		
	(18)	9269	9269	(43)		
	(19)	9270	9270	(44)	·····	·····
	(20)	9271	9271	(45)		
	(21)	9272	9272	(46)		····
	(22)	9273	9273	(47)		
17	(23)	9274	9274	(48)		
50 eg	(24)	9275	9275	(49)	······································	
4412	(25)	9276	9276	(50)	· · · · · · · · · · · · · · · · · · ·	
44		19 T		- 1 - 1	·····	
· L				<u>L</u>		·

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

(when applicable)

SCO-2438NE-A1

Page 6 of 60

FORM N-2 (Back - Pg. 2 of _2_)

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	Certificate Holder's S	Serial Nos. <u>92</u>	<u>. </u>	rough	9276
	CERTIFICATION OF DES	BIGN		· . ·	:
Design specifications certified by	George I. Skoda	P.E. State	CA	Reg. no.	15847
	(when applicable)		_		
Design report* certified by	Michael A. Francioli	P.E. State	NY	Reg. no	078450-1
	(when applicable).		•		· · ·
· ·	CERTIFICATE OF COMPL	IANCE			
We certify that the statements made	in this report are correct and that this (these)	Trigger	Body Subass	embly	
conforms to the rules of construction	of the ASME Code, Section III, Division 1.				۰.
NPT Certificate of Authorization No.	N-1850	Expires	Septe	mber 3, 2019	, , ¢
Date 3/15/17Name	Mirion Technologies (Conax Nuclear), Inc.	Signed	llan	. 1	ee
	(NPT Certificate Holder)		(authorized	representative	∋)
	CERTIFICATE OF INSPEC			۰ • •	
I, the undersigned, holding a valid co	mmission issued by the National Board of Boiler	and Pressure Vessel I	nspectors and	the State or Pi	rovince of
New York and employ	yed by The Hartford Steam	m Boiler Inspection a	nd Insurance		
of Hartford, CT have	inspected these items described in this Data Re	port on 15 MAR	CH 201		e that to the
best of my knowledge and belief, the	Certificate Holder has fabricated these parts or a	appurtenances in acco	rdance with the	ASME Code,	
	d has been authorized for stamping on the date a inspector nor his employer makes any warranty		concerning th	e equipment	
described in this Data Report Furth	hermore, neither the inspector nor his employer s arising from or connected with this inspection.	hall be liable in any ma	anner for any p	ersonal injury	or
	- AL			•	
Date 03-24-2017 Signed	11 Deconceto Cor	nmissions	NB 10964A		
<u></u>	(Authorized Inspector)	.[Nat'l Bd. (ents) and state	e or prov. and

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SCO-2438NE-A1

on Power St	Name d, Warrenville, IL Address ation Name Clinton, IL 61727 Address aton Power Station Name Clinton, IL 61727 Address	7 1	Α	Date: Sheet Unit: <u>47945:</u> Repair C ype Code uthorizati	1 3 <u>5-01</u> Drganiza Symb	ation P.O. No., Jo pol Stamp: <u>N</u> /	19 1 ob No.
on Power St	Address ation Name Clinton, IL 61727 Address aton Power Station Name Clinton, IL 61727 Address	7 1	Α	Sheet Unit: 47945 Repair C ype Code uthorizati	1 35-01 Drganiza Symt	of ation P.O. No., Jo pol Stamp: <u>N</u> /	1 ob No.
<u>1 Power Rd,</u> ed by: <u>Clin</u> 1 Power Rd,	Name <u>Clinton, IL</u> 61727 Address Address Name <u>Clinton, IL</u> 61727 Address	י ז	Α	<u>47945:</u> Repair C ype Code uthorizati	<u>35-01</u> Drganiza Symł	ool Stamp: <u>N</u> /	
ed by: <u>Clin</u> 1 Power Rd,	Address Iton Power Station Name Clinton, IL 6172 Address	י ז	Α	Repair C ype Code uthorizati	Organiza Symł	ool Stamp: <u>N</u> /	
1 Power Rd,	Name Clinton, IL 6172 Address		Α	uthorizati	-	• —	<u>'A</u>
larece.	Clinton, IL 6172 Address	7			on No	: N/A	
larece.	Address	7	—— E	voiration			
of System: N	÷ ,			хрпацоп	Date:	N/A	
·	NRH08					Code Class	2
Construction	Code Pipe: Component:	1974 Edi 1974 Edi		S74 Add 1974 Add	1	N/A See Remk	Code Case
Edition of Sec code Cases u	ction XI Utilized fo				-		· · · · ·
of Compone	nts Repaired or R	eplaced a	Ind Replace	ment Con	npone	ents	
Name of lanufacturer	Manufacturer Serial Number	National Board No	Other	Y	ear	Repaired Replaced or Replacement	ASME Code Stamped
linois Power	PIPING SYSTEM	NA	NRH08	3 1	985	Replacement	Yes
						all piping com	nononto
	of Compone Name of lanufacturer	of Components Repaired or R Name of Manufacturer lanufacturer Serial Number linois Power PIPING SYSTEM	of Components Repaired or Replaced a Name of Manufacturer National lanufacturer Serial Number Board No linois Power PIPING SYSTEM NA	of Components Repaired or Replaced and Replaced Name of Manufacturer National Other lanufacturer Serial Number Board No Identificat linois Power PIPING SYSTEM NA NRH08	of Components Repaired or Replaced and Replacement Con Name of Manufacturer National Other Y lanufacturer Serial Number Board No Identification E linois Power PIPING SYSTEM NA NRH08 1	of Components Repaired or Replaced and Replacement Components Name of lanufacturer Manufacturer National Board No Other Year Built Ianufacturer Serial Number Board No Identification Built linois Power PIPING SYSTEM NA NRH08 1985	of Components Repaired or Replaced and Replacement Components Name of Manufacturer National Other Year Repaired Ianufacturer Serial Number Board No Identification Built Replaced or Replacement

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure 🗹

Other \Box Exempt \Box

Pressure: 89 psi Test Temp:

N/A^oF

9. Remarks (Applicable Manufacturer's Data Reports to be attache	d):
Code Cases for Valves 1E12F018B and 1E12F046B - 1516.1, 15	
Receiving Info:	
Gate Valve: Cat ID - 1785226; UTC # - 4446379	
Pipe 4": Cat ID - 1153170; UTC # - 4407584	
Check Valve: Cat ID - 1785225; UTC # - 4453655	
Sockolet: Cat ID - 1417355; UTC # - 4370793	
Pipe 3/4": Cat ID - 1153240; UTC # - 4350994	
Elbow 3/4": Cat ID - 1152966; UTC # - 4349370	
Globe Valve 3/4": Cat ID - 1144855; UTC # - 4399281	· · ·
Globe Valve 3/4": Cat ID - 1144855; UTC # - 4399280	
Flange, weld neck: Cat ID - 1152788; UTC # - 4456157	
CERTIFICATE OF COMPL	
We certify that the statements made in the report are correct and	this Keplacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol StampA	
Certificate of Authorization No. <u>NJA</u>	
Signed Mirza Bang Engineer	Date 12-10-, 2019
Owner or Owner's Desiance) Title	
CERTIFICATE OF INSERVICE	INSPECTION
Inspector's Signature	d employed by The Hartford bected the a 19 1 to 12/10/2019 r has performed examinations n accordance with the requirements he Inspector nor his employer nations and corrective r the Inspector nor his employer damage or a loss of any kind the accordance of the second
Date / 6 De_C, 20	

	V-1 CERTIFICATEHOLD As Required by the Prov	ER'S DATA REPORT FOI isions of the ASME Coo りてく 44 らう	le. Section III Division 4	
		010 4935	677	Pg. 1 of <u>2</u>
1. Manufactured and certifie	ed by <u>FLOWSERVE CORPOR</u>	ATION, 1900 S. SAUNDERS S	TREET, RALEIGH, NC 27603 ss of N Certificate Holder)	
2. Manufactured for EXELC	ON BUSINESS SERVICES, PO B	OX 17456, BALTIMORE, MD 2 (name and address of	1297	
	CLINTON NUCLEAR STATION (3401 POWER ROAD, CLINTON (name and	A. IL 61727	
	Type 300 SWING CHECK	Drawing <u>93-14671</u>	Rev4	CRN
5. ASME Code, Section III, D	(edition)	<u>SUMMER 1975</u> [Addenda (if applicable) (date)] (class)	(Code Case no.)
6. Pump or valve <u>VALVE</u>	Nominal inlet size	4 INCH Outlet size	ze <u>4 INCH</u>	
7. Material (a) valve Body <u>SA216</u> (b) pump Casing			lolting _*	
(a) Certificate Holder's Serial No.	(b) National Board No.	(c) Body/Casing Serial No.	(d) Bonnet/Cover Serial No.	(e) Disk Serial No.
BV/930	N/A	C831 SRL 2	53122 SRL 3	E3235-1 SRL 1
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		· · · · · · · · · · · · · · · · · · ·		
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*Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is 8¹/₂ × 11; (2) information in items 1 through 4 on this Data Report 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 NPV-1 (Back — Pg. 2 of _2___)

Certificate Holder's Serial No. BW930

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1-3

	7	. (mar NO. <u>BV93</u>	7
8. Design conditions	358 F	_ or valve pressure cla	ss <u>300</u>		
9. Cold working pressure 720 psig					
10. Hydrostatic test <u>1125 PSIG</u> , Disk diffe	erential test pressur	e _750 PSIG			
11. Remarks THE SPECIFIED REQUIREMENTS IN THE	EDESIGN SPECIFICA	TIONS HAVE BEEN ME	T		<u> </u>
*BONNET STUDS, SA193-B7, HT. CODE BDO; BC	ONNET NUTS, SA19	4-2H, HT. CODE 869	·	· · · · ·	
			·····		
SO 123827-001					
	CERTIFICATIO	N OF DESIGN	<u> </u>		
Design Specification certified by <u>R.C. HEIDER</u>			P.E. State _IL	Reg. no.	62-28860
Design Report certified by <u>N/A</u>			P.E. State <u>N/A</u>	Reg. no.	<u>N/A</u>
		· · · · · · · · · · · · · · · · · · ·			
	CERTIFICATE OF	COMPLIANCE			
We certify that the statements made in this report	are correct and th	at this pump or valve	conforms to the ru	les for constru	iction of the
ASME Code, Section III, Division 1.					
N Certificate of Authorization No. <u>N-1562</u>		Expires N	ovember 26, 2018		
Date 11-01-2018 Name FLOWSERVE CON	RPORATION	Signed	Tang Tangauthorized	representative)	
· · · · · · · · · · · · · · · · · · ·					
	CERTIFICATE O	FINSPECTION		•	
I, the undersigned, holding a valid commission is	-			•	
THE HARTFORD STEAM BOIL	ER INSPECTION AN HARTFC		NY		
have inspected the pump, or valve, described in this			_		
, and state that to the		ge and belief, the Certi	ficate Holder has cons	tructed this purr	ıp, or valve,
in accordance with the ASME Code, Section III, Divisi	ion 1.				
By signing this certificate neither the inspector nor his	s employer makes ar	y warranty, expressed	or implied, concerning	g the componer	it described in
this Data Report. Furthermore, neither the inspector r		Il be liable in any manr	her for any personal inj	jury or property	damage or a
loss of any kind arising from or connected with this in	ispection.				
Date [1/1/17	Var	_ Commission	GIT BAR		
Authorized	Nuclear Inspector)		[National Board Nur	nber and Endorsem	ent]

As Rèq	uired by the Provis	ions of the ASME Code	NUCLEAR PUMPS OR V e, Section III, Division 1	/ALVES*
Kano 999	19 OTC	4446519		Pg. 1 of _ 2_
1. Manufactured and certified by	Flowserve Corporat	ion, 1900 South Saunders St	reet, Raleigh, N.C. 27603	· · ·
2. Manufactured for	E	xelon PO Box 17456 Baltim		
		(name and address of	Purchaser)	· · ·
3. Location of installation	CLINTON NUCL	CAR STATION 8401 POWI	ER RD CLINTON, IL 61727	
4. Model No., Series No., or Type	300 FW Dr	awing <u>93-14624</u>	_ Rev3	CRN N/A
5. ASME Code, Section III, Division 1	1974	SUMMER 1975 [Addenda (if applicable) (d		*1635-1
6. Pump or valve VALVE	_ Nominal inlet size _	4.00" Outlet siz		(Code Case no.)
7. Material (a) valve Body <u>SA261 WCB</u> (b) pump Casing <u>N/A</u>	Bonnet <u>SA216 WCB</u> Cover <u>N/A</u>	Disk <u>SA216 WCB</u> Be Bolting <u>N/A</u>	olting SEE REMARKS	- - -
(a) Certificate Holder's Serial No.	(b) National Board No.	(c) Body/Casing Serial No.	(d) Bonnet/Cover Serial No.	(e) Disk Serial No.
BW984	N/A	C731/2	C731/2	C731/2
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	<u> </u>		· · · · · · · · · · · · · · · · · · ·	

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*Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is 8¹/₂ × 11; (2) information in items 1 through 4 on this Data Report is included on each sheet; and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

-2

FORM NPV-1 (Back --- Pg. 2 of ____)

					Certificate Hold	der's Serial	No	BW984
8. C	Design conditions	500 psig (pressure)	358°F	or valve pressure	class <u>300</u>			
9. (Cold working pressure _		_					
10. I	Hydrostatic test112	5 psig Dis	k differential test pressure	750 psig				
11. F	Remarks		S.O. 123827-004					
	STUD- MATERIAL SA NUT- MATERIAL SA1							
-	*The specified requireme	ents in the Design S	pecifications have been met		· · · · · · · · · · · · · · · · · · ·			
			CERTIFICATION	OF DESIGN				· · · - · ·
	sign Specification certifie sign Report certified by						Reg. no. Reg. no.	62-28860 N/A
	e certify that the statem ME Code, Section III, Divi		CERTIFICATE OF C		lve conforms to	the rules	for constr	uction of the
	te <u>32619</u>		N-1562 FLOWSERVE CORPORA (N Certificate Holder)	Expires	dali	Novembe	Judi	L
			CERTIFICATE OF	INSPECTION	<u> </u>			
I, t	he undersigned, holdin	g a valid commiss The Hart	ion issued by the Nationa ford Steam Boiler Inspectio	I Board of Boiler n and Insurance Co	and Pressure Ve ompany	essel Inspe	ectors and	employed b
By in	this Data Report. Further a loss of any kind arising	ecticut , and state that IE Code, Section III, either the inspector more, neither the in from or connected	to the best of my knowledg Division 1. nor his employer makes an spector nor his employer sh	have inspected t e and belief, the Ce y warranty, express	ne pump, or valv ertificate Holder h sed or implied, c	oncerning t	cted this pu	imp, or valve, nent describe
Da	te <u>3/26/19</u> s	Signed(Auti	Malac horized Nuclear Inspector)	Commission _	158 [National I	74 Board Number	N, R and Endorser	nent]

.

1. Owner:		Data Report No. RF-19-039							
	4300 Winfield Rd	Name	COLLE		Date	:		12/11/20	19
	4300 Winfield Rd, Warrenville, IL 60555 Address					et	1	of	1
2. Plant:	Clinton Power Sta	ation Name			Unit:	1			
	8401 Power Rd, (Clinton, IL 6172	7		1347	631-0	1/05	*	
		Address						P.O. No., J	ob No.
3. Work Per	formed by: Clint	on Power Statio	n		Type Co	de Syn	ibol S	Stamp: N/	Ά
		Name			Authoriza	ation N	o: N	/A .	
1	8401 Power Rd, 0	Clinton, IL 6172	7		Expiratio		•	/A	
		Address			Lynado		· ·	/ n	·
4. Identifica	ation of System: <u>N</u>	GE02		•			Co	de Class	1
5(a) Applica	able Construction (Code Pipe:	1974 Ec	lition	S74 A	ddenda	1	N/A	Code Case
		Component:	1974 Ec	lition	None Addenda 1622 Code Case				
(b) Applica	able Edition of Sec	tion XI Utilized f	or Repair	s or Repla	acements	ASME	Sec	XI 2004 B	Ed: No Add
	n XI code Cases us								
6. Identifica	ation of Componen	ts Repaired or R	eplaced a	and Repla	icement C	ompon	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Ott		Year Built	Re Rep	epaired blaced or blacement	ASME Code Stamped
V	ATWOOD MORRILL	6-562	NA	1B21	-028B	1976	Rep	lacement	Yes
	· ·								
7. Descript	ion: Replaced Pop	pet in Main Stea	ım Isolati	on Valve	1B21F028	в.			

8. Tests Conducted:	Hydrostatic	Pneumatic	Nomina	al Operating	Pressure 🗹	
	Other 🗆	Exempt 🗆	Pressure:	1027 psi	Test Temp:	N/A ⁰ F

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

Receiving Info: Cat ID - 1145575; UTC #- 2883797

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
Certificate of Authorization No. NIA
Signed <u>Mirze Bainer</u> Date <u>12-11-</u> , 2019 Owner or Owner's Designee. Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by The Hartford Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>3/14 M</u> to <u>12/11/2019</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this inspection. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Inspecter's Signature Date

	As Required by the Provisions of the				2		
1. Owner:	Exelon Corporation	Data Report No. RF-19-040					
	Name	Date:	12/11/2019				
	4300 Winfield Rd, Warrenville, IL 60555						
	Address	Sheet	1	of	1		
2. Plant:	Clinton Power Station Name	Unit: 1		_			

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REDI ACEMENTS

3. Work Performed by: Clinton Power Station Name 8401 Power Rd, Clinton, IL 61727

8401 Power Rd, Clinton, IL 61727

Address

Address

Code Class 1

1516326-01/05

Authorization No: N/A

Expiration Date: N/A

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

Type Code Symbol Stamp: N/A

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition None Addenda 1622 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

4. Identification of System: NGE02

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	ATWOOD & MORRILL	7-562	N/A	1B21F028C	1976	Replacement	Yes
	·	. `					

7. Description: Replaced Poppet in Main Steam Isolation Valve 1B21F028C.

8. Tests Conducted:	Hydrostatic	□ Pneumatic	└ Nomina	I Operating	Pressure 🗹	
	Other 🗆	Exempt	Pressure:	1027 psi	Test Temp:	N/A ⁰ F

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

Receiving Info:

Cat ID - 1109589; UTC # - 3127276

CERTIFICATE OF CO	· · · ·
We certify that the statements made in the report are correc	ct and this <u>Replacement</u> conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	
Certificate of Authorization No. N/A	
Signed <u>Mirze Bar Engineer</u> Owner or Owner's Designee. Title	Date <u>12-11-</u> , 20 <u>19</u>
CERTIFICATE OF INSERV	ICE INSPECTION
I, the undersigned, holding a valid commission issued by the Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT hav components described in this Owner's Report during the pe and state that to the best of my knowledge and belief, the and taken corrective measures described in this Owner's Re of the ASME Code, Section XI. By signing this certificate nei makes any warranty, expressed or implied, concerning the measures described in this Owner's Report. Furthermore, r shall be liable in any manner for any personal injury or proparising from or connected with this inspection.	and employed by <u>The Hartford</u> ve inspected the riod <u>3</u> /14/17 to <u>12/11/2019</u> , Owner has performed examinations eport in accordance with the requirements ither the Inspector nor his employer examinations and corrective meither the Inspector nor his employer

FORM	NIS-2 OWNER'S REPO	ORT FOR REPAIRS	OR REPLACEMENTS
As	Required by the Prov	isions of the ASME	Code Section XI

1. Owner:							t No. RF-19)-04	2
	Name 4300 Winfield Rd, Warrenville, 60555				Date	:	12/12/	201	9
	Address					t	1 of		1
2. Plant:	Clinton Power Sta	ntion Name			Unit:	1			
	8401 Power Rd, (Clinton, IL 6172	7		1187	418-0	1		
		Address					zation P.O. No	., Job	No.
3. Work Pe	rformed by: Clint	on Power Statio	n	т	ype Coc	le Syn	bol Stamp:	N/A	<u>،</u>
		Name		A	uthoriza	ation N	lo: N/A		
,	8401 Power Rd, 0		7	É	xpiratio	n Date	: N/A		
		Address		_	, pilatio	Duce		•	
4. Identifica	ation of System: N	GE02					Code Clas	s 1	L
5(a) Applica	able Construction (Code Pipe:	1974 Ec	lition	S74 Ac	Idenda	a N/	/A C	ode Case
		Component:	1974 Ec	lition N	None Ac				ode Case
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair						
(c) Section	n XI code Cases us	ed <u>N/A</u>			inchts		SEC XI 200	4 EL	i; NO Adu
	ation of Componen		eplaced	and Replace	ment Co	mpon	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identificat		Year	Repaired	Т	ASME
Component	Manulaçıdırer	Senai Number	BOard No	Identificat	ion	Built	Replaced or Replacemer		Code Stamped
V	ATWOOD & MORRILL	2-562	NA	1B21F02	2B	1976	Replaceme		Yes
	· · · ·		L.,						l
	·							•	
÷ .		· _					· ·		
7									
7. Descript	ion: Replaced Pop	pet in Main stea	m Isolati	on Valve 1B2	21F022E	3			

8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑ Other □ Exempt □ Pressure: 1027 psi Test Temp: N/A^oF

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

Receiving Info:

Cat ID - 1145575; UTC # - 3126567

CERTIFICATE OF	COMPLIANCE
We certify that the statements made in the report are co	rrect and this Replacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp N/A	<u> </u>
Certificate of Authorization No. <u>NIA</u>	
Signed Mirga Bar Engineer	Date <u>12-12-</u> , 20 <u>19</u>
Owner or Owner's Designee, Title	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF INSE	RVICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT components described in this Owner's Report during the and state that to the best of my knowledge and belief, t and taken corrective measures described in this Owner's of the ASME Code, Section XI. By signing this certificate makes any warranty, expressed or implied, concerning t measures described in this Owner's Report. Furthermor shall be liable in any manner for any personal injury or p arising from or connected with this inspection. Inspector's Signature Date <u>Inspector's Signature</u> , 20_9	and employed by <u>The Hartford</u> have inspected the period 247 to <u>12/12/2019</u> , he Owner has performed examinations s Report in accordance with the requirements neither the Inspector nor his employer the examinations and corrective e, neither the Inspector nor his employer

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1. Owner:	Exelon Corporatio	<u>n</u>		Data	Repor	t No. RF-19-04	13
	<u>.</u>	i diffe		Date	:	12/14/20:	19
	4300 Winfield Rd,		555	<u>e</u>			
		Address		Shee	et		1
2. Plant:	Clinton Power Sta	tion		Unit	: 1	•	
		Name					
	8401 Power Rd, C	linton, IL 61727	7			2, 10, 35, 38,	
	Contense of the State	Address				zation P.O. No., Jo	
3. Work Per	formed by: Clint		า			bol Stamp: <u>N</u>	A
	· · · · · · · · · · · · · · · · · · ·	Name		Authoriz	atiọn N	o: <u>N/A</u>	
	8401 Power Rd, C	and the second	7	Expiratio	n Date	: N/A	· ·
1	s - 11 - 1	Address			••		
1 A 1	2	· · ·	1.7	romania ·	1		
4. Identifica	ition of System: N	GE02	•			Code Class	1
5(a) Applica	able Construction C	Code Pipe:	1974 Editi	on ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	ddenda	N/A	Code Case
-(-) - +		· · · · · · · · · · · · · · · · · · ·	-	on None A	··· ··· ··		Code Case
		· · · .					-
	able Edition of Sec		or Repairs o	or Replacements	ASME	Sec XI 2004 E	d; No Add
(c) Section	n XI code Cases us	ed N/A	and a start of the			· .	
6 Identifica	ation of Componen	ts Renaired or R	enlaced an	d Replacement C	omnon	ents	
Name of	Name of	Manufacturer	National	Other	Year	Repaired	ASME
Component	Mänufacturer	Serial Number	Board No	Identification	Built	Replaced or	Code
		· · · ·	1	41 A.	·	Replacement	Stamped
				-			Grampeu
V	ATWOOD & MORRILL	1-562	NA	1B21F022C	1976	Replacement	Yes
V	ATWOOD & MORRILL	1-562	NA	1B21F022C	1976		<u> </u>
V	ATWOOD & MORRILL	1-562	NA	1B21F022C	1976		·
V	ATWOOD & MORRILL	1-562	NA	1B21F022C	1976		·
V	ATWOOD & MORRILL	1-562	NA	1B21F022C	1976		<u> </u>
			· · ·			Replacement	Yes
	ATWOOD & MORRILL ion: Replaced Pop ID, see Rema	pet and One Bo	· · ·			Replacement	Yes
7. Descript	ion: Replaced Pop ID, see Rema	pet and One Bo Irks.	lt in Main S	team Isolation Va	alve 1B	Replacement	Yes
7. Descript	ion: Replaced Pop ID, see Rema	pet and One Bo Irks.	lt in Main S	team Isolation Va	alve 1B	Replacement	Yes
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va	alve 1B	Replacement	Yes
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired
7. Descript	ion: Replaced Pop ID, see Rema nducted: Hydros	ppet and One Bol arks. tatic □ Pneur	It in Main S	team Isolation Va Nominal Operati	alve 1B	Replacement	Yes Repaired

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

Refurbished Valve Seat by removing stellite, and small amount of base material; weld deposit base material and stellite to address seat leakage. Also removed/reduced to acceptable level 2 indications. Receiving Information:

- Poppett: Cat ID 1145575; UTC # 2883797
- Bolt: Cat ID 1145254 ; UTC # 2101940

CERTIFICATE OF COM	PLIANCE
We certify that the statements made in the report are correct an	nd this conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NIA	
Certificate of Authorization NoNIA	
Signed Mirzo Barg Engineer	Date 1-11- , 2020
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE	E INSPECTION
I, the undersigned, holding a valid commission issued by the Na Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have in components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Own and taken corrective measures described in this Owner's Report of the ASME Code, Section XI. By signing this certificate neither makes any warranty, expressed or implied, concerning the exar measures described in this Owner's Report. Furthermore, neither shall be liable in any manner for any personal injury or property arising from br connected with this inspection.	and employed by <u>The Hartford</u> hspected the 1 2 1/207 to <u>1/11/2020</u> , her has performed examinations t in accordance with the requirements r the Inspector nor his employer minations and corrective her the Inspector nor his employer

	`.						
1. Owner:	Exelon Corporation			Data	a Repoi	rt No. RF-19-04	14
		Name		Date	e:	12/14/20	19
	4300 Winfield Rd		555				
	· ·	Address		She	et	1 of	1
2. Plant:	Clinton Power Sta	ation Name		Unit	: 1		
	8401 Power Rd,		7 .	070	7401-0	1	
-	O TOT TOWCE ING,	Address	/			ization P.O. No., Jo	b No
		11661.600					•
3. Work Pe	rformed by: Clin	ton Power Station	<u>n</u>			nbol Stamp: <u>N/</u>	A
		Name		Authoriz	ation N	lo: N/A	
ţ.,	18401 Power Rd,		7	Expiratio	n Date	N/A	-1
		Address		Expiration	·		
4. Identifica	ation of System: N	RI01				Code Class	2
F(a) Applic	able Construction	Code Pipe:	1074 5				
		•		lition Summ 74 A			Code Case
	8	Component:	1974 Ec	lition Summ 74 A	ddenda	a N/A	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair	s or Replacements	ASME	Sec XI 2004 E	d; No Add
	n XI code Cases u						
••••	· ·						
			eplaced a	and Replacement C	Compon	ients	
Name of	Name of	Manufacturer	National	Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identification	Built	Replaced or Replacement	Code Stamped
							Stamped
Disk	BS&B SAFETY	81001839-2	NA	1E51D001	1984	Replacement	Yes
						-	
						·	
7. Descript	tion: Replaced Ru	oture Disk.					
-	-						
8. Tests Co	nducted: Hydrog	static 🗆 Pneur	natic 🗹	Nominal Operati	na Prec	sure 🗆	
	Other			•	-		NI / A 0 -
		Exempt	Pr	essure: psi	10	est Temp:	N/A [°] F

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

Receiving Info:

Cat ID - 179922; UTC # - 4458851

CERTIFICATE OF CO	MPLIANCE
We certify that the statements made in the report are correct	t and this Replacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp <u>NJA</u>	
Certificate of Authorization No. NJA	
Signed <u>Mirza Barf Engineer</u> Owner or Owner's Designee. Title	Date <u>12-14-</u> , 20 <u>19</u>
CERTIFICATE OF INSERVI	
I, the undersigned, holding a valid commission issued by the Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT hav components described in this Owner's Report during the per and state that to the best of my knowledge and belief, the C and taken corrective measures described in this Owner's Re of the ASME Code, Section XI. By signing this certificate neit makes any warranty, expressed or implied, concerning the emeasures described in this Owner's Report. Furthermore, n shall be liable in any mainer for any personal injury or proparising from ar connected with this inspection.	and employed by <u>The Hartford</u> re inspected the riod <u>/6 [1</u> to <u>2/14/2019</u> , Owner has performed examinations port in accordance with the requirements ther the Inspector nor his employer examinations and corrective leither the Inspector nor his employer

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

	1. Owner: Exelon Corporation				Data Report No. RF-19-045			
Name <u>4300 Winfield Rd, Warrenville, IL 60555</u>				e:	12/14/201	19		
300 WINTIEID RO	She	et	1 of ·	1				
Clinton Power St	ation Name		Uni	t: <u>1</u>				
401 Power Rd,	Clinton; IL 6172	7				b No.		
ormed by: Clin	ton Power Statio	n	Туре Со	óde, Syn	nbol Stamp: <u>N</u> /	A		
	Name		Authori	zation N	lo: N/A	· ·		
3401 Power Rd,	Clinton, IL 6172	7	Expirati	on Date	e: N/A			
on of System:	NRI01				Code Class	2.		
le Construction	Code Pipe:	1974 Ed	ition Summ 74	Addenda	a N/A	Code Case		
•	Component:	1974 Ed	ition Summ 74	Addenda	a N/A	Code Case		
-		or Repairs	s or Replacements	ASME	Sec XI 2004 E	d; No Add		
XI code Cases u	ised <u>N/A</u>							
ion of Compone	nts Repaired or R	eplaced a	and Replacement (Compor	ients			
Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped		
BS&B SAFETY	81001839-2	NA	1E51D002	1984	Replacement	Yes		
	a401 Power Rd, ormed by: <u>Clin</u> 3401 Power Rd, an of System: <u>Name of Name of Manufacturer</u>	Address Address ormed by: Clinton Power Statio Name B401 Power Rd, Clinton, IL 6172 Address B401 Power Rd, Clinton, IL 6172 Address on of System: NRI01 Ide Construction Code Pipe: Component: Dele Edition of Section XI Utilized for XI code Cases used NAme of Name of Manufacturer Manufacturer	Clinton Power Station Name 2401 Power Rd, Clinton; IL 61727 Address ormed by: Clinton Power Station Name 3401 Power Rd; Clinton, IL 61727 Address 3401 Power Rd; Clinton, IL 61727 Address on of System: NRI01 Ile Construction Code Pipe: 1974 Ed Component: 1974 Ed Component: 1974 Ed Serial Number National Manufacturer Serial Number	Clinton Power Station Unit Name 478 Address Repaired pormed by: Clinton Power Station Type Commed Authorized Address Name Authorized Address Name Authorized Address Station Type Commed by: Clinton Power Station Name Authorized Address Authorized Expiration Address Station Expiration Address Intervention Expiration Address On of System: NRI01 Meteorstruction Code Pipe: 1974 Edition Summ 74 /r Sole Edition of Section XI Utilized for Repairs or Replacements XI code Cases used N/A State of Components Repaired or Replaced and Replacement of Manufacturer National Board No Other Manufacturer Serial Number Board No Identification	Clinton Power Station Unit: 1 Name 4787400-0 P401 Power Rd, Clinton, IL 61727 4787400-0 Address Repair Organi prmed by: Clinton Power Station Type Code, Sym Name Authorization N P401 Power Rd, Clinton, IL 61727 Address Name Authorization N P401 Power Rd, Clinton, IL 61727 Expiration Date Address Expiration Date On of System: NRI01 Me Construction Code Pipe: 1974 Edition Summ 74 Addenda Component: 1974 Edition Summ 74 Addenda Me Edition of Section XI Utilized for Repairs or Replacements ASME XI code Cases used N/A Other Year Manufacturer National Other Year Manufacturer Serial Number Board No Other Built	Clinton Power Station Unit: 1 Name Unit: 1 1401 Power Rd, Clinton; IL 61727 4787400-01 Address Repair Organization P.O. No., Jo prmed by: Clinton Power Station Type Code Symbol Stamp: N/ Address Authorization No: N/A B401 Power Rd; Clinton, IL 61727 Address Address Expiration Date: N/A B401 Power Rd; Clinton, IL 61727 Code Class Address Expiration Date: N/A On of System: NRI01 Code Class Component: 1974 Edition Summ 74 Addenda Component: 1974 Edition Summ 74 Addenda NAMe N/A Authorization No Stode Cases used N/A N/A Via code Cases used N/A Authorization Name of Manufacturer National Other Name of Manufacturer National Other Built Repaired or Replaced or Replac		

м. П

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗹 Nominal Operating Pressure 🗆 Other \Box Exempt \Box Pressure: Test Temp: N/A^o F psi

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

Receiving Info:

Cat ID - 179922; UTC # - 4458851

CERTIFICATE OF COM	1PLIANCE
We certify that the statements made in the report are correct a	•
rules of the ASME Code, Section XI.	
Type Code Symbol Stamp NJA	repair or replacement
Certificate of Authorization No. NJA	
Signed Mirza Barp Engineer	Date 12-14-, 2019
Owner or Owner's Desianee. Title	
	·
CERTIFICATE OF INSERVIC	CE INSPECTION
I, the undersigned, holding a valid commission issued by the N Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have components described in this Owner's Report during the perio and state that to the best of my knowledge and belief, the Ow and taken corrective measures described in this Owner's Report of the ASME Code, Section XI. By signing this certificate neither makes any warranty, expressed or implied, concerning the exi- measures described in this Owner's Report. Furthermore, nei- shall be liable in any mariner for any personal injury or proper arising from or connected with this inspection.	and employed by <u>The Hartford</u> inspected the od <u>'/8/19</u> to <u>12/14/2019</u> , wher has performed examinations ort in accordance with the requirements er the Inspector nor his employer caminations and corrective ither the Inspector nor his employer

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

1. Owner:	Name				ata Repor ate:	t No. RF-19-0 12/18/20		
	4300 Winfield Rd	, Warrenville, IL Address	60555		Sh	neet:	10f	1
2. Plant:	Clinton Power Sta	name			Ur	nit: <u>1</u>		
	8401 Power Rd, (<u>Clinton, IL 6172</u>	7			26925-0 pair Organi	5,10 zation P.O. No., J	ob No.
3. Work Per	formed by: Clint	on Power Statio	n		Туре (Code Sym	bol Stamp: <u>N</u>	/A
		Name			Autho	rizátion N	o: N/A	
, ` , `	8401 Power Rd, (7	• .	Expira	tion Date	:: N/A	
4. Identifica	ntion of System: N	GE02					Code Class	1
5(a) Applica	able Construction (Code Pipe: Component:	1974 Edi 1974 Edi		Summ 74			Code Case
(b) Applica	able Edition of Sec	•	•		· · · · · · · · · · · · · · · · · · ·		See Note 1 Sec XI 2004	
(c) Section	n XI code Cases us	ed N/A						
6. Identifica	ation of Componen	ts Repaired or R	eplaced a	nd Re	placement	Compon	ents	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	lde	Other	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	N/A		NGE02	1986	Replacement	Yes
			<u>-</u>					لــــــــــــــــــــــــــــــــــــ

7. Description: Replaced two (2) hydraulic snubbers 1S102C and 1S102D to facilitate testing.

8. Tests Conducted:	Hydrostatic	Pneumatic	□ Nominal (Operating I	Pressure	
	Other 🗆	Exempt 🗹	Pressure:	psi	Test Temp:	

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

Note 1: Code Cases utilized - 1644-8, 1682-1, 1706, and N-242. Receiving Info: 1S102C: S/N Installed 010E70; this snubber came from its previous location 1S369B.

1S102D: S/N Installed 013E50; this snubber came from	its previous location 1S105A.
CERTIFICATE OF C	OMPLIANCE
We certify that the statements made in the report are corre	ect and this Replacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp <u>N/A</u>	
Certificate of Authorization No. NIA	
Signed Mirza Bar Engineer	Date <u>12-18-</u> , 20 <u>19</u>
Owner or Owner's Designee. Title	
CERTIFICATE OF INSER	
CERTIFICATE OF INSER	VICE INSPECTION
I, the undersigned, holding a valid commission issued by the Vessel Inspectors and the State of Province of <u>Illinois</u> . Steam Boiler Inspection and Insurance Co. Hartford, CT has components described in this Owner's Report during the pand state that to the best of my knowledge and belief, the and taken corrective measures described in this Owner's For the ASME Code, Section XI. By signing this certificate na makes any warranty, expressed or implied, concerning the measures described in this Owner's Report. Furthermore, shall be liable in any manner for any personal injury or provide the form or connected with this inspection.	and employed by The Hartford ave inspected the period 9/17 201 to 12/18/2019, e Owner has performed examinations Report in accordance with the requirements either the Inspector nor his employer e examinations and corrective , neither the Inspector nor his employer
•	National Board, State, Province, and Endorsements
Date, 20	

1. Owner: Exelon Corporation			Data	Repor	t No. RF-19-0	47		
Name 4300 Winfield Rd, Warrenville, IL 60555			Date	2:	12/18/20	19		
	4500 WITHEID RD	Address	60555	<u> </u>	Shee	et	1 of	1
2. Plant:	Clinton Power Sta	ntion Name			_ Unit	: 1		
	8401 Power Rd, (<u>Clinton, IL 61727</u> Address	7				5, 19, 22	
		Address			Repa	ir Organi	zation P.O. No., J	OD NO.
3. Work Per	formed by: Clint	on Power Station	า		Type Co	de Sym	bol Stamp: <u>N</u>	/A
		Name			Authoriz	atioņ N	o: N/A	
	8401 Power Rd, (Address	7		Expiratio	on Date	:: N/A	
,	• • • • •			2.3			and the second of	£
4. Identification of System: NGE01						Code Class	1.	
5(a) Applica	ble Construction (·	1974 Ed		Summ 74 A			Code Case
		Component:	1974 Ed	lition	Summ 74 A	ddenda	See Note 1	Code Case
	able Edition of Sec		or Repair	s or R	eplacements	ASME	Sec XI 2004	Ed; No Add
(c) Section	NXI code Cases us	ed <u>N/A</u>			<u> </u>		· · · · · · · · · · · · · · · · · · ·	
6. Identifica	tion of Componen	ts Repaired or Re	eplaced a	and Re	eplacement C	ompon	ents	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	lde	Other entification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	NA		NGE01	1986	Replacement	Yes
			•					

7. Description: Replaced three (3) hydraulic snubbers, 1S372B, 1S373A, and 1S373B to facilitate testing.

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating I	Pressure 🗆	
	Other 🗆	Exempt 🗹	Pressure:	psi	Test Temp:	٥F

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

Note 1: Code Cases utilized - 1644-8, 1682-1, 1706, and N-242. Receiving Information: 1S372B: S/N Installed 014E70; this snubber came from its previou location 1S371B. 1S373A: S/N Installed 020E70; this snubber came from its previou location 1S375B. 1S373B: S/N Installed 016E70; this snubber came from its previou location 1S374B.

	15373B: S/N Installed 010E70; this shubber came from its previou	
ſ	CERTIFICATE OF COMPLIA	NCE
h	We certify that the statements made in the report are correct and this	s Replacement conform to the
ļ	rules of the ASME Code, Section XI.	repair or replacement
Т	Type Code Symbol StampA	
	Certificate of Authorization No. <u>NJA</u>	· · · · · · · · · · · · · · · · · · ·
	Signed Mirga Barip Engineer	Date <u>12 - 18</u> , 20 <u>19</u>
	Owner or Owner's Designee. Title	
ļ		
	CERTIFICATE OF INSERVICE IN	SPECTION
		I Decided Final Processing
	I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of <u>Illinois</u> and enderseline and enderselin	n Board of Boller and Pressure
	Steam Boiler Inspection and Insurance Co. Hartford, CT have inspect	ted the
	components described in this Owner's Report during the period	172017 to $12/18/2019$,
	and state that to the best of my knowledge and belief, the Owner had and taken corrective measures described in this Owner's Report in a	ccordance with the requirements
	of the ASME Code, Section XI. By signing this certificate neither the 1	Inspector nor his employer
	makes any warranty, expressed or implied, concerning the examinat	ions and corrective
	measures described in this Owner's Report. Furthermore, neither th shall be liable in any manner for any personal injury or property dam	age or a loss of any kind
	arising from or connected with this inspection.	
	Commissions NB ⁿ /	1989 C, I, N, R I (#1721
	Commissions <u>IVS</u>	Board, State, Province, and Endorsements
	Inspector's.Signature	
i	Date 7, 20	

1. Owner: Exelon Corporation				_ Data Report No. RF-19-048				
Name 4300 Winfield Rd, Warrenville, IL 60555			Date	2:	12/19/20	19		
	4300 WINITED RO	Address	00555		She	et	10f	1
2. Plant:	Clinton Power Sta				Unit	: 1		
		Name						
	8401 Power Rd, 0		7				1, <u>32, 35, 38</u>	
		Address			Repa	iir Organi	zation P.O. No., J	ob No.
3. Work Per		on Power Statior	ı		Туре Сс	de Syn	bol Stamp: <u>N</u>	Ά
		Name			Authoriz	ation N	lo: N/A	
	8401 Power Rd,	Clinton, IL 61727	7		Expiratio	n Date		
		Address	•	• .•	- /	-		
				• .	· · · · · · ·			÷.
4. Identifica	ation of System: N	RH08				•	Code Class	2 .
5(a) Applica	able Construction (Code Pipe:	1974 Ed	lition	Summ 74 A	ddenda	n/A	Code Case
		Component:	1974 Ed	lition	Summ 74 A	ddenda	a N/A	Code Case
(b) Applica	able Edition of Sec	tion XI Utilized fo	or Repair	s or R	eplacements	ASME	Sec XI 2004 E	d: No Add
	n XI code Cases us		•					
				.				
6. Identifica	ation of Componer	its Repaired or Re	eplaced a	and Re	eplacement C	Compon	ents	
Name of	Name of	Manufacturer	National		Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	lde	entification	Built	Replaced or	Code
	·						Replacement	Stamped
PP	Illinois Power	PIPING SYSTEM	NA NA		NRH08	1985	Replacement	Yes
			······································					
<u> </u>								
7. Descript	ion: Replaced fou	r (4) Mechanical	Snubber	s 1RH(09059S, 1RH	090605	, 1RH09062S.	and
	1RH09065S.				,		, , , , , , , , , , , , , , , , , , , ,	

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating I	Pressure	
	Other 🗌	Exempt 🗹	Pressure:	psi	Test Temp:	٥F

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

Receiving Information: 1RH09059S: Cat ID - 1151215; UTC # - 4362115 1RH09060S: S/N Installed 15294; this snubber came from it's previous location1RT12004S-SE 1RH09062S: S/N Installed 19204; this snubber came from it's previous location1RH07114S-E 1RH09065S: S/N Installed 19167; this snubber came from it's previous location1RH07047S-N

CERTIFICATE OF COMPL	
We certify that the statements made in the report are correct and	this <u>Replacement</u> conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol StampA	
Certificate of Authorization No. N) A	
Signed <u>Mirea Barip Engineer</u> Owner or Owner's Designee. Title	Date <u>12-19-</u> , 20 <u>19</u>
CERTIFICATE OF INSERVICE	INSPECTION
I, the undersigned, holding a valid commission issued by the Native Vessel Inspectors and the State of Province of <u>Illinois</u> and Steam Boiler Inspection and Insurance Co. Hartford, CT have inspector described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner and taken corrective measures described in this Owner's Report is of the ASME Code, Section XI. By signing this certificate neither the makes any warranty, expressed or implied, concerning the examineasures described in this Owner's Report. Furthermore, neither shall be liable in any manner for any personal injury or property of arising from or connected with this inspection.	d employed by The Hartford pected the to/12/19/2019, er has performed examinations in accordance with the requirements the Inspector nor his employer inations and corrective er the Inspector nor his employer

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1. Owner: Exelon Corporation				Da	ta Repo	rt No. RF-19-0	49	
	Name <u>4300 Winfield Rd, Warrenville, IL 60555</u>				Da	te:	12/20/20	19
	4300 Willineid Ro	Address	. 60555		She	eet	1 of	1
2. Plant:	Clinton Power St	ation			Un	it: 1		
		Name			. On			
	8401 Power Rd,		.7		<u>47</u> 2	26924-0	3	
		Address			Rep	air Organ	ization P.O. No., J	ob No.
3. Work Pe	formed by: Clin	ton Power Statio	n		Туре С	ode Syr	nbol Stamp: N	/A
		Name			Authori	zation M	No: N/A	
:	8401 Power Rd,	Clinton, IL 6172	27		• .		e: N/A	
		Address			Lynar			·
4. Identifica	ation of System: N	MS01			Code Class 2			
5(a) Applica	able Construction	Code Pipe:	1974 Ec	lition	Summ 74	Addenda	a N/A	Code Case
	•	Component:	1974 Ec	lition	Summ 74	Addenda	a N/A	Code Case
(b) Applica	able Edition of Sec	tion XI Utilized f	or Repair	s or Re	nlacements			
(c) Section	NXI code Cases us	sed N/A	or nopun	0 01 110	placement			u, no Auu
	ition of Componer	nts Repaired or R	Replaced a	and Re	placement (Compon	ients	
Name of Component	Name of Manufacturer	Manufacturer	National		Other	Year	Repaired	ASME
Component	wanulacturer	Serial Number	Board No	lde	ntification	Built	Replaced or Replacement	Code
PP		47000					·	Stamped
ГГ 	Basic Engineer	47396	N/A	Mecl	h Snubber	2017	Replacement	No
	•							
7 Darawiati								

7. Description: Replaced One (1) Mechanical Snubber 1MS38097S to facilitate testing.

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating I	Pressure	
	Other 🗌	Exempt 🗹	Pressure:	psi	Test Temp:	°F

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9. Remarks (Applicable Manufacturer's Data Reports to be attached): Receiving Information: 1MS38097S: Cat ID - 1151218; UTC # - 4446904

CERTIFICATE OF C	OMPLIANCE
We certify that the statements made in the report are corr	ect and this Keplacemen Conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	
Certificate of Authorization NgN/A	2010
Signed Mirza Barp Engeneer	Date <u>12 - 2 D</u> , 20 <u>19</u>
Owner or Owner's Desiance. Title	
CERTIFICATE OF INSER	VICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT h components described in this Owner's Report during the and state that to the best of my knowledge and belief, th and taken corrective measures described in this Owner's of the ASME Code, Section XI. By signing this certificate r makes any warranty, expressed or implied, concerning th measures described in this Owner's Report. Furthermore shall be hable in any manuer for any personal injury or pr arising from or connected with this inspection. <u>Inspector's Signature</u> Date <u>Q D C </u> , 20 <u>1</u>	and employed by <u>The Hartford</u> ave inspected the period <u>619</u> , to <u>12/20/2019</u> , e Owner has performed examinations Report in accordance with the requirements neither the Inspector nor his employer e examinations and corrective , neither the Inspector nor his employer

1. Owner: Exelon Corporation				Data	Repo	rt No. RF-	19-0	51	
	Name 4300 Winfield Rd, Warrenville, IL 60555			Date	::	12/2	1/20	19	
		Address	00000		Shee	et	1 of		1
2. Plant:	Clinton Power Sta	ation			Unit	: 1			
		Name							
	8401 Power Rd,		7				2,06,13		
	1771 - 201	Address			Repai	r Organi	ization P.O. I	No., J	ob No.
3. Work Per	formed by: Clin	ton Power Statio	า		Type Co	de Syn	nbol Stam	p: N,	/A
		Name			Authoriza	ation N	lo: N/A		
	8401 Power Rd,	Clinton, IL 6172	7						
	· · · · · ·	Address		۰. ۲	cxpiratio	n Date	e: <u>N/A</u>	<u>, ', ,</u>	:1
4. Identification of System: <u>NFW02</u> 5(a) Applicable Construction Code Pipe: 1974 Edition			lition	Summ 74 Ad		Code Cl		1 Code Case	
-(-)		Component:	1974 Ed		Summ 74 Ad			· ·	
<i></i>		·						· ·	Code Case
(b) Applica	able Edition of Sec	tion XI Utilized fo	or Repair	s or Re	placements	ASME	Sec XI 20)04 E	Ed; No Add
(c) Sectior	n XI code Cases us	sed N/A							
6. Identifica	ition of Componer	its Repaired or R	eplaced a	and Rep	placement Co	ompon	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	(Other ntification	Year Built	Repaired Replaced Replacem	or	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	NA	N	FW02	1986	Replacem	nent	Yes
								•	· · · · · · · · · · · · · · · · · · ·
7. Descript	ion: Replaced Thr	ee (3) Mechanica	al Snubbe	ers 1FW	/01007S, 1F\	W0200	7S, and 1	, FW0	2010S to

facilitate testing.

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating	Pressure 🗆	
	Other 🗌	Exempt 🗹	Pressure:	psi	Test Temp:	٥F

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

Receiving Information: 1FW01007S: Cat ID - 27676; UTC # - 2946811 1FW02007S: Cat ID - 1151215; UTC # - 4362114 1FW02010S: Cat ID - 1151215; UTC # - 4362113

1 W020105. Cdt ID 1151215/ 010 # 1502115	
CERTIFICATE OF	
We certify that the statements made in the report are co	rrect and this Kepla cemen conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp <u>N)A</u>	
Certificate of Authorization No. NJA	
Signed Mirza Barp Engineer	Date <u>12-21 -</u> , 20 <u>19</u>
Owner or Owner's Desianee. Title	
CERTIFICATE OF INSE	RVICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of <u>Illinois</u> Steam Boiler Inspection and Insurance Co. Hartford, CT components described in this Owner's Report during the and state that to the best of my knowledge and belief, t and taken corrective measures described in this Owner's of the ASME Code, Section XI. By signing this certificate makes any warranty, expressed or implied, concerning t measures described in this Owner's Report. Furthermor shall be liable in any manner for any personal injury or arising from or connected with this inspection. <u>Inspector's Signature</u> , 20_7	and employed by The Hartford have inspected the period <u>SSS</u> to <u>12/21/2019</u> , the Owner has performed examinations s Report in accordance with the requirements neither the Inspector nor his employer the examinations and corrective re, neither the Inspector nor his employer

1. Owner: Exelon Corporation				Data Report No. RF-19-053					
	Name <u>4300 Winfield Rd, Warrenville, IL</u> 60555				Da	ate:		12/21/20	19
	Address				Sh	neet	1	of	1
2. Plant:	Clinton Power Station				Ur	nit: <u>1</u>			
•	8401 Power Rd.		7		47	26929-2	26		
	8401 Power Rd, Clinton, IL 61727 Address				Repair Organization P.O. No., Job No.				
3. Work Per	rformed by: Clin	ton Power Statio	n		Туре (Code, Syr	nbol :	Stamp: N	/A
		Name			Autho	rization I	No: N	I/A	
1	, 8401 Power, Rd,	Clinton, IL 6172 Address	7		•••	tion Dat	. —	;	:
4. Identifica	ation of System: <u>N</u>	INB01					Со	de Class	1
5(a) Applica	5(a) Applicable Construction Code Pipe: 1974 Edition				Summ 74	Addend	a	N/A	Code Case
		Component:	1974 Ed	lition	Summ 74	Addend	a	N/A	Code Case
	able Edition of Sec n XI code Cases u		or Repair	s or Re	placement	ts <u>ASM</u>	E Sec	XI 2004	Ed; No Add
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Rej	placement	Compoi	nents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		Other ntification	Year Built	Re Re	epaired blaced or blacement	ASME Code Stamped
PP	ILLINOIS POWER	PIPING SYSTEM	NA	N	INB01	1986	Rep	lacement	Yes
7. Descript	ion: Replaced a N								

8. Tests Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box Other 🗌 Exempt 🗹 Pressure: Test Temp: ٥F psi

 9. Remarks (Applicable Manufacturer's Data Reports to be attached): Receiving Information: 1NB01002S: Cat ID - 1151214; UTC # - 4445217

	TIFICATE OF C	
We certify that the statements made i	n the report are cori	rect and this Replacement conform to the
rules of the ASME Code, Section XI.		repair or replacement
Type Code Symbol Stamp <u>NJA</u>		
Certificate of Authorization No. NJA		
Signed Mirza Barp	Engineer	Date <u>12 - 21</u> , 20 <u>19</u>
Owner or Owner's Desianee. Title	0	
	,	
CERTIFIC	CATE OF INSER	VICE INSPECTION
Vessel Inspectors and the State of Pr Steam Boiler Inspection and Insurance components described in this Owner's and state that to the best of my know and taken corrective measures descri- of the ASME Code, Section XI. By sig makes any warranty, expressed or im measures described in/this Owner's R	ovince of <u>Illinois</u> te Co. Hartford, CT h is Report during the vledge and belief, th bed in this Owner's ning this certificate m pplied, concerning th Report. Furthermore personal injury or pu spection.	have inspected the period to to to, ne Owner has performed examinations Report in accordance with the requirements neither the Inspector nor his employer

Name 4726929-31 & 1709432-02 8401 Power Rd, Clinton; IL 61727 4726929-31 & 1709432-02 Address Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A Name Authorization No: N/A 8401 Power Rd, Clinton, IL 61727 Expiration Date: N/A Address Code Class 2	1. Owner: Exelon Corporation				Data Report No. RF-19-054					
Address Sheet 1 of 1 2. Plant: Clinton Power Station Name Unit: 1		•				Date: 12/23/2019				19
Name 4726929-31 & 1709432-02 Address Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A Name Authorization No: N/A Authorization No: N/A . 8401 Power Rd, Clinton, IL 61727 Address Expiration Date: . 8401 Power Rd, Clinton, IL 61727 Address Authorization No: N/A . 8401 Power Rd, Clinton, IL 61727 Expiration Date: N/A . 4. Identification of System: NRI01 Code Class 2 5(a) Applicable Construction Code Pipe: 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 Name of Manufacturer National Board No Other Year Repaired Replaced or Replacement Stamped Stamped			She	et	1	of	1			
8401 Power Rd, Clinton; IL 61727 Address 4726929-31 & 1709432-02 Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Name Type Code Symbol Stamp: N/A . 8401 Power Rd, Clinton, IL 61727 Address Type Code Symbol Stamp: N/A . 8401 Power Rd, Clinton, IL 61727 Address Expiration Date: N/A . 1 dentification 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 Kode Cases 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 NAme of Manufacturer Name of Manufacturer Serial Number National Other Year Replaced or Replaced or Replaced or Replaced or Name of Manufacturer Serial Number No Other Replaced or Replaced or Replaced or Replacement	2. Plant:	Clinton Power Sta	ation			Uni	t: 1			
Address Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A Name Authorization No: N/A Address Authorization No: N/A Address Expiration Date: N/A Address Address Code Class 2 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addread N/A Code Case Component: 1974 Edition Summ 74 Addreadenda N/A Code Class 2 5(a) 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 Name of Manufacturer National Board No Identification Board No Identification Built Repaired Replaced or										
3. Work Performed by: Clinton Power Station Type Code Symbol Stamp: N/A Name Authorization No: N/A 8401 Power Rd, Clinton, IL 61727 Address Address Expiration Date: N/A 4. Identification of System: NRI01 Code Class 2 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addreda N/A Code Case Component: 1974 Edition Summ 74 Addreda 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 Manufacturer Name of Components Name of Replaced or Replaced and Replacement Components Name of Component Manufacturer National Board No Other Board No Built Replaced or Replaced or Replaced or Replaced or Replaced or Replacement		8401 Power Rd,		7					_	
Name Authorization No: N/A 8401 Power Rd, Clinton, IL 61727 Expiration Date: Address Expiration Date: 4. Identification of System: NRI01 Code Class 2 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addrease Component: 1974 Edition Summ 74 Addrease N/A Code Class 2 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addreade N/A Component: 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 Manufacturer Serial Number Board No Board No Identification Built Repaired Replaced or Replaced or Replac			Address			Repair Organization P.O. No., Job No.				
8401 Power Rd, Clinton, IL 61727 Function 2adon No. N/A Address Expiration Date: N/A 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 Add (c) Section XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Name of Component Manufacturer Serial Number National Board No Identification Built Replaced or Replacement Stamped	3. Work Per	formed by: Clin	ton Power Statior	า		Type Code Symbol Stamp: N/A				
Address Expiration Date: N/A 4. Identification of System: NRI01 Code Class 2 5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addreda N/A Code Case 5(a) Applicable Construction Code Pipe: 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 Name of Manufacturer Name of AsME Name of Name of Manufacturer National Other Year Repaired ASME Code or Replaced or Serial Number Board No Identification Built Replaced or Code						Authori	zation N	lo: N/A		
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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 N/A N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Board No Identification Pipelacement Serial Number			Address			, Expired	·		•	
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 2004 Ed; No Add (c) Section XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial Number Board No Identification Pear Built Replaced or Replaced or Replaced or Replacement	5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code C						Code Case			
(c) Section XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replaced or Replaced or Serial Number			Component:	1974 Ec	lition	Summ 74 A	\ddenda	а	N/A	Code Case
(c) Section XI code Cases used N/A 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replaced or Replaced or Serial Number	(b) Applica	able Edition of Sec	tion XI Utilized fo	or Repair	s or Re	eplacements	ASME	Sec XI	2004 F	d: No Add
6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Manufacturer National Board No Other Identification Year Built Repaired Replaced or Replacement ASME Code Stamped				•						
Name of Component Name of Manufacturer Manufacturer National Serial Number Other Year Repaired ASME Board No Identification Built Replaced or Replacement Code			· · · · · · · · · · · · · · · · · · ·							······
Component Manufacturer Serial Number Board No Identification Built Replaced or Code Replacement Stamped			its Repaired or Re	eplaced a	and Re	placement (Compor	ents		
Replacement Stamped										
	Component	Manufacturer	Serial Number	Board No	Ide	entification	Built			
FF ILLINOIS POWER FIFING SYSTEM N/A NRI01 1986 Replacement Yes								·		
			FIFING STSTEW	N/A		NRI01	1986	Replace	ement	Yes
										÷.,
			;	_						1
	7 Deceriet	inne Denkrad Te	. (2) M 1 1 1	- I.I						
7. Description: Replaced Two (2) Mechanical Snubbers 1RI01008S and 1RI02018S to facilitate testing.	7. Descript	ion: keplaced Iw	o (2) Mechanical	Snubber	s 1RI0	1008S and 1	LRI0201	L8S to fa	cilitate	e testing.

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Exempt
Pressure: psi Test Temp:

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

Receiving Information:

1RI01008S: S/N Installed 10336; this snubber came from its previous location 1VG01005S 1RI02018S: Cat ID - 1151214; UTC # - 4445216

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are o	correct and this Replacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol StampA	
Certificate of Authorization No. NIA	
Signed Mirza Barp Engeneer	Date <u>12-23 -</u> , 20 <u>)9</u>
Owner or Owner's Desiance. Title	
CERTIFICATE OF INS	ERVICE INSPECTION
I, the undersigned, holding a valid commission issued Vessel Inspectors and the State of Province of <u>Illino</u> Steam Boiler Inspection and Insurance Co. Hartford, C components described in this Owner's Report during t and state that to the best of my knowledge and belief and taken corrective measures described in this Owner of the ASME Code, Section XI. By signing this certifica makes any warranty, expressed or implied, concerning measures described in this Owner's Report. Furtherm shall be liable in any manner for any personal injury o arising from or connected with this inspection. Date <u>Inspector's Signature</u> , 20	and employed by The Hartford $12/23/2019$, the period $3/29/17$ to $12/23/2019$, the Owner has performed examinations er's Report in accordance with the requirements interesting the examinations and corrective more, neither the Inspector nor his employer

1. Owner:	Owner: Exelon Corporation				Data Report No. RF-19-055				
	4300 Winfield Rd	D	Date: 12/23/2019						
		S	neet	1	of	1			
2. Plant:	Clinton Power Sta	U	nit: <u>1</u>						
·	8401 Power Rd,	Clinton, IL 6172 Address	7		See Remarks for W/Os Repair Organization P.O. No., Job No.				
3. Work Pe	rformed by: Clini	ton Power Statio	n	Туре	Code Syr	nbol S	stamp: <u>N</u> /	<u>/</u> A	
		Name		Autho	rization I	No: N/	/A		
	8401 Power Rd,	Clinton, IL 6172 Address	7	Expira	ition Dat	e: N/	A _		
4. Identifica	4. Identification of System: NRT03 & NRT05 Code Class 1,3							1,3	
5(a) Applicable Construction Code Pipe: 1974 Edition Summ 74 Addenda N/A Code Case							Code Case		
Component: 1974 Edition Summ 74 Addenda N/A Cod						Code Case			
	able Edition of Sec		or Repair	s or Replacemen	ts <u>ASM</u>	E Sec	XI 2004 E	Ed; No Add	
(c) Sectio	n XI code Cases us	sed N/A		·····					
6. Identifica	ation of Componer	its Repaired or R	eplaced	and Replacement	: Compor	nents			
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Rep	paired laced or acement	ASME Code Stamped	
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NRT03, NRT05	NA	Repl	acement	Yes	
7 Descript	ion: Replaced Six	(6) Mechanical S	nubborg	(coo romarka far		faailit			
/ Descript	ioni replaced Six	(o) mechanical a	nunnels	(See remarks for		acilità	ate testin	y.	

8. Tests Conducted:	Hydrostatic	Pneumatic	🗆 Nominal	Operating I	Pressure 🗀	
	Other 🗆	Exempt 🗹	Pressure:	psi	Test Temp:	

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 9. Remarks (Applicable Manufacturer's Data Reports to be attached): W/Os: 4726929-36, 37, 38, 39; 1543371-02 & 1543374-02. Receiving Information: 1RT02072S: S/N Installed 18106; this snubber came from its previous location 1HP03006S 1RT07028S: Cat ID - 1151214; UTC # - 4372695 1RT07040S: Cat ID - 1151214; UTC # - 4445213 1RT07052S: Cat ID - 1151214; UTC # - 4372696 1RT01002S: Cat ID - 1151214; UTC # - 4445218 1RT01035S: Cat ID - 1151214; UTC # - 4445214]
We certify that the statements made in the report are correct and this Replacement conform to th	
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rules of the ASME Code, Section XI. repair or replacement	
Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u>	-
Signed <u>Hiras Barb Engineer</u> Date 12-23-, 2019	-
Owner or Owner's Designeel Title	
CERTIFICATE 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 <u>Illinois</u> and employed by <u>The Hartford</u> Steam Boiler Inspection and Insurance Co. Hartford, CT have inspected the components described in this Owner's Report during the period <u>5</u> <u>3</u> <u>11</u> to <u>12/23/2019</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from of connected with this inspection. Inspector's Signature Date Report Z0	