

An Exelon Company

Clinton Power Station R. R. 3, Box 228 Clinton, IL 61727

10 CFR 50.55a(g)

U-603857 May 5, 2008

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

Clinton Power Station, Unit 1

Facility Operating License No. NPF-62

NRC Docket No. 50-461

Subject:

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

In accordance with 10 CFR 50.55a, "Codes and standards," paragraph (g), "Inservice inspection requirements," AmerGen Energy Company, LLC (AmerGen) is required to maintain an Inservice Inspection Program in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. Please find enclosed the Post-Outage (90-Day) ISI Summary Report for Clinton Power Station, Unit 1, for examinations and repair/replacement activities performed between February 26, 2006 (i.e., the end of the 10th refueling outage) and February 5, 2008 (i.e., the end of the 11th refueling outage).

This report is submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, Paragraph IWA-6230. The 11th refueling outage was the first outage scheduled in the third inspection period of the second inspection interval. The second inspection interval is from January 1, 2000 to December 31, 2010.

This letter contains no regulatory commitments.

Should you have any questions related to this information, please contact Mr. Jim Peterson at (217) 937-2810.

Respectfully,

Steven A. Gackstetter

Regulatory Assurance Manager

Clinton Power Station

A047

MPR

Amergen Energy Company. LLC Clinton Power Station U-603857 Page 2 of 2

JLP/blf

Attachment - 90-Day Post-Outage ISI Summary Report

cc: Regional Administrator, NRC Region III

NRC Senior Resident Inspector, Clinton Power Station

Office of Nuclear Facility Safety – IEMA Division of Nuclear Safety

AmerGen

An Exelon Company

INSERVICE INSPECTION SUMMARY REPORT

REPORT DATE:

May 02, 2008

INSERVICE DATE:

April 24, 1987

REFUELING OUTAGE:

C1R11

CLINTON POWER STATION
R.R.#3 Box 228, CLINTON, ILLINOIS 61727

ATTACHMENT U-603857

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

INSERVICE INSPECTION SUMMARY REPORT

C1R11

Prepared by:	Mirza Bar	/ 5-2-08
Reviewed by:	Santin	15/2/08
		/
Approved by:	Stay Colory	15/2/08
Concurred by:	MIL	<u> 15/2/08</u>

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SECTION 1

INTRODUCTION AND SCOPE

INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between February 26, 2006 and February 05, 2008. This is the first inspection performed during the third inspection period of the second ten (10)-year interval. During this Fuel Cycle, CPS experienced three forced outages (C1F47, C1F48, and C1F49) and one planned refueling outage (C1R11). All examinations, tests, repairs and replacements were performed in accordance with the CPS Inservice Examination Plan which complies with ASME Section XI, 1989 Edition.

The ASME Section XI examinations, tests and repairs/replacements were witnessed or verified by Authorized Nuclear Inservice Inspector (ANII) M. Haydon of Hartford Steam Boiler of Connecticut. This summary report contains additional augmented (non-ASME Section XI) inspection results not required to be witnessed or verified by the ANII.

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

Scope:

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

Preservice Examinations — Preservice examinations were performed on bolting associated with the control rod drives and various flange bolting.

Scheduled Inservice Examinations – The NIS-1 Data Report (Section 2) provides the listing of all examinations completed during C1R11. Conditions noted during C1R11 and corrective measures taken are described in the NIS-1 Data Report.

Snubbers – There are five hundred seventy-one (571) snubbers in the ISI Program required by the CPS Operational Requirements Manual (ORM). Per the initial outage scope, 79 snubbers were functionally tested as follows:

Fifty-nine (59) snubbers to meet the 10% ORM representative sample requirement, Four (4) snubbers that failed functional testing in C1R10,

Six (6) snubbers that were degraded in C1R10 (tested as part of the Service Life Monitoring Program).

Ten (10) snubbers that were selected for preventive maintenance per corrective action 205123-07.

It should be noted that twenty (20) type-1 snubbers had preventive maintenance (PM) performed on them to address corrective action 205123-07. Ten (10) of these snubbers were part of the original 10% sample plan. The other ten (10) snubbers were selected solely to perform the PM activity. All were functionally tested before their PM.

During the performance of initial sample testing, five (5) snubbers (two (2) type-1, two (2) type-2 and one (1) type-4) failed to meet functional testing acceptance criteria. Type-1 snubbers consist of PSA-1/4 and 1/2 sizes, type-2 snubbers consist of PSA-1, 3 and 10 sizes and type-4 snubbers consist of PSB-.05 mechanical struts.

For the two (2) type-1 snubber failures, an additional ten (10) type-1 snubbers (5 for each failure) were selected for functional testing. No failures occurred in these sample expansions.

For the two (2) type-2 snubber failures, an additional thirty-two (32) type-2 snubbers (16 for each failure) were selected for functional testing. One (1) additional failure occurred and sixteen (16) additional type-2 snubbers were selected for functional testing. No failures occurred in this additional sample expansion.

For the one (1) type-4 snubber failure, one (1) additional type-4 snubber was selected for functional testing. No failures occurred in this sample expansion.

Two of the type-1 failures identified above resulted in a Failure Mode Group (FMG) being identified. When it was noted that two (2) type-1 snubbers exposed to similar environmental conditions had failed, a decision was made to test the remaining nine (9) snubbers in these locations. Some were type-1

and some were type-2. Two (2) of the type-2 snubbers selected in the FMG also failed functional testing.

One (1) type-1 snubber failed its PM inspection and one (1) type-1 snubber that failed in C1R10 also failed in C1R11.

Overall, one hundred and thirty-seven (137) snubbers were functionally tested in C1R11.

Component Supports – Twenty five (25) components supports (other than snubbers) and four (4) Class 3 integral attachments were scheduled for visual examination for C1R11. All were found acceptable.

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

Repairs and Replacements – During C1R11 no repairs and replacements were required as a result of scheduled examinations. Also during C1R11, there were several modifications performed. The modifications, as well as repairs and replacements which resulted from routine maintenance, are specifically detailed in Section 6 of this report.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

1.	Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087								
2.	Plant: Clinton Power Station, RR3 Box 228	Clinton, IL 61727							
3.	Plant Unit: 1	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>							

10. Abstract of Examination:

Listing of Examinations:

Table 1 lists scheduled examinations of components for C1R11. The results column in the table provides further explanation for these examinations. Those items, which were examined, that require no further evaluation are identified as acceptable.

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

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

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

Current Interval Status:

Currently CPS is in the Third Period of the Second Interval. CPS had two (2) refueling outages, C1R07 and C1R08 during the First Period. CPS had two (2) refueling outages, C1R09 and C1R10, during the Second Period. CPS will have two (2) refueling outages, C1R11 and C1R12, during the Third Period. With the exception of the examinations that may be deferred until the end of the inspection interval, the required examinations in each examination category were completed (Inspection Program B).

During the seventh refueling outage (C1R07) two (2) items were identified as requiring relief from NRC. These items are identified as N7 and RHR-A-2. During the eighth refueling outage (C1R08) ten (10) items were identified as requiring relief from NRC. These items are CH-C-2, RPV-C5, N2F, N2G, N3A, N3C, N4A, N4D, N5A, and N9A. During the ninth refueling outage (C1R09) one (1) item was identified as requiring relief from NRC. This item is identified as 1-MS-A-7PR-WA. During CR10 eleven items were identified as requiring relief from NRC. These items are identified as N1B, N2B, N2C, N2D, N2E, CH-C-2, 1-RR-A-1, 1-RR-B-1, 1-RH-20-7, 1-RT-36-7, and 1-RT-36-1A. During C1R11 five (5) items were identified as requiring relief from NRC. These items are N8, 1-MS-C-8PR-WA, 1-MS-D-7PR-WA, 1-RR-A-PR-1-WA, and RCIC-1A(1-4).

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

1.	Owner Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087
2.	Plant Clinton Power Station, RR3 Box 228, Clinton,IL 61727
3.	Plant Unit1
5.	Commercial Service Date <u>4/24/1987</u> 6. National Board Number for Unit <u>N/A</u>
7.	Components Inspected

Component or	Manufacturer	Manufacturer	State	National	
Appurtenance	or Installer	or Installer Serial No.	Number	Board No.	
Reactor Vessel				,	
1B13-D003	Chicago Bridge & Iron Co.	B5225	B005056	4442	
RHR Pump					
1E12-C002A	Byron Jackson	741-S-1448	N/A	N/A	
HPCS Pump 1E22-C001	Byron Jackson	731-S-1186	N/A	N/A	
LPCS Pump					
1E21-C001	Byron Jackson	741-S-1451	N/A	N/A	
RCIC Pump 151-C001	BINGHAM-WILLAMETTE	16210287	N/A	NB-550	
RHR Heat Exchanger 1E12B001A	JOSEPH OAT	2318-A	N/A	1052	
Valve 1B21-F022D	ATWOOD & MORRILL	4-562	N/A	N/A	
Valve		E5834-2-1			
1B33-F067A	Anchor/Darling Valve Co.	E5834-2-1	N/A	N/A	
Valve		E-6214-6-1			
1E21-F005	Anchor/Darling Valve Co.				
Valve		E-6214-21-1			
1E22-F005	Anchor/Darling Valve Co.		N/A	N/A	
Valve	Anchor/Darling Valve Co.	E-6214-5-1	N/A	N/A	
1E51-F063					
Piping Systems	Illinois Power Co.	See Note 1	N/A	N/A	

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

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

FORM NIS-1 (Back)

8. Examination Dates $02/26/06$ to $02/05/08$ 9. Inspection Interval from $01/01/00$ to $12/31/10$
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Attachment 1.
11. Abstract of Conditions Noted. See Attachment 2.
12. Abstract of Corrective Measures Recommended and taken. See Attachment 2.
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Certificate of Authorization No. (if applicable)N/A Expiration DateN/A
Date 5-2-08 Signed Amergen Energy Co., LLC By Mirga Borr
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by Hartford Steam Boiler of Connecticut have inspected the components described in this owner's report during the period 02/26/06 to 02/5/08, 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 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 Commissions National Board, state, province, and endorsements
Date

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

TABLE 1

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

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

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE	ITEM		AM	CODE	CODE	CODE	RESULTS
NUMBER	IDENTIFICATION		PE	ITEM		CLASS	
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	1	ACCEPTABLE.
005025	N4D-W-1	MECH UT		R1.11	R-A	1	ACCEPTABLE
005520	N9B-W-1	UT		NA	NA	1	ACCEPTABLE
008100	VESSEL INTERIOR	VT-3		B13.10	B-N-I	1	ACCEPTABLE
008111	Shroud Vertical Welds (8)	EVT-I		NA	NA	l	ACCEPTABLE
008112	Tie Rods (2), Detail,65/245	VT-3		NA	NA	. 1	ACCEPTABLE
008113	Tie Rods (2), Gen.,155/335	VT-3		NA	NA	1	ACCEPTABLE
008352	FW SP END BRK BOLT STOP	VT-1		NA	NA	1	ACCEPTABLE, NOTE 8
008451	CORESPRAY INT PIPING	UT	EVT-1	NA	NA	1	ACCEPTABLE, NOTE 2
008555	RPV SP BRCKT ATT.	VT-1		B13.20	B-N-2	1	ACCEPTABLE, NOTE 3
008572	IRM (ONLY 4)	VT-3		NA	NA	1	ACCEPTABLE
008573	SRM (ONLY 2)	VT-3		NA	NA	1	ACCEPTABLE, NOTE 7
008574	LPRM (ONLY 4)	VT-3		NA	NA	1	ACCEPTABLE, NOTE 6
008584	St Dryer Supp Brackets	EVT-1		NA	NA	1	ACCEPTABLE, NOTE 4
008587	Steam Dryer	VT-1		NA	NA	NA	ACCEPTABLE, NOTE 5
008588	JP Wedges (only 6)	VT-1		NA	NA	1	ACCEPTABLE
008595	Jet Pump Beams	UT		NA	NA	1	ACCEPTABLE
008711	CORE SPRAY SPARGRS	EVT-1		NA	NA	1	ACCEPTABLE
009300	СН-МЕ	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, NOTE I
009650	N8-IRS	UT		B3.100	B-D	1	ACCEPTABLE
101220	I-MS-ASB-1-FB	VT-I		B7.50	B-G-2	1	ACCEPTABLE
104440	I-MS-C-8PR-WA	PT		B10.20	B-K	1	ACCEPTABLE, NOTE 1
105420	1-MS-CSD-1-FB	VT-1		B7.50	B-G-2	1	ACCEPTABLE
105820	1-MS-CSF-1-FB	VT-1		B7.50	B-G-2	1	ACCEPTABLE
106680	1-MS-D-7PR-WA	MT		B10.20	В-К	1	ACCEPTABLE, NOTE I
107220	1-MS-DSB-1-FB	VT-1		B7.50	B-G-2	1	ACCEPTABLE
112480	1-FW-2-8	UT-E		R1.11	R-A	1	ACCEPTABLE
112520	1-FW-2-6-3	UT-E		R1.11	R-A	1	ACCEPTABLE
112880	1-FW-1-3-10	UT-E		R1.11	R-A	1	ACCEPTABLE
113380	1-FW-2-3-10	UT-E		R1.11	R-A	1	ACCEPTABLE
114300	1-FW-1-1	UT-E		R1.11	R-A	1	ACCEPTABLE
134980	1-RR-A-PR-1-WA	PT		B10.20	В-К	I	ACCEPTABLE, NOTE 1
136440	1-RR-A-DRW-2-FB	VT-I		B7.50	B-G-2	1	ACCEPTABLE
151760	1-HP-5-12	UT-E		R1.11	R-A	i	ACCEPTABLE

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

TABLE 1

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

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

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

NUMBER IDENTIFICATION TYPE ITEM CATEGORY CLASS 162340 1-RH-23-7-2 UT-E R1.11 R-A 1 ACCEPTA 164380 1-RH-12-13-3 UT-E R1.11 R-A 1 ACCEPTA 164500 1-RH-12-13-2 UT-E R1.11 R-A 1 ACCEPTA 181000 1-RI-14-9 UT-E R1.11 R-A 1 ACCEPTA 181020 1-RI-14-5-4Q1 UT-E R1.11 R-A 1 ACCEPTA 181304 WO803566-4A UT-E R1.11 R-A 1 ACCEPTA 181940 IMC-43A MT B10.20 B-K 1 ACCEPTA 230680 IB33-F067A VT-1 B7.70 B-G-2 1 ACCEPTA 231100 IE51-F063 VT-1 B7.70 B-G-2 1 ACCEPTA 250140 IB21-F022D VT-3 B12.50 B-M-2 1 ACCEPTA	RESULTS
164500 1-RH-12-13-2 UT-E R1.11 R-A 1 ACCEPTA 181000 1-RI-14-9 UT-E R1.11 R-A 1 ACCEPTA 181020 1-RI-14-5-4Q1 UT-E R1.11 R-A 1 ACCEPTA 181304 W0803566-4A UT-E R1.11 R-A 1 ACCEPTA 181940 IMC-43A MT B10.20 B-K 1 ACCEPTA 230680 1B33-F067A VT-1 B7.70 B-G-2 1 ACCEPTA 231040 1E22-F005 VT-1 B7.70 B-G-2 1 ACCEPTA 250140 1B21-F022D VT-3 B12.50 B-M-2 1 ACCEPTA	BLE
181000 1-RI-14-9 UT-E R1.11 R-A 1 ACCEPTA 181020 1-RI-14-5-4Q1 UT-E R1.11 R-A 1 ACCEPTA 181304 WO803566-4A UT-E R1.11 R-A 1 ACCEPTA 181940 IMC-43A MT B10.20 B-K 1 ACCEPTA 230680 IB33-F067A VT-1 B7.70 B-G-2 1 ACCEPTA 231040 IE22-F005 VT-1 B7.70 B-G-2 1 ACCEPTA 231100 IE51-F063 VT-1 B7.70 B-G-2 1 ACCEPTA 250140 IB21-F022D VT-3 B12.50 B-M-2 1 ACCEPTA	BLE
181020 1-R1-14-5-4Q1 UT-E R1.11 R-A 1 ACCEPTA 181304 WO803566-4A UT-E R1.11 R-A 1 ACCEPTA 181940 IMC-43A MT B10.20 B-K 1 ACCEPTA 230680 IB33-F067A VT-1 B7.70 B-G-2 1 ACCEPTA 231040 IE22-F005 VT-1 B7.70 B-G-2 1 ACCEPTA 231100 IE51-F063 VT-1 B7.70 B-G-2 1 ACCEPTA 250140 IB21-F022D VT-3 B12.50 B-M-2 1 ACCEPTA	BLE
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230680 1B33-F067A VT-1 B7.70 B-G-2 1 ACCEPTA 231040 1E22-F005 VT-1 B7.70 B-G-2 1 ACCEPTA 231100 1E51-F063 VT-1 B7.70 B-G-2 1 ACCEPTA 250140 1B21-F022D VT-3 B12.50 B-M-2 1 ACCEPTA	BLE
231040 IE22-F005 VT-1 B7.70 B-G-2 I ACCEPTA 231100 IE51-F063 VT-1 B7.70 B-G-2 I ACCEPTA 250140 IB21-F022D VT-3 B12.50 B-M-2 I ACCEPTA	BLE
231100	BLE
250140 IB21-F022D VT-3 B12.50 B-M-2 I ACCEPTA	BLE
	BLE
1501 DOG	BLE
250960 1E21-F005 VT-3 B12.50 B-M-2 1 ACCEPTA	BLE
400100 HEA-3 MT UT C2.21 C-B 2 ACCEPTA	BLE
400110 HEA-3 IRS UT C2.22 C-B 2 ACCEPTA	BLE
400200 HEA-1 THRU -4-WA MT C3.10 C-C 2 ACCEPTA	BLE
577360 1-RH-21-16 MT C3.20 C-C 2 ACCEPTA	BLE
579620 1-RH-9-13-5 UT-E R1.20 R-A 2 ACCEPTA	BLE
579640 1-RH-9-13-7 UT-E R1.20 R-A 2 ACCEPTA	BLE
583420 IRH07018V-WA MT C3.20 C-C 2 ACCEPTA	BLE
594121 IRH07072S-WA MT C3.20 C-C 2 ACCEPTA	BLE
598200 IRH22001A-WA MT C3.20 C-C 2 ACCEPTA	BLE
599360 I-RH-21-9A MT C3.20 C-C 2 ACCEPTA	BLE
800180 RHR-A-5 MT C6.10 C-G 2 ACCEPTA	BLE
801580 LPCS-5 MT C6.10 C-G 2 ACCEPTA	BLE
802560 HPCS-4 MT C6.10 C-G 2 ACCEPTA	BLE
803300 RCIC-3 MT C6.10 C-G 2 ACCEPTA	BLE
803600 RCIC-1A (1-4) MT C3.30 C-C 2 ACCEPTA	BLE, NOTE 1
940750 ISX01005X-WA VT-1 D1.20 D-A 3 ACCEPTA	BLE
941000 ISX01017R-WA VT-1 D1.20 D-A 3 ACCEPTA	BLE
943395 ISX24008A-WA VT-I D1.20 D-A 3 ACCEPTA	BLE
946670 ISX11022X-WA VT-I D1.20 D-A 3 ACCEPTA	BLE
950606 JP RI BR WELDED ATT (50%) EVT-1 B13.20 B-N-2 I ACCEPTA	BLE
950607 JP RISER WELDS (50%) EVT-1 NA NA 1 ACCEPTA	BLE
VARIOUS 950609	

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1 Notes

1.	Owner: Amergen Energy Co., LLC, 965 Che	sterbrook Blvd., Wayne, PA 19087
2.	Plant: Clinton Power Station, RR3 Box 228	R, Clinton, IL 61727
3.	Plant Unit: 1	4. Owner Certificate of Autherization: <u>N/A</u>
5.	Commercial Service Date: <u>4-24-87</u>	6. National Board Number for Unit: N/A

10. Abstract of Examinations: Listing of Scheduled Examinations

Note 1:

The examination coverage for these welds, N8, 1-MS-C-8PR-WA, 1-MS-D-7PR-WA, 1-RR-A-PR-1-WA, and RCIC-1A(1-4) was less than 90.0%. A relief request will be submitted.

Note 2:

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

See Attachment 2 for further discussion.

Note 3:

Surveillance Specimen Brackets -- Surveillance Specimen Brackets @ 003 and 177 degrees were examined during C1R09 and it was identified that both lower tack welds on the attachment bracket were observed to be cracked. This is located outside the Section XI examination boundary. During C1R10, this crack was monitored. During this outage, C1R11, this crack was re-examined. See attachment 2 for further details.

Note 4:

Steam Dryer Support Brackets – During C1R09 (2004) it was identified that several steam dryer support brackets appear to have contact marks and some do not have any contact marks with the steam dryer. This is not an ASME Section XI item. During C1R10 (2006), these brackets were examined and determined no changes. During this outage, C1R11, these brackets were re-examined and determined no changes.

Note 5:

Steam Dryer -

During this outage the Steam Dryer was re-examined to monitor the previously identified cracks in C1R10 (2006). In addition, several more cracks identified in the Steam Dryer. See attachment 2 for further details. The Steam Dryer is not an ASME Section XI item.

Note 6:

LPRM 30-07 -

During this outage a possible foreign material was observed in the lower group of holes in the LPRM 30-07 housing. This is not an ASME Section XI item. See attachment 2 for further details.

Note 7:

SRM 'A' -

During this outage cracking was noted on Dry Tube SRM 'A'. The cracking was noted in the NW, NE, and SW quadrants above the lower filet weld. This is not an ASME Section XI item. See attachment 2 for further details.

Note 8:

FW End Bracket Bolt Stop -

During this outage on the Feedwater Sparger End Bracket Bolt Stops, evidence of wear observed on FSB-1 at 005 deg, FSB-2 at 085 deg, FSB-3 at 095, and FSB-4 at 175 deg. This is not an ASME Section XI item. See attachment 2 for further details.

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

TABLE 2

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

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

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE		EXAM	CODE	CODE	CODE	RESULTS
NUMBER	IDENTIFICATION	TYPE	ITEM	CATEGORY	CLASS	
903755	1FW02008C	VT-3	F1.10	F-A	1	ACCEPTABLE
906010	1HP01007A	VT-3	F1.10	F-A	1	ACCEPTABLE
906145	1HP03003X	VT-3	F1.20	F-A	2	ACCEPTABLE
908040	1LP02002X	VT-3	F1.10	F-A	1	ACCEPTABLE
912000	1RH01001C	VT-3	F1.10	F-A	1	ACCEPTABLE
912185	1RH06004X	VT-3	F1.10	F-A	1	ACCEPTABLE
913110	IRH09023V	VT-3	F1.20	F-A	2	ACCEPTABLE
913495	IRH07079A	VT-3	F1.20	F-A	. 2	ACCEPTABLE
914010	1RH09064X	VT-3	F1.20	F-A	2	ACCEPTABLE
914180	IRH10003A	VT-3	F1.20	F-A	2	ACCEPTABLE
914789	1RH07019X	VT-3	F1.20	F-A	2	ACCEPTABLE
917015	1RH02004V	VT-3	F1.20	F-A	2	ACCEPTABLE
919045	1RI10009X	VT-3	F1.10	F-A	1	ACCEPTABLE
919050	IRI10010X	VT-3	F1.10	F-A	1	ACCEPTABLE
920420	1RI03001V	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
922780	1H354B	VT-3	F1.10	F-A	1	ACCEPTABLE
940745	1SX01005X	VT-3	F1.30	F-A	3	ACCEPTABLE
940995	1SX01017R	VT-3	F1.30	F-A	3	ACCEPTABLE
941810	1SX02008X	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
943390	1SX24008A	VT-3	F1.30	F-A	3	ACCEPTABLE
946665	1SX11022X	VT-3	F1.30	F-A	3	ACCEPTABLE

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

TABLE 3

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE	CODE CATEGORY	CODE CLASS	RESULTS
903715	1FW01001S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
903780	1FW01007S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
903740	1FW02005S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
909258	1MS05028S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
909283	1MS38002S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
909295	1RB31514S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
909289	1RB31516S	VT-3/FT	F1.10	F-A	1	DEGRADED
909297	1RB31529S	VT-3/FT	F1.10	F-A	1	FT UNACCEPTABLE
919130	1R101007S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
919160	1RI01013W	VT-3/FT	F1.10	F-A	1	FT UNACCEPTABLE
919170	1RI01015W	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
919266	1RI08017S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923010	1RT01003S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923090	1RT01035S	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
923200	1RT01084W	VT-3/FT	F1.10	F-A	1	DEGRADED
909165	1S101C	VT-3/FT	F1.10	F-A	ì	ACCEPTABLE
909170	1S102C	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
909075	1S103B	VT-3/FT	F1.10	F-A	1	ACCEPTABLE
922120	1S369A	VT-3/FT	F1.10	. F-A	1	ACCEPTABLE
903876	1HG15010S	VT-3/FT	NA	NA	2	ACCEPTABLE
906160	1HP03006S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906175	1HP03010S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906340	1HP03014S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906215	1HP03028S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906220	1HP03029S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906320	1HP03032S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
906200	1HP03038S	VT-3/FT	F1.20	F-A	2	DEGRADED
906680	1HP03049S	VT-3/FT	NA	NA	2	ACCEPTABLE
903888	1HP04003S	VT-3/FT	NA	NA	2	ACCEPTABLE
903890	1HP04016S-E	VT-3/FT	NA	NA	2	ACCEPTABLE
903892	1HP04016S-W	VT-3/FT	NA	NA	2	ACCEPTABLE
906280	1HP08006S	VT-3/FT	NA	NA	2	ACCEPTABLE
906300	1HP08025S	VT-3/FT	NA	NA	2	ACCEPTABLE
906724	1IS01042S	VT-3/FT	NA	NA	2	ACCEPTABLE
906752	1LP03006S	VT-3/FT	NA	NA	2	ACCEPTABLE
906754	1LP03015S	VT-3/FT	NA	NA	2	ACCEPTABLE
906756	1LP03016S	VT-3/FT	NA	NA	2	ACCEPTABLE

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

TABLE 3

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE	CODE CATEGORY	CODE	RESULTS
908450	1LP04021S	VT-3/FT	NA	NA NA	2	FT UNACCEPTABLE
909338	1RB21596S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
909332	IRB21598S	VT-3/FT	NA	NA	2	ACCEPTABLE
913270	IRH07003S	VT-3/FT	F1.20	F-A	2	DEGRADED
913280	IRH07005S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913297	1RH07009S-DN	VT-3/FT	F1.20	F-A	2	FT UNACCEPTABLE
913300	1RH07009S-UP	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913305	1RH07010S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914790	1RH07020S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914820	1RH07026S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914830	1RH07028S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914850	1RH07032S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
915570	1RH07048S	VT-3/FT	NA	NA	2	ACCEPTABLE
915610	1RH07110S	VT-3/FT	NA	NA	2	ACCEPTABLE
916391	1RH07114S-W	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
916420	1RH07119S-E	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
916430	IRH07119S-W	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913425	1RH08073S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
913185	1RH09029S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914170	1RH09038S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914025	1RH09067S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
914165	1RH09091S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
916180	1RH13015S	VT-3/FT	NA	NA	2	ACCEPTABLE
915100	1RH16011S	VT-3/FT	NA	NA	2	ACCEPTABLE
914260	1RH16034S	VT-3/FT	NA	NA	2	ACCEPTABLE
914270	1RH16035S	VT-3/FT	NA	NA	2	ACCEPTABLE
916040	1RH72015S	VT-3/FT	NA	NA	2	ACCEPTABLE
916060	1RH72040S	VT-3/FT	NA	NA	2	ACCEPTABLE
914240	1RH80006S	VT-3/FT	NA	NA	2	ACCEPTABLE
920400	1RI02016S	VT-3/FT	NA	NA	2	ACCEPTABLE
920305	1RI08010S	VT-3/FT	F1.20	F-A	2	ACCEPTABLE
920975	1RI13004S	VT-3/FT	NA	NA	2	ACCEPTABLE
916140	1SX30006S	VT-3/FT	NA	NA	2	ACCEPTABLE
909620	1FC01016S	VT-3/FT	NA	NA .	3	ACCEPTABLE
909630	1FC01022S	VT-3/FT	NA	NA	3	ACCEPTABLE
911260	1MS10806S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
910525	1MS24006S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE

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

TABLE 3

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE	CODE CATEGORY	CODE CLASS	RESULTS
910420	1MS27001S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
910715	1MS28007S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
911055	1MS30002S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
911095	1MS30010S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
910095	1MS32005S	VT-3/FT	F1.30	F-A	3	FT UNACCEPTABLE
910115	1MS32009S	VT-3/FT	F1.30	F-A	3	DEGRADED
910395	1MS33008S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
910860	1MS35005S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
911037	1MS36012S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
909640	1RH07094S	VT-3/FT	NA	NA	3	\ ACCEPTABLE
924025	1RT06006S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924045	1RT06009S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924050	1RT06014S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
924055	1RT06015S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924060	1RT06018S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924065	1RT06022S	VT-3/FT	NA	NA	3	DEGRADED
924070	1RT06026S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
924075	1RT06029S	VT-3/FT	NA	NA	3	ACCEPTABLE
924080	1RT06033S	VT-3/FT	NA	. NA	3	ACCEPTABLE
924085	1RT06037S	VT-3/FT	NA	NA	3	ACCEPTABLE
924090	1RT06040S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924037	1RT06044S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924040	1RT06046S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924095	IRT07006S-N	VT-3/FT	NA	NA NA	3	DEGRADED
924100	1RT07006S-S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
924105	1RT07009S	VT-3/FT	NA	NA ·	3	ACCEPTABLE
924110	1RT07014S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924115	1RT07028S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
924120	1RT07032S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
924125	1RT07036S	VT-3/FT	NA	NA	3	ACCEPTABLE
924130	1RT07037S	VT-3/FT	NA	NA	3	ACCEPTABLE
924135	1RT07040S	VT-3/FT	NA	NA	3	ACCEPTABLE
924140	1RT07042S	VT-3/FT	NA	NA	3	ACCEPTABLE
924145	1RT07044S	VT-3/FT	NA	NA	3	ACCEPTABLE
924150	1RT07048S	VT-3/FT	NA	NA	3	ACCEPTABLE
924155	1RT07049S	VT-3/FT	NA	NA	3	ACCEPTABLE
924310	1RT07052S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE



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

TABLE 3

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

REFERENCE	ITEM	EXAM	CODE	CODE	CODE	RESULTS
NUMBER	IDENTIFICATION	TYPE	ITEM	CATEGORY	CLASS	
944235	1SX09016S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
945425	1SX12010S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
946280	1SX15019S	VT-3/FT	F1.30	F-A	3	ACCEPTABLE
947220	1SX17027S	VT-3/FT	NA	NA	3	ACCEPTABLE
947260	1SX19001S	VT-3/FT	NA	NA	3	ACCEPTABLE
947280	1SX19014S	VT-3/FT	NA	NA	3	ACCEPTABLE
909660	1TX16049S	VT-3/FT	NA	NA	3	FT UNACCEPTABLE
948920	IRH18006S	VT-3/FT	NA	NA	D	ACCEPTABLE
947560	1RH23020S	VT-3/FT	NA	NA	D	ACCEPTABLE
903858	1DG02001S	VT-3/FT	NA	NA	0	ACCEPTABLE
903868	1DG02012S	VT-3/FT	NA	NA	0	ACCEPTABLE
903852	1DG06010S	VT-3/FT	NA	NA	0	ACCEPTABLE
949280	1VG01005S	VT-3/FT	NA	NA	0	ACCEPTABLE
949300	1VG01021S	VT-3/FT	NA	NA	0	ACCEPTABLE
949200	1VG01023S	VT-3/FT	NA	NA	0	ACCEPTABLE
949320	1VG01036S	VT-3/FT	NA	NA	0	ACCEPTABLE
949360	1VG02024S	VT-3/FT	NA	NA	0	ACCEPTABLE
949040	1VG03016S	VT-3/FT	NA	NA	0	ACCEPTABLE
949060	1VG03025S	VT-3/FT	NA	NA	0	ACCEPTABLE
949000	1VG09001S	VT-3/FT	NA	NA	0	ACCEPTABLE
949020	1VG10012S	VT-3/FT	NA	NA	0	ACCEPTABLE
949180	1VG11029S	VT-3/FT	NA	NA	0	ACCEPTABLE
949380	1VG12002S	VT-3/FT	NA .	NA	0	ACCEPTABLE
949400	1VG12005S	VT-3/FT	NA .	NA	0	ACCEPTABLE
949100	1VG13055S	VT-3/FT	NA	NA	0	ACCEPTABLE
949160	1VG16026S	VT-3/FT	NA	NA	0	ACCEPTABLE



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

TABLE 4

1. Owner: Amergen Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727

3. Plant Uni: 1

4. Owner Certificate of Autherization: N/A

5. Commercial Service Date: 4-24-87

6. National Board Number for Unit: N/A

ITEM	EXAM	CODE	CODE	CODE	RESULTS
IDENTIFICATION	TYPE	ITEM	CATEGORY	CLASS	
ALL CLASS I COMPONENTS	VT-2	B15.10.50.60.70	BP-2	1	ACCEPTABLE, SEE NOTE 1



FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 4 Notes

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087
2. Plant: Clinton Power Station, RR3 Box 228, Clinton, IL 61727
3. Plant Unit: 1 4. Owner Certificate of Autherization: N/A
5. Commercial Service Date: <u>4-24-87</u> 6. National Board Number for Unit: <u>N/A</u>
10. Abstract of Examinations: Listing of Scheduled Examinations
Note 1: Pressure Tests
Class 1 Components
A system leakage test and VT-2 inspection of ASME Class 1 components was performed prior to plant startup.
Condition noted: Only minor leakage from valve packing and bolted flanged connections was noted.
Corrective measures: Leakage was corrected to acceptable levels.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 2

1. Owner: AmerGen Energy Co., LLC, 965 C	Chesterbrook Blvd Wayne, PA 19087
2. Plant: Clinton Power Station, RR3 Box 2	228, Clinton, IL 61727
3. Plant Unit: 1	4. Owner Certificate of Authorization: <u>N/A</u>
5. Commercial Service Date: 4-24-87	6. National Board Number for Unit: <u>N/A</u>

10. Abstract of Examinations:

Examinations:

RPV Surveillance Specimen Brackets -

Condition Noted – During the C1R09 (2004) outage examination of the Surveillance Specimen Brackets located at 003 deg. And 177 deg., both lower tack welds on the attachment brackets were observed cracked. This is located outside the Section XI examination boundary. During C1R10 (2006) outage these brackets were examined and no crack growth was identified. During this outage, C1R11, these brackets were examined and no crack growth was identified.

Corrective Measures – Clinton Power Station has evaluated this and justified continued operation. These tack welds are outside the examination boundary.

Core Spray Internal Piping –

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

Condition Noted – During this outage, C1R11 (2008), three indications were monitored which wee identified on these welds, BP2, CP2, and DP2 in C1R09 (2004) and C1R07 (2000). These indications were also recorded in C1R09 outage (2004). Two (2) of these welds, BP2 and CP2, have indications previously identified in C1R07 (2000) and continued operation was justified. During this, C1R11 (2008), outage no crack growth was identified.

Corrective Measures – The VIP-18 document requires Clinton to take the following steps:

Expansion of sample – CPS has scheduled inspection of all accessible welds on the Core Spray Internal Piping. Therefore, no sample expansion is required.

Crack Growth Analysis – Crack Growth analysis was performed in C1R09 (2004) to demonstrate the structural integrity of the internal piping for continued operation for two (2) cycles. During this outage, C1R11, new analysis was not performed since there was no crack growth identified. Crack Growth Analysis performed in 2004 is still a valid analysis.

Leakage Rate Calculation – Separate leakage rate calculations were performed in C1R09 (2004) to demonstrate that the required amount of water can be transported to the core with the existing condition including crack growth.

Steam Dryer -

Clinton Power station has examined the steam dryer in accordance with the requirements of the BWR Owner's Group Vessel Internals Project (BWRVIP) document 139. The steam dryer is not addressed in ASME Section XI. The indications from the previous outage, C1R10 (2006) were reexamined and determined no change. In addition, the following several more cracks identified in C1R11 (2008):

1 – Conditions Noted – During the IVVI examination of Steam Dryer Drain Channel 7, V-14 weld, a base metal crack was observed adjacent to the weld. This crack is in the area of the access hole cover. The examination of the Drain Channel 3, V-06, similar crack like indications were observed in the skirt adjacent to the V-06 weld in the area of an access hole cover. In addition, indications were observed at 90 degrees access hole patch.

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

2 – Conditions Noted – As a result of identifying the above cracking in the base material close to the access hole patches, it was decided to inspect the dryer from inside. The inspection of the 2 Access Hole Patches from ID revealed several linear indications in the base material at both locations. The inspection was expanded to the remaining 4 other patches from ID. The same type linear indications were observed at these 4 locations. In addition, during this expanded scope from ID, cracking was observed in the Upper Support Ring at the location of 210 degrees ID Patch.

Corrective Measures – Clinton Power Station has evaluated these linear indications and cracking observed and justified continued operation.

3 – Condition Noted – During the removal of the steam dryer during the C1R11 outage (2008), the dryer hit one of the Tri-Nuke devices causing some mechanical damage on the bottom side of the skirt lower support ring at 135 degrees.

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

LPRM 30-07 -

Condition Noted – During this outage, C1R11 (2008), a possible foreign material was observed in the lower group of holes in the LPRM 30-07 housing.

Corrective Measures – Clinton Power Station has evaluated this as a loose part and justified continued operation.

SRM 'A' -

During this outage, C1R11 (2008), cracking was observed on Dry Tube SRM 'A'. The cracking was noted in the NW, NE, and SW quadrants above the lower filet weld.

Corrective Measures – Clinton Power Station has evaluated these cracking and justified continued operation.

FW End Bracket Bolt Stop -

During this outage, C1R11 (2008), on the Feedwater Sparger End Bracket Bolt Stops, evidence of wear observed on FSB-1 at 005 deg, FSB-2 at 085 deg, FSB-3 at 095, and FSB-4 at 175 deg.

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

Snubber Functional Testing:

There are five hundred seventy-one (571) snubbers in the ISI Program required by the CPS Operational Requirements Manual (ORM). Per the initial outage scope, 79 snubbers were functionally tested as follows:

- -- Fifty-nine (59) snubbers to meet the 10% ORM representative sample requirement,
- -- Four (4) snubbers that failed functional testing in C1R10,
- -- Six (6) snubbers that were degraded in C1R10 (tested as part of the Service Life Monitoring Program).
- -- Ten (10) snubbers that were selected for preventive maintenance per corrective action 205123-07.

It should be noted that twenty (20) type-1 snubbers had preventive maintenance (PM) performed on them to address corrective action 205123-07. Ten (10) of these snubbers were part of the original 10% sample plan. The other ten (10) snubbers were selected solely to perform the PM activity. All were functionally tested before their PM.

During the performance of initial sample testing, five (5) snubbers (two (2) type-1, two (2) type-2 and one (1) type-4) failed to meet functional testing acceptance criteria. Type-1 snubbers consist of PSA-1/4 and 1/2 sizes, type-2 snubbers consist of PSA-1, 3 and 10 sizes and type-4 snubbers consist of PSB-.05 mechanical struts.

- -- For the two (2) type-1 snubber failures, an additional ten (10) type-1 snubbers (5 for each failure) were selected for functional testing. No failures occurred in these sample expansions.
- -- For the two (2) type-2 snubber failures, an additional thirty-two (32) type-2 snubbers (16 for each failure) were selected for functional testing. One (1) additional failure occurred and sixteen (16) additional type-2 snubbers were selected for functional testing. No failures occurred in this additional sample expansion.
- -- For the one (1) type-4 snubber failure, one (1) additional type-4 snubber was selected for functional testing. No failures occurred in this sample expansion.

Two of the type-1 failures identified above resulted in a Failure Mode Group (FMG) being identified. When it was noted that two (2) type-1 snubbers exposed to similar environmental conditions had failed, a decision was made to test the remaining nine (9) snubbers in these locations. Some were type-1 and some were type-2. Two (2) of the type-2 snubbers selected in the FMG also failed functional testing.

One (1) type-1 snubber failed its PM inspection and one (1) type-1 snubber that failed in C1R10 also failed in C1R11.

Overall, one hundred and thirty-seven (137) snubbers were functionally tested in C1R11.

Type-1 Snubbers:

There are ninety-five (95) type-1 snubbers in the CPS ISI Program. Ten (10) of these were selected for testing under the initial 10% sample plan. These ten (10) snubbers also had PM activities performed on them. Two (2) snubbers. 1RT07006S-S and 1RT06014S, failed to meet the functional testing acceptance criteria. Issue Reports 719314 and 719630 were generated. These two snubbers were disassembled for failure analysis. The results of these evaluations were:

- -- 1RT07006S-S The failure analysis found dry grease with the inertia mass and torque drum frozen together. When these components were freed, it was noted the screw shaft was bent. The capstan spring had very deep grooves on the tangs from excessive vibration. The snubber had failed due to lack of lubrication and vibration. This snubber was last tested in RF5.
- -- 1RT06014S The failure analysis found very dry grease (powder) with the inertia mass and torque drum frozen together. When these components were freed, it was noted the screw shaft was bent. The capstan spring had vibration marks on the tangs. The snubber had failed due to lack of lubrication and vibration. This snubber was last tested in RF2.

Due to these failures, ten (10) snubbers (5% for each failure or 5 for each failure) were selected for testing. All ten (10) snubbers passed the functional testing acceptance criteria. Also, due to these failures, a Failure Mode Group (FMG) was identified. Nine (9) other snubbers located in similar

environments were functionally tested. This included type-1 and type-2 snubbers. Two (2) of the type-2 snubbers from this FMG (1RT06026S and 1RT07032S) also failed. Their failures are discussed in the type-2 section of this report.

Four (4) snubbers, 1MS05028S, 1RB31514S, 1RT06009S and 1RT06040S, were identified in C1R10 as degraded and included in the C1R11 testing plan for trending purposes. All four (4) snubbers passed their functional testing acceptance criteria. Three (3) snubbers, 1RB31516S, 1RT06022S and 1RT07006S-N were classified as degraded in C1R11. They were replaced and will be tested again in C1R12.

Three (3) snubbers, 1RB21596S, 1RB31516S and 1RB31529S failed functional testing performed in C1R10 and were included in the testing plan as required. One (1) snubber, 1RB31529S, failed to meet the functional testing acceptance criteria. Issue Report 722836 was generated. 1RB31529S was disassembled for evaluation with the following results:

-- 1RB31529S – This snubber and the adjacent spring can support (1RB31528V) both showed evidence of misalignment during the pre-VT3 inspection. Issue Report 722252 was generated. The as-found cold set position was outside the limits for this location. An engineering walkdown determined that the spring can support rod was in contact with the spring can. The hanger was not performing its function and the snubber was bearing additional load. When the snubber was released from this misaligned position, the line relaxed to its expected, cold set position. The snubber failure analysis found the screw shaft bent, with the grease dark and sticky. The capstan spring tangs, inner tube, both guide rods and the guide plate had vibration marks evident. This snubber was last tested in C1R10.

As required by the ORM, piping components on which these snubbers are installed were analyzed to ensure the integrity of the piping component. The results were satisfactory and documented in Engineering Change (EC) documents 268932, 368932, 369210 and 369077.

Due to the large number of type-1 failures seen in C1R09 and in response to Issue Report 205123, CPS continued the PM program started on type-1 snubbers in C1R10. 20% of all type-1 snubbers had an external visual inspection, disassembly, internal inspection, cleaning, regreasing and reassembly performed. The NRRG-159 grease originally used was replaced by NRRG-2 grease, which is less susceptible to drying out from high irradiation. Twenty (20) snubbers were selected. Ten (10) were from the initial 10% sample plan population and the other ten (10) were randomly selected. One (1) snubber, 1TX16049S, was replaced due to PM inspection indications. Issue Report 723273 was generated to document the inspection results. Indications noted during the failure analysis performed on this snubber included:

-- 1TX16049S – The failure analysis noted dry grease throughout, vibration marks and wear in many locations and a bent shaft. This snubber was last tested in RF7.

This PM will continue until all 95 type-1 snubbers have been inspected and regreased. This PM will most likely continue throughout the life of the plant on those snubbers in harsh environments.



There are three hundred and seventeen (317) type-2 snubbers in the CPS ISI Program. Thirty-two (32) were selected for testing under the initial 10% sample plan. Two (2) snubbers, 1RH07009S-DN and 1MS32005S failed functional testing. Issue Reports 7171465 and 725997 were generated. These snubbers were disassembled for failure analysis. The results of these inspections were:

- -- 1RH07009S-DN The failure analysis found no evidence of degradation or any damaged parts. This was the first snubber to be tested during the pre-outage period, and it was thought that an anomaly in the test stand might have occurred to cause the test results noted. Basic-PSA was contacted, and they provided an evaluation of the test results. All future attempts to test this snubber resulted in acceptable performance. This snubber was last tested in RF4.
- -- 1MS32005S The failure analysis found rust and corrosion inside the housing assembly. There was some grease on the capstan spring and vibration marks on the capstan spring keeper and rings. Excessive grease was noted. This snubber was last tested in RF3.

Due to these failures, thirty-two (32) snubbers (5% of total population for each failure) were selected for testing. One (1) snubber, 1LP04021S, failed functional testing. Sixteen (16) additional snubbers were selected and all passed the functional testing acceptance criteria. The failure analysis performed on 1LP04021S revealed:

-- 1LP04021S – Dry grease noted throughout snubber internal parts. Vibration induced wear was noted on the support and telescoping cylinders. This snubber was last tested in RF5.

As stated in the type-1 snubber section, due to two (2) type-1 snubber failures, a Failure Mode Group (FMG) was identified. Nine (9) other snubbers located in similar locations were functionally tested. This included type-1 and type-2 snubbers. Two (2) of the type-2 snubbers (1RT06026S and 1RT07032S) failed functional testing. Their failure analysis inspections determined:

- -- 1RT06026S Found dry grease in all areas but the thrust bearing assembly and vibration marks on the capstan spring tangs. This snubber was last tested in RF4.
- -- 1RT07032S Noted the capstan spring was not properly engaged. Dark, sticky grease was found on top of the ball bearing screw assembly. This snubber was last tested in RF5.

As required by the ORM, piping components on which this snubber is installed were analyzed to ensure the integrity of the piping component. The results were satisfactory and documented in Engineering Change (EC) documents 368873, 369185, 369172 and 369197.

One (1) snubber, 1RT01003S, was tested as required due to failing in C1R10. This snubber passed the functional testing acceptance criteria.



One (1) snubber, 1RT01035S, was tested due to be classified as degraded in C1R10. This snubber passed the functional testing acceptance criteria. Four (4) snubbers were identified as degraded during C1R11 (1HP03038S, 1MS32009S, 1RH07003S and 1VG16026S). These four (4) snubbers will be tested in C1R12.

Type-3 Snubbers:

There are one hundred and seventeen (117) type-3 snubbers in the CPS ISI Program. Twelve (12) were selected for testing under the initial 10% sample plan. All twelve (12) snubbers passed the functional testing acceptance criteria. One (1) snubber, 1RT01084W, was replaced due to degraded functional testing results. This snubber will be tested in C1R12.

One (1) snubber, 1MS30002S, was identified as degraded in C1R10. This snubber passed the functional testing acceptance criteria.

Type-4 Snubbers:

There are four (4) type-4 snubbers in the CPS ISI Program. One (1) snubber was selected for testing under the initial 10% sample plan. This snubber (1RI01013W) failed the functional testing acceptance criteria. An additional type-4 snubber (1RI01015W) was selected and passed functional testing. The failure analysis for 1RI01013W has not been completed yet, as it needs to be sent to an off-site facility for the failure analysis. This was the first time a type-4 snubber has failed at CPS.

As required by the ORM, piping components on which this snubber is installed were analyzed to ensure the integrity of the piping component. The results were satisfactory and documented in Engineering Change (EC) document 369197.

Type-6 Snubbers:

There are thirty-eight (38) type-6 snubbers in the CPS ISI Program. Four (4) were selected for testing under the initial 10% sample plan. All four (4) snubbers passed the functional testing acceptance criteria. All four (4) type-6 snubbers tested and a spare removed in C1R10 were rebuilt in C1R11. Each snubber was disassembled and inspected and the seals and fluid were replaced and analyzed. During inspection of one snubber (1S369A), wear was noted on the bushings and piston rod. This snubber was replaced with a spare. Test results will be used to validate the current fluid and seal replacement frequencies and possibly adjust them.

SECTION 3

LISTING OF EXAMINATION AND TESTING PROCEDURES

Procedure	Procedure Name	Revision Number	DRR Number	
386HA480	Certificate of Nondestructive	19	N/A	
	Examination Personnel		1 1/12	
386HA480	Certificate of Nondestructive	Rev. 1	N/A	
Rev.19 Add. 1	Examination Personnel	100.1	1 1/21	
	Procedure for Performing			
GE-ADM-1001	Linearity Checks On	4	N/A	
	Ultrasonic Instruments			
:	Procedure for Nondestructive		•	
GE-ADM-1002	Examination Data Review	4	N/A	
GL-ADW-1002	and Analysis of Recorded	· •	11/1/1	
	Indications			
	Procedure for Zero Reference			
GE-ADM-1005	and Data Recording for	0	N/A	
	Nondestructive Examinations			
	Procedure for Training and	·		
GE-ADM-1025	Qualification of Personnel for	9	N/A	
GE-ADM-1025	GE-NE Specialized NDE)	IN/A	
	Applications			
	Administrative Instruction for			
GE-ADM-1029	Establishing and Maintaining	2	N/A	
OL-ADM-1029	a Foreign Material Exclusion	2	IN/A	
	Area		,	
	Operational Guidelines for the			
GE-ADM-1052	Micro-Tomo Ultrasonic Data	0	N/A	
	Acquisition System			
GE-ADM-1057	Operational Guidelines for the	2	N/A	
GE-ADM-1037	CSI Delivery System	2	IN/A	
	Procedure for Installation and			
GE-ADM-1058	Removal of the CSI (RPV	2	N/A	
OLL-MDMI-1030	Internal) Core Spray	<u> </u>	IN/A	
	Inspection Tool	•		
GE-ADM-1059	Computer Measurements of	2	NI/A	
GE-ADM-1039	Digitized Images.	2	N/A	
	Administrative Procedure for			
GE-ADM-1061	Invessel Inspection (IVVI)	0	N/A	
	GE Proprietary			

Procedure	Procedure Name	Revision Number	DRR Number
GE-ADM-1062	Procedure for Determining and Documenting Examination Requirements for Risk-Informed Inspections	0	07-18
 GE-MT-100	Procedure for Magnetic Particle Examination (Dry Particle, Color Contrast or Wet Particle, Flourescent)	6	06-02 / 06-04
GE-PDI-UT-1	PDI Generic Procedure for the Ultrasonic Examination of Ferritic Piping Welds	5	07-28
GE-PDI-UT-10	PDI Generic Procedure for the Ultrasonic Examination of Dissimilar Metal Piping Welds	2	06-40
GE-PDI-UT-2	PDI Generic Procedure for the Ultrasonic Examination of Austenitic Pipe Welds	4	07-29
GE-PDI-UT-3	PDI Generic Procedure for the Ultrasonic Through Wall Sizing in Pipe Welds	2	N/A
GE-PT-100	Procedure for Liquid Penetrant Examination using Flourescent and Visible Dye Liquid Penetrant Inspection Methods	5 .	N/A
GE-UT-113	Procedure for Ultrasonic Examination of Babbitted Bearings	0	N/A
 GE-UT-209	Procedure for Automated Ultrasonic Examination of Dissimilar Metal Welds, and Nozzle to Safe End Welds	18	07-32
GE-UT-246	Procedure for Automated Flaw Depth Sizing in Austenitic and Ferritic Piping Welds	3	06-03
GE-UT-300	Procedure for Manual Examination of Reactor Pressure Vessel Assembly Welds in Accordance with PDI	10	N/A
GE-UT-304	Procedure for Manual Ultrasonic Planar Flaw Sizing in Vessel Materials	8	N/A

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Procedure	Procedure Name	Revision Number	DRR Number
GE-UT-309	Procedure for Manual Ultrasonic Planar Flaw Sizing of Nozzle Inner Radius and Bore Regions	10	N/A
GE-UT-311	Procedure for Manual Ultrasonic Examination of Nozzle Inner Radius, Bore and Selected Nozzle to Vessel Regions	15	N/A
GE-UT-321	Procedure for Manual Ultrasonic Examination of Nozzle Inner Radii and Bore (Non Appendix VIII)	0	N/A
GEH-UT-511	Procedure for the Automated Ultrasonic Examination of Core Spray Piping Welds Contained within the Reactor Pressure Vessel	16	N/A
GE-UT-601	Procedure for Ultrasonic Thickness Measurements for Erosion/Corrosion	1 .	N/A
GE-UT-605	Procedure for the Performance of Thickness and Contour Measurements	3	N/A
GE-VT-101	Procedure for VT-1 Examination	2	N/A
GE-VT-103	Procedure for VT-3 Examination	5	06-25
VT-CLN-206V7	Procedure for Invessel Visual Inspection (IVVI) of BWR 6 RPV Internals	0	N/A
BP1-9-X1	Basic-PSA Inc. Nondestructive Examination VT-Personnel	2 .	N/A
TR-954	Basic-PSA Inc. Operation Procedure for the Barker/Diacon S400NM Snubber Test Machine	2	N/A
ER-AA-335-002	Liquid Penetrant Examination	4	N/A
ER-AA-335-003	Magnetic Particle Examination	3	N/A
ER-AA-335-005	Radiographic Examination	. 3	N/A
ER-AA-335-014	VT-1 Visual Examination	4	N/A
ER-AA-335-015	VT-2 Visual Examination	9	N/A

Procedure	Procedure Name		DRR Number
ER-AA-335-016	VT-3 Visual Examination of Component Supports, Attachments and Interiors of Reactor Vessel	5	N/A
ER-AA-335-017	VT-3 Visual Examination of Pump and Valve Internals	5	N/A

SECTION 4

LISTING OF EXAMINATION AND TESTING PERSONNEL

Name	Job	MT/	PT/	UT / Lvl	VT-1 /	VT-2 /	VT-3 /
		Lvl	Lvl		Lvl	Lvl	Lvl
Rick Alger	FAC Level II	II-L	Il	II-L	II	II	II
Thomas Allen	RST Level II				II-L		II-L
Edward Anderson	RST Level II			_	II-L		II-L
Michael Anderson	RST Level II				II-L		II-L
Thomas Anderson	COE Level III				III		III
Michael Armstrong	RF Engineer			·	II-L		II-L
Davi Arnaud	Manual Level I	II-L	11	11	II	II	II
Ellis P. Bailey	COE Level III				III		III
Allen Balcom	RST Level II				II-L		II-L
Charles Barrett	CSI Data Analyst			III - PDI			
Jason Bates	CSI Operator			II			
Nathan Boyett	RST Level II – Fuel				. II-L		II-L
Timothy Bryan	SMART Level I			I-T			
Mike Bullen	BOP Level II	II	II	II – PDI	II	Il	II
Billy Burns	Containment Lvl. II	II-L	II	II-L	II	II	II
Doug Clayton	RST Level II	-			II-L		II-L
Chad Collins	Manual Level I			I-T			
Chad Congdon	Manual Level I	II-L	II	II-L	II	II .	II
Steve Cox	Manual Level II	II-L	II	ll – PDI	II	· II	II
Chris Danson	BOP Level II	II-L	ll	II-L	II	11	II ·
Joel Davis	RST Level II				II-L		II-L
Ed Doucette	FAC Level II			II-L			
Ron Downer	FAC Lead	I-L	II	II-L			
George DuBose	Project Level III	III	111	III – PDI			
Billy Jac DuLong	RST Level II				II-L		II-L
Mike Duncan	RST Level II				II-L		II-L
Lance Eiler	Turbine Level II	II	II	II-L	II	II	II
Scott Erickson	Project Level III	III	III	111	111	III	III
Allan Erwin	RST Level II - Fuel				II-L		II-L
Cody Fish	SMART Operator			II-L			
Kevin Fish	SMART Lead		I-T	II – PDI			
Melissa Fish	SMART Level I			I-T			
Jeremy Frana	SMART Eqp. Tech.			I			

Name	Job	MT/	PT/	UT / Lv	VT-1 /	VT-2 /	VT-3 /
		Lv	Lv		Lv	<u>Lv</u>	Lv
Mike Ganzen	FAC Level II			II			
Todd Ginder	Manual Level II	· II-L	II	II – PDI	II	II	II
Jerry Green	IVVI Level III				III-L		III-L
Doug Gronewold	Turbine Level II	II-L	II	II - PDI]]	II	II
Ed Hampton	Snubber Level II	II-L	II	II	II	II	II
Dustin Herman	RST Level II				II-L		II-L
Tom Higgins	RST Level II				II-L		II-L
DeWane Hill	RST Level II – Fuel				II-L		II-L
Mark Holloway	RST Level II				II-L		II-L
George C. Holmes	RST Level II			·	II-L		II-L
Phil Hopkins	FAC Level II	I-L	1	II	l	I	I
Matt Hoyer	CSI Operator	I-T	I-T	II-L			
Troy Huhe	Manual Level II	II	II	II – PDI	I	1	J
Mike Jenniges	SMART Operator	II-L	II	ll – PDI			
Chris Joffe	RST Level II - Fuel				II-L		II-L
Paul Johnson	SMART Data Anal.			III - PDI			
Nabil Kazem	RST Level II - Fuel				II-L		II-L
John Kee	RST Level II - Fuel				II-L		II-L
Alan Kelly	Manual Level II	II]]	Il	II	II	Il
Mike Kemp	IVVI Level III				III-L		III-L
Dan Kulkoski	RST Level II				II-L		II-L
Bryan Ledbetter	RST Level II				II-L		II-L
Eric Lemmons	RST Level II - Fuel				II-L	· · · · · · · · · · · · · · · · · · ·	II-L
Mike Magyar	CSI Equip. Tech.			I-T			
James Martin	CSI Equip. Tech.			II-L			
Shannon McAbee	RST Level II – Fuel				II-L		II-L
Samuel. McCain	RST Level II - Fuel				II-L		II-L
Kent Montgomery	Manual Level II]]	II - PDI			
Quinton B. Munn	RST Level II – Fuel				II-L		II-L
Kirkland Nelson	SMART Level I			I-T			
Chad Olson	CSI Operator	II-L	II	11	II	II	11
Rudy Paillaman	COE Level III				III		III
lan Pedersen	FAC Lead			II-L			
Tammy Peters	FAC Level II	. 1-T	I-T	II-L			
Alan Phillips	RST Level II				III-L		III-L
Mike Pride	FAC Level II	II	П	II-L			
Tyler Raymond	SMART Operator			I			
Wally Reid	Turbine Level II	II-L	II	II	II	II	II
		II	II		II	II	II
Kim Robideau	BOP Lead						
Matt Schmaltz	Turbine Level II	Il	l]	II – PDI	II	II	II
	· · · · · · · · · · · · · · · · · · ·			II – PDI	II-L	II	II II-L
Matt Schmaltz	Turbine Level II			II – PDI II-L		II	

N	T-L	MT /	PT /	11T / 3	VT-1 /	VT-2 /	VT-3 /
Name	Job	Lv	Lv	UT / Lv	Lv	Lv	Lv
Alan Seymore	FAC Level II			II-L			
John Shea	BOP Lead	IJ	II	II	II	<u>II</u>	II
Mike Siever	RST Level II – Fuel				II-L	***************************************	II-L
Steve Snyder	ISI Coordinator	II	II	II – PDI	II	<u>II</u>	II
Josh Stellakis	CSI Operator	I-T	I-T	II-L		·····	
Robert M. Strong	RST Level II - Fuel				II-L		II-L
Mikado Teodoro	RST Level II				II-L		II-L
Keith Trout	RST Level II	7	7	77	II-L		II-L
Jeremy Tuttle	FAC Level II]	I		77	77	
Paul Valden	Snubber Level II	II-L	II	II – PDI	II	11	II
Eddie Wall Alvah J. Williams	COE Level III RST Level II – Fuel				III-L II-L		III-L II-L
Ryan Winney	RST Level II – Fuel				II-L		II-L
Steve Woodyard	Snubber Level II	II	11	II-L	II-L	11	ll ll
Dave Anthony	Bildoor Ecverii	III	111	III	III	III	111
Bill Burke						II	
Pat Coyle						11	
Joe Cummings						11	
Culp Craig						II	
Dave Glenn						II	
Arlton Johnson						11	
Dan Mahrt						11	
Craig Procarione						II	
Primeaux Joe						II	
Danny Vanfleet	·					II	
Charles Clark	·	TII	II		III	III	III
Dave Szymkiewicz						11	
Tom Parrent						Il	
Barreras, Manuel							II
Hambor, Robert							II
Thomas, Norm							II
Kilpatrick, Thomas							II

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SECTION 5

LISTING OF EXAMINATION AND TESTING EQUIPMENT

 Automated UT Systems 	Thermometer	Transducer
181863-03	257502	0106T8
	257812	01CWX3
Couplant Couplant	257804	00BXWW
05325	257412	00X8B0
07225	257947	0148D5
	257560	00HR09
Mag Particle	255233	010HD7
04K076	255280	014JWL
92F040	255364	014JWD
		05-1351
Mag Yoke		06-627
2092	Reference Blocks at the	04-365
8646	PDI ALT 8723	010CJP
9876	J-2318	01FRPD
	STD 40-0	01FRP7
PT Cleaner	UT-6-0	01FRPM
00C05K	UT-5-0	01FRRH
05117K	CAL-WLLY-036	22BC-03009
	CAL-IIW2-011	5746215656
PT Developer	CAL-STEP-149	010KYV
01M02K	CAL-STEP-102	04-303
05L14K	CAL-DEPTH-071	98-158
	CAL-RHOM-099	05-146
PT Penetrant	37-1	03-337
01M07K		04-298
		04-315
Light Meters	Scoperation	
207001	061487310	
207004	061484509	
0001357872	031536006	
	031572811	
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Section 6

REPAIR AND REPLACEMENT DATA REPORTS NIS-2 OWNER'S DATA REPORT

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

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

CPS utilized Code Case N-416-2 during this reporting period. This Code Case allows the elimination of the hydrostatic testing requirement following welded repair or replacement. Provided some additional NDE is performed and the 1992 Edition of Section III used for examination.

CPS installed a number of modifications including the replacement of service water piping to install vacuum breakers and other manual valves.

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

The records for all Section XI repairs and replacements are available and located in the Clinton Records Vault filed in the respective N-5 system under record 3A.117 entitled ASME System Data Reports.

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

NIS-2	Class	Description
Number	Class	Description
RF-11-001	2	Replaced valve 1E51F064 disc.
RF-11-002	3	Weld Repair cooler 1VX13AB pipe flanges.
RF-11-003	3	Replaced valve 1FC004B disc.
RF-11-004	3	Weld Repair diesel heat exchanger 1DG13A divider plate and end bell.
RF-11-005	3	Weld Repair cooler 1VX06CA flanges.
RF-11-006	3	Replaced coil on cooler 1VX13AA
RF-11-007	2	Replaced blind flanges per EC 349394 in RD system.
RF-11-008	2,3	Replaced seal cooler on RH 'B' pump 1E12C002B and Class 3 piping on SX side
RF-11-009	3	Replaced both coolers on 1VX14AA and 1VX14AB and weld repair flanges
.RF-11-010	3	Weld repair flanges on spare cooler.
RF-11-011	3	Weld repair flanges on spare cooler.
RF-11-012	3	Replaced relief valve 11A128A.
RF-11-013	3	Refurbish spare cooler.
RF-11-014	3	Replaced valve 1SX004B.
RF-11-015	3	Replaced piping between orifices 1SX17MB, 18MB, 19MB, 20 MB and
L		replaced studs and nuts.
RF-11-016	3	Replaced load pin on snubber 1FC03081S
RF-11-017	3	Replaced snubbers 1MS05028S and 1MS10909S and load pin on 1MS05028S.
RF-11-018	3	Replaced snubber 1MS30002S and load pin on snubber 1MS26010S.
RF-11-019	1	Replaced snubbers 1RT01003S, 1RT01035S, & 1RT02084S and load pin on 1RT01003S.
RF-11-020	3	Replaced snubbers 1RT06009S and 1RT06040S.
RF-11-021	1	Replaced hydraulic snubber 1S101B and load pin on hydraulic snubber 1S101C
RF-11-022	1	Replaced valve 1B21F019 bonnet.
RF-11-023	1	Replaced check valve 1B21F032A cover studs and nuts.
RF-11-024	2	Replaced relief valve 1E12F036.
RF-11-025	1	Replaced safety relief valve 1B21F041A and outlet flange studs.
RF-11-026	1	Replaced safety relief valve 1B21F041B and outlet flange studs.
RF-11-027	1	Replaced safety relief valve 1B21F041C and inlet and outlet flange studs.
RF-11-028	1	Replaced safety relief valve 1B21F041L and inlet and outlet flange studs & nuts
RF-11-029	1	Replaced safety relief valve 1B21F047F and outlet flange studs.
RF-11-030	1	Replaced safety relief valve 1B21F051C and inlet and outlet flange studs & nut:
RF-11-031	1	Replaced safety relief valve 1B21F051G and inlet & outlet flange studs & nuts.
RF-11-032	1	Replaced safety relief valve 1B21F051B and inlet and outlet flange studs & nut:

REPAIR AND REPLACEMENT SUMMARY

NIS-2		
Number	Class	Description
RF-11-033	1	Replaced seventeen (17) Control Rod Mechanisms (CRDM's).
RF-11-034	MC	Replaced twenty (20) Drywell head eyebolts and fifty eight (58) Drywell head
		nuts.
RF-11-035	1 .	Repaired MSIV 1B21F028A Poppet
RF-11-036	2	Replaced trigger assembly of Standby Control Liquid (SLC) valve, 1C41F004B
RF-11-037	3	Replaced valve 1SX014B and studs.
RF-11-038	3	Replaced relief valve 1G33F609B.
RF-11-039	3	Modified piping and installed vacuum breakers and other manual valves per
		EC 35800.
RF-11-040	3	Modified piping and installed vacuum breakers and other manual valves per
		EC 349061.
RF-11-041	2	Replaced check valve 1C41F033B.
.RF-11-042	2	Modified valve 1E12F050B shaft assembly and hing pin cover assembly per
		EC 339008.
RF-11-043	1	Replaced Reactor Recirc Pump B33C001A Seal Assembly including Upper
		Gland and Seal Holder
RF-11-044	2 .	Replaced Relief Valve 1C41F029B and portions of Line 1SC11BB-2"

1. Owner: AmerGen Energy Co., LLC				Data Report No. RF-11-001					
	OCE Chartenburg	Name	NA 10007		Date	2:	9,	/25/200	16
	965 Chesterbrool	Address	<u>7A 19087</u>		Shee	et	1	of	1
2. Plant:	Clinton Power Sta	Name		**************************************	Unit	: 1			•
	RR3, Box 228, Clinton, IL 61727				676922-01				
		Address			Repai	r Organi	ization P.	O. No., J	ob No.
3. Work Performed by: Clinton Power Station					Type Co	de Syn	nbol Sta	amp: No	one
		Name			Authoriz	ation N	lo: Not	Applica	ıble
	RR3, Box 228, Cl		•		Expiration	n Date	: Not	Applica	ıble
٠.	·.	Address							
4. Identifica	ation of System: N	RI01 .					Code	Class	1
5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda Code Case				Code Case					
	3	Component:	1974 Ec	lition	S75 A	ddenda	567,	1622,	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair	s or Repl	acements	1989	Edition	, no Ad	denda
(c) Sectio	n XI code Cases us	sed None							
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Repla	cement C	ompor	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		her fication	Year Built		aired ced or cement	ASME Code Stamped
V	ANCHOR/DARLING	E-6214-143-1	NA	1E51	F064	1979	Replac	cement	Yes
	<u>.</u>								· ·
,									
					ř., , , , , , , , , , , , , , , , , , ,				
7. Descript	tion: Replaced dis	c ,							
8. Tests Co	nducted: Hydros	static D Pneur	matic 🗆	Nomina	al Operatir	na Pres	sure 🛚		
	Other		,	essure:	psi		est Ten		°F
	Other	= Exchipe =			Poi			٠٠٠٠	• .

Revision 1 Page 29 of 35

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Parts Received as follows:
 Disc - Cat ID 0001144914 / UTC 0002731471

CERTIFICATE OF COMPLIAN	CE
We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI. Type Code Symbol Stamp $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Replacement conform to the repair or replacement
Certificate of Authorization No. NIA	
Signed Mirza Bor Engineer Owner or Owner's Designee, Title	Date 9-25, 2006
CERTIFICATE OF INSERVICE INSE	PECTION
I, the undersigned, holding a valid commission issued by the National E Vessel Inspectors and the State of Province of Illinois and emporary and emporary in a common of CT have inspected the components described in this to 9/25/2006, and state that to the the Owner has performed examinations and taken corrective measures Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer makes implied, concerning the examinations and corrective measures described Furthermore, neither the Inspector nor his employer shall be liable in a injury or project damage or a loss of any kind arising from or connected with the Inspector's Signature of Commissions Inspector's Signature (Inspector's Signature)	Noved by Hartford Steam Boiler Owner's Report during the period best of my knowledge and belief, described in this Owner's XI. Is any warranty, expressed or ed in this Owner's Report. Iny manner for any personal In this inspection.
Inspector's Signature National Board	, State, Province, and Endorsements

1. Owner:	AmerGen Energy	CO., LLC		·	vata kept	ort No. KF-11-U	0/	
*		Name			Date:	4/16/200)7	
	965 Chesterbroo	k Blvd., Wayne, F	A 19087					
		Address			Sheet	1 of	1	
2. Plant:	Clinton Power St	ation			Unit: 1			
		Name						
	RR3, Box 228, CI	inton, IL 61727			793883			
		Address			Repair Orga	nization P.O. No., J	ob No.	
3. Work Pe	rformed by: Clin	ton Power Station	1	Тур	Type Code Symbol Stamp: None			
Name				Aut	norization	No: Not Applica	able	
	RR3, Box 228, C	Address		Exp	iration Dat	e: Not Applica	able	
		Aduress						
4. Identific	ation of System: N	IRD01			···	Code Class	2	
5(a) Applic	able Construction	Code Pipe:	1974 Ec	lition S	74 Addeno	la NONE	Code Case	
	•	Component:	1974 Ed	lition Si	74 Addenc	la NONE	Code Case	
(b) Applic	able Edition of Sec	tion XI Utilized for	or Repair	s or Replacem	ents ASM	F Section XI 19	89 Edition	
	n XI code Cases u			o oop,aco				
	ation of Componer	<u> </u>	·					
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped	
PP	ILLINOIS POWER	PIPING SYSTEM	NA	NRD01	1986	Replacement	Yes	
			<u> </u>					
								
7. Descrip	tion: Replaced 10	" Blind Flanges pe	er EC349	394.				
	•		•					
8. Tests Co	nducted: ⊔vdro	static 🗆 Pneur	natic 🗀	Nominal Ope	arating Dre	scure 🗸		
J. 16565 CC	,			•	_		°F	
	Other [Exempt	Pr	essure:	psi	Test Temp:	٦F	

ATTACHMENT 4 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): Cat ID Number 1405262 and UTC Number 2727829.

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 StampNIA
Certificate of Authorization No. NJA
Signed Mirza Baro Engineer Date 4-16, 2007 Owner or Owner Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period 12 2 5 to 4/17/2007, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
Inspector's Signature National Board, State, Province, and Endorsements Date

ATTACHMENT 3

1. Owner:				Data	_ Data Report No. RF-11-008			
		Name		Date	: :	4/18/200	7	
	965 Chesterbrook	Address	A 19087	She	et	1 of	1	
2. Plant:	Clinton Power Sta	nation Name		Unit	: 1			
	RR3, Box 228, Cli			794				
		Address		Repa	ir Organi	zation P.O. No., J	ob No.	
3. Work Performed by: Clinton Power Station				Туре Со	de Syn	nbol Stamp: No	one	
		Name		Authoriz	ation N	lo: Not Applica	ble	
	RR3, Box 228, Cl	_ <u>· · - · · · · · · · · · · · · · · · · </u>	· 	Expiration	n Date	: Not Applica	ıble	
		Address						
4. Identifica	4. Identification of System: NRH08, NSX04 Code Class 2,3					2,3		
5(a) Applicable Construction Code Pipe: 1974 Edition				lition S74 A	ddenda	a N/A	Code Case	
		Component:	1971 Ec	lition · S73 A	ddenda	1567	Code Case	
(b) Applica	able Edition of Sec	tion XI Utilized fo	or Repair	s or Replacements	ASME	Section XI 19	89 Edition	
(c) Section	n XI code Cases us	sed <u>N-416-2</u>		·				
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Replacement C	ompon	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped	
Seal Coole	Byron Jackson	214921	N/A	SI. Co.1E12-C002B	1978	Replacement	Yes	
PP	ILLINOIS POWER	PIPING SYSTEM	N/A	NSX04	1986	Replacement	Yes	
7. Description: Replaced Seal Cooler on RHR "B" pump 1E12-C002B and Class 3 piping on Service Water (SX) side.								
8. Tests Co	8. Tests Conducted: Hydrostatic \square Pneumatic \square Nominal Operating Pressure \square Other \square Exempt \square Pressure: psi Test Temp: ${}^{\circ}$ F							

ATTACHMENT 4 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): Seal Cooler: Cat ID Number 0001150931; UTC Number 0002104998

Pipe: Cat ID Number 1153243; UTC Number 2115725

CERTIFICATE OF COMPLIA	CERTIFICATE OF COMPLIANCE				
We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI.	Replacement conform to the repair or replacement				
Type Code Symbol Stamp NIA					
Certificate of Authorization No. NIA					
Signed Mirza Ban Engineer Owner of Owner's Designee, Title	Date 4-20 , 2007				
CERTIFICATE OF INSERVICE INS	PECTION				
I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of Illinois and em of CT have inspected the components described in this to 5/3/2007, and state that to the the Owner has performed examinations and taken corrective measure Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer make implied, concerning the examinations and corrective measures describe Furthermore, neither the Inspector nor his employer shall be liable in injury or property damage or a loss of any kind arising from or connected we commissions Inspector's Signature National Board National Report National Repo	aployed by Hartford Steam Boiler is Owner's Report during the period be best of my knowledge and belief, es described in this Owner's on XI. es any warranty, expressed or oed in this Owner's Report. any manner for any personal				

ATTACHMENT 3 Page 30 of FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. Owner:	AmerGen Energy	CO., LLC			. Dati	а кероі	LE MO. KE-11-0	19
		Name			Date	e:	12/11/20	07
	965 Chesterbrook		PA 19087					
		Address			She	et	1 of	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1		
		Name						
	RR3, Box 228, Cl	inton, IL 61727					, 14, & 16	
		Address			Repa	ir Organi	ization P.O. No., J	ob No.
3. Work Pe	rformed by: Clint	ton Power Statio	n		Type Co	de Sym	nbol Stamp: No	one
Name				Authoriz	ation N	lo: Not Applica	ble	
	RR3, Box 228, Cl	inton, IL 61727			Expiration	on Date	e: Not Applica	ble
		Address						<i>2</i>
4. Identific	ation of System: N	IRT03					Code Class	1
5(a) Applic	able Construction (Code Pipe:	1974 Edi	ition	Su 1974 A	ddenda	a N/A	Code Case
-(-)		Component:	1974 Edi		Su 1974 A			Code Case
(h) A								
. ,	able Edition of Sec		or Repairs	or ke	placements	ASME	Sec XI 1989 E	a, NO Add
(c) Sectio	n XI code Cases us	sed N/A	· · ·					<u>-</u> -
6. Identific	ation of Componer	nts Repaired or F	Replaced a	nd Re	placement (Compon	ents	
Name of	Name of	Manufacturer	National		Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	lde	ntification	Built	Replaced or Replacement	Code Stamped
Snubber	Pacific Scientific	11290	N/A	1R	T01003S	1985	Replacement	Yes
Snubber	Pacific Scientific	24424	N/A	1R	T01035S	1985	Replacement	Yes
Snubber	Pacific Scientific	19710	N/A	1R	T02084S	1985	Replacement	Yes
		<u> </u>	<u> </u>				·	
L			·					
7. Descrip	tion: 1RT01003S -			d Pin; 1	IRT01035S	- Repla	ced Snubber;	
	1RT02084S -	Replaced Snubb	oer.					
8. Tests Co	onducted: Hydros	static 🗀 🛮 Pneu	matic \Box	Nom	inal Operati	ng Pres	ssure 🗀	
	Other [☐ Exempt 🗹	Pre	essure:	psi	T	est Temp:	٥F
	· - ·	F			ρ		r	

ATTACHMENT 4 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): For 1RT01003S - For Snubber - Cat ID 1151214, UTC # 2108602

For 1RT01035S - For Snubber - Cat ID 1141214, UTC # 2113644

For Load Pin - Cat ID 1152581, UTC # 2116868

For 1RT02084S - For Snubber - Cat ID 1151955, UTC # 2:	110225
CERTIFICATE OF CO	MPLIANCE
We certify that the statements made in the report are correct rules of the ASME Code, Section XI. Type Code Symbol Stamp _ N A	t and this <u>Replacement</u> conform to the repair or replacement
Certificate of Authorization No. N\A	•
Signed Miria 3 Engineer Owner's Designee, Title	Date <u>12 - 11</u> , 20 <u>07</u>
CERTIFICATE OF INSERVI	CE INSPECTION
the Owner has performed examinations and taken corrective Report in accordance with the requirements of the ASME Coc By signing this certificate neither the Inspector nor his emploimplied, concerning the examinations and corrective measure Furthermore, neither the Inspector nor his employer shall be injury or property damage or a loss of any kind arising from or continuous Inspector's Signature	and employed by Hartford Steam Boiler bed in this Owner's Report during the period hat to the best of my knowledge and belief, measures described in this Owner's de, Section XI. Byer makes any warranty, expressed or less described in this Owner's Report. I liable in any manner for any personal meeted with this inspection.
Date, 20	

1. Owner:					Data Report No. RF-11-021					
		Name			Dat	e:	12/13/20	07		
	965 Chesterbrool		PA 19087					.—		
		Address			She	et	1 of	1		
2. Plant:	Clinton Power Sta	ation			Unit	t: 1	•			
Zi i idilei	Circon Force Occ	Name			,01,11	·		•		
	RR3, Box 228, Cl	inton, IL 61727			770	520-05	& 17			
		Address			Repa	air Organi	zation P.O. No., J	ob No.		
3. Work Pe	rformed by: Clint	ton Power Statio	n		Type Co	ode Syn	nbol Stamp: N	one		
		Name			Authoriz	zation N	lo: Not Applica	able		
	RR3, Box 228, Cl	inton, IL 61727			Evnirati	on Date	: Not Applica	ahle		
Address					Expirati	on Date	. Not Applice			
4. Identifica	ation of System: N	IGE02					Code Class	1		
5(a) Applic	able Construction	Code Pipe:	1974 Ed	lition	Su 1974 A	Addenda	a N/A	Code Case		
		Component:	1974 Ed	lition	Su 1974 A	Addenda	a N/A	Code Case		
(h) Annlic	able Edition of Sec	· —	or Popair	c or Da	anlacemento	ASME				
			от керап	5 01 10	epiacements	ASITE	Sec XI 1909 I	Lu, No Add		
(c) Section	n XI code Cases u	sed <u>N/A</u>								
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Re	placement (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		
Snubber	E-System	008E30	N/A	1	IS101B	1986	Replacement	Yes		
Snub	E-System	004E070	N/A	1	S101C	1986	Replacement	Yes		
	,		.1			 -	L.,			
		· · · · · · · · · · · · · · · · · · ·								
7. Descript	tion: 1S101B - rep	laced snubber; 1	S101C -	replace	ed load pin.					
		•								
8. Tests Co	nducted: Hydros	static 🗆 Pneu	matic 🗆	Nom	ninal Operati	ing Pres	sure 🗆			
	Other 🗆	☐ Exempt 🗹	. Pr	essure	: psi		est Temp:	٥F		
		= Lacinpt =		Coounc	· psi		coc i ciripi	•		

ATTACHMENT 4 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):

For 1S101B - For snubber Cat ID 1153940 UTC # 2727064 For 1S101C - For load pin Cat ID 1152721 UTC # 2118078

CERTIFICATE OF COMPL	IANCE
We certify that the statements made in the report are correct and	this Replacement conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp N/A	
Certificate of Authorization No. NIA	
Signed Mirra Bar Engineer Owner or Owner's Designee, Vitle	Date 12-13 - , 20 <u>07</u>
0 - 1	
CERTIFICATE OF INSERVICE I	NSPECTION
I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of lllinois and of have inspected the components described in to 12/13/2007, and state that to the Owner has performed examinations and taken corrective mea Report in accordance with the requirements of the ASME Code, Se By signing this certificate neither the Inspector nor his employer nimplied, concerning the examinations and corrective measures destruthermore, neither the Inspector nor his employer shall be liable injury or property damage or a loss of any kind arising from or connected Commissions National National	d employed by Hartford Steam Boiler this Owner's Report during the period to the best of my knowledge and belief, sures described in this Owner's ection XI. The makes any warranty, expressed or scribed in this Owner's Report. The in any manner for any personal
Date 13 December, 20 \$7	board, state, Frovince, and Endorsements

ATTACHMENT 3

1. Owner:	Amergen Energy	CO., LLC			Dat	а керог	(NO. KL-11-0	22
		Name			Dat	e:	2/21/200)8
	965 Chesterbrook	Blvd., Wayne, F	PA 19087					
		Address			She	et1	l of	1
2. Plant:	Clinton Power Sta	ition			Unit	t: 1		
		Name						
	RR3, Box 228, Cli	nton, IL 61727				923-01		
		Address			Repa	air Organi:	zation P.O. No., J	ob No.
3. Work Pe	erformed by: Clint	on Power Statio	n		Type Co	ode Sym	bol Stamp: N	one
	 	Name			Authoriz	zation N	o: Not Applic	able
	RR3, Box 228, Cli						: Not Applic	
		Address						
4. Identific	ation of System: N	MS06			•		Code Class	1
5(a) Applic	able Construction (Code Pipe:	N/A Ed	ition	N/A A	Addenda	N/A	Code Case
		Component:	1974 Ed	ition	S75 A	Addenda	see remark	Code Case
(h) Applic	able Edition of Sec	tion XI Utilized f	or Renaire	or Rer	lacements	ASME	Section XI 1	989 Edition
. ,	n XI code Cases us	•	or repairs	or nep	/Ideeli Iei Iei	7.01 12	300000 71, I	
(c) sectio	ii XI code cases us	11/A						
6. Identific	ation of Componen	ts Repaired or R	eplaced a	nd Rep	lacement (Compon	ents,	
Name of	Name of ·	Manufacturer	National	_	ther	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Iden	tification	Built	Replaced or Replacement	Code Stamped
							Replacement	<u> </u>
V	ANCHOR/DARLING	E-6214-156-1	NA	1B2	1F019	1979	Replacement	Yes
								
7. Descrip	tion: Replaced Val	ve Bonnet						*
		e e			•			·
8. Tests Co	onducted: Hydros	tatic 🗆 Pneu	matic \Box	Nomi	nal Operati	na Drec	cure 🗸	
2	,				•	_		°F
	Other	Exempt _	ı Pre	essure:	psi	16	est Temp:	- F

ATTACHMENT 4 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): Component Code Cases: 1516.1, 1567, 1622, 1635.1, 1677 Valve Bonnet Cat ID 1145102 UTC 2113548

CERTIFICATE OF COMPLI	ANCE
We certify that the statements made in the report are correct and t	
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NJA	
Certificate of Authorization No. NA	
Signed Mirza Bar Engineer Owner or Owner's Designee, Title	Date <u>1-21-</u> , 20 <u>08</u>
CERTIFICATE OF INSERVICE IN	NSPECTION
I, the undersigned, holding a valid commission issued by the Nation Vessel Inspectors and the State of Province of Illinois and of CT have inspected the components described in 2/22/2008, and state that to the Owner has performed examinations and taken corrective measurements. Report in accordance with the requirements of the ASME Code, Second By signing this certificate neither the Inspector nor his employer maintained, concerning the examinations and corrective measures described in the Inspector nor his employer shall be liable in jury or property damage or a loss of any kind arising from or connected Commissions	employed by Hartford Steam Boiler_this Owner's Report during the period the best of my knowledge and belief, ures described in this Owner's ction XI. Takes any warranty, expressed or cribed in this Owner's Report. In any manner for any personal with this inspection.
Inspector's Signature National E Date コン Feらだいなだり , 20 夕 8	Board, State, Province, and Endorsements

ATTACHMENT 3

1. Owner:	AmerGen Energy	Co., LLC			а керог	τ NO. KL-11-0	23
		. Name		Date	<u> </u>	2/22/200	8
•	965 Chesterbrool		A 19087				
		Address		She	et	1 of	1
2. Plant:	Clinton Power Sta	ation		Unit	: 1		
		Name					
	RR3, Box 228, Cl	inton, IL 61727					
	•	Address		Repa	ir Organi	zation P.O. No., Jo	ob No.
RR3, Box 228, Clinton, IL 61727 Address Repair Organization P.O. No., Job No. Type Code Symbol Stamp: None Authorization No: Not Applicable RR3, Box 228, Clinton, IL 61727 Address Authorization No: Not Applicable Expiration Date: Not Applicable Authorization No: Not Applicable Expiration Date: Not Applicable Address 4. Identification of System: NFW01 Code Class 1 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Ca Component: 1974 Edition S75 Addenda see remark Code Ca (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Section XI, 1989 Edition (c) Section XI code Cases used N/A						ne	
						lo: Not Applica	ble
RR3, Box 228, Clinton, IL 61727				Eyniratio	n Date	Not Applica	hle
Address					ni Ducc	Moe ripplice	
4. Identifica	ation of System: N	IFW01				Code Class	1
5(a) Applica	able Construction	Code Pipe:	1974 Edi	ition S74 A	ddenda	a NONE	Code Case
		Component:	1974 Edi	ition S75 A	ddenda	see remark	Code Case
(h) Applic	able Edition of Sec	tion XI Utilized fo	or Renaire	or Replacements	ΔSME	Section XI 10	989 Edition
. ,			л керанз	or Replacements	ASITE	Section XI, 13	OJ LUICION
(c) Section	II XI Code Cases u	sea <u>IV/A</u>					
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	ind Replacement C	ompon	ents	
Name of	Name of	Manufacturer	National	Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identification	Built	Replaced or	Code
						Replacement	Stamped
V	ANCHOR/DARLING	E-6214-157-1	NA	1B21F032A	1979	Replacement	Yes
		44.					,
i ·							
7. Descript	tion: Replaced Val	ve Cover Studs a	nd Nuts.				
		•					
8. Tests Co	nducted: Hydros	static 🗀 🛮 Pneur	natic \square	Nominal Operati	ng Pres	ssure 💆	
	Other 🗔	☐ Exempt ☐	Pre	essure: psi	T	est Temp:	٥F
		•		•		•	

ATTACHMENT 4 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): Component Code Cases: 1516.1,1567,1622,1635.1, 1677. Valve Cover Studs - Cat ID 1151852 UTC 0002100839

Valve Cover Nuts - Cat ID 1152022 UTC 0002684458

CERTIFICATE OF COMPLIANCE							
We certify that the statements made in the report are correct and this Replacement conform to rules of the ASME Code, Section XI. Type Code Symbol Stamp NIA	the						
Certificate of Authorization No. N/A							
Signed Hive Bergineer, Title V Date 2-22, 2008	_						
CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boile of CT have inspected the components described in this Owner's Report during the per line of to 2/22/2008, and state that to the best of my knowledge and believed 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 alloss of any kind arising from or connected with this inspection. Commissions (Commissions) National Board, State, Province, and Endorsements Date (Caranta Power Province)	riod						

1. Owner:	AmerGen Energy	Co., LLC			Data	a Repoi	t No. RF-11-0	2 4
		Name			Date	2;	3/5/2008	3
	965 Chesterbrook		PA 19087		Cho		1 06	4
		Address			Sne	et <u> </u>	Oi	
2. Plant:	Clinton Power Sta				Unit	: 1		
	Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address Sheet 1 of 1 Plant: Clinton Power Station Name RR3, Box 228, Clinton, IL 61727 Address Work Performed by: Clinton Power Station Name RR3, Box 228, Clinton, IL 61727 Address RR3, Box 228, Clinton, IL 61727 Address RR3, Box 228, Clinton, IL 61727 Address RR3, Box 228, Clinton, IL 61727 Expiration Date: Not Applicable RR3, Box 228, Clinton, IL 61727 Address Identification of System: NRH01 Code Class 2 (a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda Code Component: 1977 Edition S1977 Addenda N/A Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, If (c) Section XI code Cases used N/A Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replacement Stational							
	RR3, Box 228, Cl						zation P.O. No. 3	oh No
		Addicss				-		
3. Work Pe	rformed by: Clint	on Power Station	n		Type Co	de Syn	nbol Stamp: No	ne
		Name		\.	Authoriz	ation N	o: Not Applica	ble
	RR3, Box 228, Cl	inton, IL 61727			Expiration	on Date	: Not Applica	ble .
•	-	Address			,			
4 - 1 - 110								_
4. Identifica	ation of System: N	RH01					Code Class	2
5(a) Applic	able Construction (Code Pipe:	1974 Ed	lition	S74 A	ddenda		Code Case
		Component:	1977 Ed	lition	S1977 A	ddenda	n N/A	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized fo	or Repair	s or Repl	acements	ASME	Sec XI 1989 E	d. No Add
	•		· · · - - · · · ·					
, , ,								
	1	l .		1		1		ASME Code
								Stamped
V	Dresser Industries	N99652	N/A	1E12	2F036	1983	Replacement	Yes .
			·					
l								
<u> </u>		<u> </u>	- 11					
7. Descrip	tion: Replaced reli	ef valve.						
					*			
8. Tests Co	anductode III I			N	-1.0	D	-	
o. rests CC	,	_			al Operati	_		0 –
	Other L	□ Exempt □	Pr	essure:	psi	T	est Temp:	٥F

ATTACHMENT 4 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): Cat ID # 1389487; UTC # 2705825

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. NIA
Signed Mirza Bar Engineer Date 3-5-, 2008
Owner or Owner's Designee, Title V
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSTERIOR
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period of Solon to 3/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Commissions
Inspector's Signature National Board, State, Province, and Endorsements Date MARCH 2008

1. Owner: AmerGen Energy Co., LLC					_ Data Report No. RF-11-025					
	1	Name			Date	2:	3/7/200)8		
	965 Chesterbrook		PA 19087							
		Address			Shee	et	1 of	1		
2. Plant:	Clinton Power Sta	ation			Unit	· 1				
		Name	······································	•	Offic					
	RR3, Box 228, Cl	inton, IL 61727			9513	348				
		Address			Repa	i r O rgani	zation P.O. No.,	Job No.		
3. Work Pe	rformed by: Clin	ton Power Statio	n		Type Co	de Syn	nbol Stamp: N	lone		
	Name				Authoriz	ation N	lo: Not Applic	able		
	RR3, Box 228, Clinton, IL 61727				Evniratio	n Date	: Not Applic			
		Address		,	Lxpiratic	iii Date	. Not Applic	able		
						•				
4. Identifica	ation of System: N	IGE02					Code Class	1		
5(a) Applica	able Construction	Code Pipe:	1974 Ec	lition	S74 A	ddenda	n/A	Code Case		
		Component:	1974 Ec	lition	S76 A	ddenda		Code Case		
(h) Annlia		• —								
	able Edition of Sec		or kepair	s or Repi	acements	ASME	Sec XI 1989	Ea, No Ada		
(c) Section	n XI code Cases u	sed NONE								
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Repla	acement C	ompon	ents			
Name of	Name of	Manufacturer	National		her	Year	Repaired	ASME		
Component	Manufacturer	Serial Number	Board No		fication	Built	Replaced or	Code		
							Replacement	Stamped		
V	DIKKERS	160539	44	1B21	F041A	1978	Replaced	Yes		
		<u></u>								
				·						
7. Descript	tion: Replaced Saf	etv relief Valve a	nd outlet	boltinas	(2).					
•		,		3	` '					
					*					
8. Tests Co	nducted: Hydros	static 🗆 Pneur	natic 🗆	Nomina	al Operatir	a Pres	sure 🗹			
	,				-	_		°F		
	Other L	Exempt	Pr	essure:	psi	10	est Temp:	Г		

ATTACHMENT 4 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): Boltings - Cat ID - 1145888 UTC 2684460.

,								
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								
Certificate of Authorization NoNJA								
Signed Miyaa Book Engineey Date 3-7-, 2008 Owner or Owner's Designee, Title								
CERTIFICATE OF INSERVICE INSPECTION								
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period 3/7/2008 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1.4 1721								
Inspector's Signature National Board, State, Province, and Endorsements Date MARCH 9 . 20 9 8								

ATTACHMENT 3

1. Owner:					Data Report No. RF-11-026					
	0.5-01	Name		*	Date	: :	3/7/20	08		
	965 Chesterbrook	Address	A 19087		Shee	et	1 of _	1		
2. Plant:	Clinton Power Sta	ation Name			Unit	: 1				
	RR3, Box 228, Cli	inton, IL 61727 Address			<u>9513</u> Repai		zation P.O. No.,	Job No.		
3. Work Pe	rformed by: Clint	on Power Station	1		Type Code Symbol Stamp: None					
		Name			Authoriz	ation N	lo: Not Applic	able		
	RR3, Box 228, Clinton, IL 61727					n Date	: Not Applic	able		
		Address								
4. Identifica	ation of System: N	GE02					Code Class	1		
5(a) Applic	able Construction (Code Pipe:	1974 Ec	lition	S74 A	ddenda	a N/A	Code Case		
		Component:	1974 Ec	lition	S76 A	ddenda	NONE	Code Case		
(b) Applic	able Edition of Sec	· · · · · · · · · · · · · · · · · · ·	or Repair	s or Repla	cements	ASME	Sec XI 1989	Ed, No Add		
(c) Sectio	n XI code Cases us	sed NONE	•	·	•					
	ation of Componer		enlaced a	and Repla	cement C	ompon	ents			
Name of	Name of	Manufacturer	National	Oth		Year	Repaired	ASME		
Component	Manufacturer	Serial Number	Board No	ldentifi	cation	Built	Replaced or Replacement	Code Stamped		
V	DIKKERS	160787	55	1B21F	041B	1978	Replaced	Yes		
7. Descript	tion: Replaced Saf	ety Relief Valve a	and outle	t flange b	olting.					
8. Tests Co	onducted: Hydros Other		natic 🗆 . Pr	Nomina essure:	l Operatir psi	-	sure ☑ est Temp:	°F		

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Outlet studs were replaced and Cat ID & UTC numbers were not recorded by contractor (Shaw).
 See Issue Report 751868.

CERTIFICATE OF COMPLIANCE							
We certify that the statements made in the report are correct and this Replacement conform to trules of the ASME Code, Section XI. Type Code Symbol Stamp NIA	the						
Certificate of Authorization No. NIA							
Signed Mirea Bar Engineer Date 3-19-, 2008 Owner of Owner's Designee, Title	= :						
CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boile of CT have inspected the components described in this Owner's Report during the per 3/21/2008, and state that to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements	iod						

1. Owner:	Amergen Energy	Co., LLC			Data	а керог	t No. KF-11-U	21
		Name			Date	e:	3/7/200	8
	965 Chesterbrool		A 19087		C.I			
	•	Address			She	et1	. of	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1	•	
		Name						
	RR3, Box 228, Cl				<u>772</u>			·
		Address			Repa	air Organi:	zation P.O. No., 3	lob No.
3. Work Performed by: Clinton Power Station					Type Co	ode Sym	bol Stamp: N	one
	- *************************************	Name			Authoriz	ation N	o: Not Applic	able
	RR3, Box 228, Cl	Address			Expiration	on Date	: Not Applic	able
	. *	, Address						٠.
4. Identific	ation of System: N	GE02					Code Class	1
5(a) Applic	able Construction	Code Pipe:	1974 Ed	ition	S75 A	ddenda	none	Code Case
		Component:	1974 Ed	ition	S76 A	ddenda	none	Code Case
(h) Applic	able Edition of Sec	tion VI Litilized fo	or Donair	or Dank	acoments	ASME	Sec YI 1080	Ed No Add
			л керап:	s or Kepi	acements	ASITE	3ec XI 1909	Lu, IVO Auu
(c) Sectio	n XI code Cases u	sed <u>none</u>						
6. Identific	ation of Componer	nts Repaired or R	eplaced a	and Repla	acement (Compon	ents	
Name of	Name of	Manufacturer	National		her	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identif	fication	Built	Replaced or Replacement	Code Stamped
V	DIKKERS	160940	54	1B21	F041C	1978	Replaced	Yes
			<u></u>					
7. Descrip	tion: Replaced Saf	ety Relief Valve a	and inlet	and outla	at flange s	studs.		
	1							
8. Tests Co	onducted: Hydros	static 🗀 Pneur	natic 🗀	Nomina	al Operati	ng Pres	sure 💌	
	Other 🗀	Exempt	Pre	essure:	psi	Τe	est Temp:	٥F

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Inlet Studs - Cat ID 1145887 UTC 2734814 (6 each) and 2111761 (1 each)
 Inlet Nuts - Cat ID 1406870 UTC 2784266 (5 each) and 2727464 (7 each)
 Outlet Studs - Cat ID - 1145888 UTC 2684460 (16 each)
 Outlet Nuts - Cat ID - 1406887 UTC 2727476 (16 each)

CERTIFICATE OF COMPLIAN	ICE						
We certify that the statements made in the report are correct and this	Replacement conform to the						
rules of the ASME Code, Section XI.	теран от теріасеттеті.						
Type Code Symbol StampNIA							
Certificate of Authorization No							
Signed Mira Bor Engineer Owner's Designee, Title	Date <u>3 - </u>						
Owner's Designee, Title ()	· ·						
CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period so 3/14/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Commissions National Board, State, Province, and Endorsements Date 14 MARCH 20 \$ 8							

ATTACHMENT 3 Page 30 of FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. Owner:	AmerGen Energy	CO., LLC			Data	Repor	t No. RF-11-0	28
		Name	,		Date	:	3/12/200	08
	965 Chesterbrook	<u> </u>	PA 19087					
		Address			Shee	et	1 of	1
2. Plant:	Clinton Power Sta	ation			Unit:	. 1		
Z. Flaiit.	Clinton Flower Sta	Name			Offic	<u> </u>	·	
•	RR3, Box 228, Cl				9513	353		
	KKS, DOX 220, CI	Address					zation P.O. No., J	ob No.
	•	•		_	T C = .	d	hal Chaman N	
3. Work Pe	erformed by: Clint	on Power Statio	n		Type Co	se Sym	ibol Stamp: N	one
		Name		,	Authoriza	ation N	o: Not Applica	able
	RR3, Box 228, Cl	inton, IL 61727		· · ·	Expiratio	n Date	: Not Applica	ahle
		Address		.*	Ехрітасю	·······································	1 10c Applied	
						**	· .	
4. Identifica	ation of System: N	GE02					Code Class	1
E(=) Alia		Cada Dina.	107454	:	C74 A		, 11/4	Cada Casa
5(a) Applic	able Construction (1974 Ed		S74 A			Code Case
		Component:	1974 Ed	ition	576 A	denda	NONE	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized f	or Repairs	s or Replac	ements	ASME	Sec XI 1989	Ed, No Add
(c) Sectio	n XI code Cases us	sed NONE	•					
	•	····		V	·			
6. Identific	ation of Componer	its Repaired or F	Replaced a	and Replace	ement C	ompon	ents	
Name of		Manufacturer	National	Other		Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identifica	ation	Built	Replaced or Replacement	Code Stamped
V	DIKKERS	160535	40	1B21F0	041L	1978	Replaced	Yes
	,							
l			•			-		•
L		·		***********				.
7. Descrip	tion: Replaced Saf	ety relief Valve	and Studs	& Nuts.		•		•
			•			•		
8. Tests Co	onducted: Hydros	static 🗀 Pneu	matic 🗆	Nominal	Operatir	ng Pres	sure 🗹	
	Other 🗆	_		essure:	psi	_	est Temp:	° F .
	Other L	- ryembr –	J . Pit	zoouic.	þsi	10	esc remp.	1.

ATTACHMENT 4 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):
Inlet Nut - Cat ID - 1406870 UTC # 2784266 (1 each)
Outlet Studs - Cat ID 1145888 UTC #s 2728985 (4 each) & 2684456 (1 each)

CERTIFICATE OF COMPLI	IANCE
We certify that the statements made in the report are correct and rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Signed Mary Barre Enginee, Title	this Replacement conform to the repair or replacement Date 3-12-, 2008
I, the undersigned, holding a valid commission issued by the Natio Vessel Inspectors and the State of Province of Illinois and of CT have inspected the components described in 3/14/2008, and state that to the Owner has performed examinations and taken corrective meas Report in accordance with the requirements of the ASME Code, Se By signing this certificate neither the Inspector nor his employer mimplied, concerning the examinations and corrective measures des Furthermore, neither the Inspector nor his employer shall be liable injury or property damage or a loss of any kind arising from or connected Commissions	anal Board of Boiler and Pressure employed by <u>Hartford Steam Boiler</u> this Owner's Report during the period the best of my knowledge and belief, sures described in this Owner's ction XI. hakes any warranty, expressed or cribed in this Owner's Report. in any manner for any personal d with this inspection.
	Board, State, Province, and Endorsements

Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address Sheet 1 of 1 2. Plant: Clinton Power Station Name RR3, Box 228, Clinton, IL 61727 Address None RR3, Box 228, Clinton, IL 61727 Address None RR3, Box 228, Clinton, IL 61727 Address None RR3, Box 228, Clinton, IL 61727 Address Not Applicable 4. Identification of System: NGE02 Code Class 1 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replaced or Replaced Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure: psi Test Temp: °F	1. Owner:	AmerGen Energy	Co., LLC			Data	a Repor	t No. RF-11-0	29	
2. Plant: Clinton Power Station						Date	e:	3/12/200	08	
Name RR3, Box 228, Clinton, IL 61727 Address Repair Organization P.O. No., Job No. 3. Work Performed by: Clinton Power Station Name RR3, Box 228, Clinton, IL 61727 Address Address Authorization No: Not Applicable Expiration Date: Not Applicable Expiration Date: Not Applicable Not Applicable Address 4. Identification of System: NGE02 Code Class 1 S(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replacement Components V DIKKERS 160781 50 1821F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure		965 Chesterbrool		PA 19087		She	et 1	of	1	
Address Repair Organization P.O. No., Job No. Type Code Symbol Stamp: None Authorization No: Not Applicable RR3, Box 228, Clinton, IL 61727 Address Authorization Date: Not Applicable Expiration Date: Not Applicable Authorization No: Not Applicable Expiration Date: Not Applicable Code Class 1 Solution Power Station Name Authorization No: Not Applicable Expiration Date: Not Applicable Authorization No: Not Applicable Expiration Date: Not Applicable Code Class 1 Solution Power Station Not Applicable Authorization Date: Not Applicable Expiration Date: Not Applicable Code Class 1 Solution Power Station Not Applicable Tode Class 1 Solution Power Station Not Applicable Tode Class 1 Solution Power Station Not Applicable Applicable Expiration Date: Not Applicable Not Applicable Not Applicable Not Applicable Applicable Expiration Date: Not Applicable Not Applicable Tode Class 1 Solution Power Station Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Tode Class 1 Solution Power Station Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Tode Class 1 Solution Power Station Power Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Solution Power Not Applicable Not Applicable Solution Power Station Power Not Applicable Not Applicable Solution Power Not Applicable Not Applicable Solution Power Not Applicable Not Applicable Tode Class 1 Solution Power Station Power Not Applicable Not Applicable Not Applicable Not Applicable Solution Power Station Power Not Applicable Solution Power Station Power Not Applicable Not Applicable Solution Power Station Power Not Applicable Solution Power Sta	2. Plant:	Clinton Power Sta			<u> </u>	Unit	: 1	<u>_</u>		
Address Repair Organization P.O. No., Job No. Type Code Symbol Stamp: None Authorization No: Not Applicable RR3, Box 228, Clinton, IL 61727 Address Address 4. Identification of System: NGE02 Code Class 1 S(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Identification Built Replaced or Replaced or Replacement Components Name of Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replacement Code Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure		RR3, Box 228, Cl	inton. IL 61727		•	951	356			
Name Component Name of Component Repaired or Replaced and Replacement Component Name of Component Manufacturer Serial Number Se				<u> </u>				ation P.O. No., 3	ob No.	
Address 4. Identification of System: NGE02 Code Class 1 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replacement Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	3. Work Pe	rformed by: Clint	ton Power Statio	n		Type Code Symbol Stamp: None				
4. Identification of System: NGE02 Code Class 1 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Component Manufacturer Serial Number Board No Identification Built Replaced or Replacement Code Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure						Authoriz	ation N	o: Not Applic	able	
4. Identification of System: NGE02 Code Class 1 5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Serial Number Board No Identification Paulit Replaced or Replaced or Replacement Component Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure		RR3, Box 228, Cl				Expiration	on Date	: Not Applic	able	
5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replaced or Replaced or Replacement Code Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ✓			Address			•	•			
Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replacement Stamped	4. Identifica	ation of System: N	GE02		1			Code Class	1	
Component: 1974 Edition S76 Addenda NONE Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Serial Number Serial Number Board No Identification Built Replaced or Replacement Code Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	5(a) Applic	able Construction	Code Pipe:	1974 Ec	lition	S74 A	ddenda	N/A	Code Case	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 1989 Ed, No Add (c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Component Manufacturer Serial Number Board No Identification Built Replaced or Replacement Code Stamped	-(-)							<u> </u>		
(c) Section XI code Cases used NONE 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Pull Replaced or Replaced or Replacement Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ✓	(b) Applic		·							
6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial Number Board No Identification Built Replaced or Replacement Stamped V DIKKERS 160781 50 1821F047F 1978 Replaced Yes	. ,			•						
Component Manufacturer Serial Number Board No Identification Built Replaced or Replacement Stamped V DIKKERS 160781 50 1B21F047F 1978 Replaced Yes 7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ✓	` ,			Replaced a	and Rep	lacement C	Compon	ents		
7. Description: Replaced Safety Relief Valve and Outlet Studs. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑		1			_			Replaced or	Code	
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑	V	DIKKERS	160781	50	1B2	1F047F	1978	Replaced	Yes	
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑										
·	7. Descript	tion: Replaced Saf	ety Relief Valve	and Outle	et Studs.		· · · · · · · · · · · · · · · · · · ·			
outer — Exempt — Por Foot tempt	8. Tests Co	onducted: Hydros Other		_		nal Operatii psi	_		°F	

ATTACHMENT 4 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):
Outlet Studs - Cat ID - 1145888 UTC #s 2684456 (2 each) & 2684460 (4 each).

	· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIAN	ICE
We certify that the statements made in the report are correct and this	
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NIA	
Certificate of Authorization No. NSA	
Signed Mine Berg Engineer Owner's Designee, Title	Date <u>3 - 12 -</u> , 20 <u>08</u>
CERTIFICATE OF INSERVICE INSI	PECTION
I, the undersigned, holding a valid commission issued by the National I Vessel Inspectors and the State of Province of Illinois and empore of CT have inspected the components described in this 3/12/2008, and state that to the the Owner has performed examinations and taken corrective measures Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer makes implied, concerning the examinations and corrective measures described Furthermore neither the Inspector nor his employer shall be liable in a injury or property damage or a loss of any kind arising from or connected with Commissions I Com	ployed by Hartford Steam Boiler Owner's Report during the period best of my knowledge and belief, a described in this Owner's any Warranty, expressed or ed in this Owner's Report. In XI. In any manner for any personal with this inspection.
Inspector's Signature National Board Date	d, State, Province, and Endorsements

ATTACHMENT 3

1. Owner:	AmerGen Energy	Co., LLC			Data	a Repor	t No. RF-11-0	30	
		Name			Date	e:	3/12/200	08	
	965 Chesterbrool	<u>K Blvd., Wayne, F</u> Address	PA 19087		She	et	1 . of <u>.</u>	1	
2. Plant:	Clinton Power Sta	ation Name			Unit	: 1			
	RR3, Box 228, Cl	•			951	837			
	<u>-11(3) BOX E20) GI</u>	Address					zation P.O. No., J	ob N o.	
3. Work Pe	rformed by: Clin	on Power Station	n		Type Code Symbol Stamp: None				
•		Name	,		Authoriz	ation N	o: Not Applica	able	
	RR3, Box 228, CI				Expiration	on Date	: Not Applica	able	
	•	Address							
4. Identifica	ation of System: N	GE02					Code Class	1	
5(a) Applic	able Construction	Code Pipe:	1974 Ec	lition	S74 A	ddenda	a N/A	Code Case	
		Component:	1974 Ec	lition	S76 A	ddenda	NONE	Code Case	
(b) Applic	able Edition of Sec	tion XI Utilized f	or Repair	s or Rep	olacements	ASME	Sec XI 1989	Ed, No Add	
(c) Sectio	n XI code Cases u	sed NONE							
6. Identifica	ation of Componer	nts Repaired or R	eplaced :	and Ren	lacement C	ompon	ents		
Name of	Name of	Manufacturer	National		Other	Year	Repaired	ASME	
Component	Manufacturer	Serial Number	Board No	lden	tification	Built	Replaced or Replacement	Code Stamped	
V	DIKKERS	160786	53	1B2	1F051C	1978	Replaced	Yes	
	2.1		<u> </u>						
		• •	•				•		
							,		
7. Descript	tion: Replaced Saf	ety Relief Valve	and Stud	s and N	ute.				
		-	•						
8. Tests Co	onducted: Hydros	static 🗆 Pneui	matic 🗆	Nomi	nal Operati	na Pres	sure 🗹		
•	Other [essure:	psi	_	est Temp:	٥F	
	Other L	- Exempt -	, Pi	cssure.	psi	11	cac remp.	ı	

ATTACHMENT 4 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):
Inlet Nut - Cat ID - 1406870 UTC # 2784266 (1 each)
Outlet Studs - Cat ID - 1145888 UTC # 2684460 (8 each)

CERTIFICATE OF COM	PLIANCE
We certify that the statements made in the report are correct a	
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NJA	
Certificate of Authorization No. NIA	
Signed Miss Base Engineer Owner's Designee, Title	Date 3-12-, 2008
CERTIFICATE OF INSERVICE	E INSPECTION
I, the undersigned, holding a valid commission issued by the N Vessel Inspectors and the State of Province of Illinois of GT have inspected the components describe to 3/12/2008, and state that the Owner has performed examinations and taken corrective m Report in accordance with the requirements of the ASME Code By signing this certificate neither the Inspector nor his employer implied, concerning the examinations and corrective measures Furthermore, neither the Inspector nor his employer shall be lightly or property damage of a loss of any kind arising from or connections.	and employed by Hartford Steam Boiler din this Owner's Report during the period to the best of my knowledge and belief, neasures described in this Owner's, Section XI. Ber makes any warranty, expressed or described in this Owner's Report. Bable in any manner for any personal excted with this inspection.
Inspector's Signature Natio	onal Board, State, Province, and Endorsements

1. Owner:	AmerGen Energ	gy Co., LLC		 	Data	a Repor	t No. RF-11-0	31
		Name			Date	2:	3/12/200)8
,	965 Chesterbro	ok Blvd., Wayne, F	PA 19087				·	
		Address			Shee	et	1 of	1
2. Plant:	Clinton Power S	Station			Unit	. 1		
Z. Platit.	CHIROH POWEL .	Name			Offic		 · .	
	RR3 Boy 228	Clinton, IL 61727			772:	185		
	1(10), DOX 220,	Address					zation P.O. No., J	ob No.
					Typo Co	da Sum	shal Ctampi Ne	ono.
3. Work Pe	rformed by: Cl	inton Power Statio	n		• •		ibol Stamp: <u>N</u>	-
		Name			Authoriz	ation N	o: Not Applica	able
	RR3, Box 228,	Clinton, IL 61727			Expiration	n Date	: Not Applica	able
		Address			•			· · · · · · · · · · · · · · · · · · ·
4. Identific	ation of System:	NGE02					Code Class	1
5(a) Applic	able Construction	n Code Pipe:	1974 Ed	ition	S74 A	ddenda	n N/A	Code Case
J(J) / PP		Component:	1974 Ed			ddenda		Code Case
(1.)		• —		-				
. ,		ection XI Utilized f	or Repair	s or Rep	lacements	ASME	Sec XI 1989 I	a, No Add
(c) Sectio	n XI code Cases	used NONE					·	
6. Identific	ation of Compon	ents Repaired or R	eplaced a	and Repl	acement C	ompon	ents	•
Name of	Name of	Manufacturer	National	· · · · · · · · · · · · · · · · · · ·	her	Year	Repaired	ASME
Component		Serial Number	Board No		ification	Built	Replaced or	Code
							Replacement	Stamped
V	DIKKERS	160794	59	1B21	F051G	1978	Replaced	Yes
,	<u> </u>							L
								
7. Descrip	tion: Replaced S	Safety Relief Valve	and Stud	and Nu	ts.			
	,						•	
8. Tests Co	onducted: Hydr	ostatic 🗆 Pneui	matic \square	Nomin	al Operati	na Pres	sure 🗹	
	Other			essure:	•	_	est Temp:	°F
	Other	□ ⊏xempt □	ı Pi	essure.	psi	10	est remp.	1

ATTACHMENT 4 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):
Inlet Studs - Cat Id - 1145887 UTC #s 2111755 (12 each)
Inlet Nuts - Cat ID 1406870 UTC #2727464 (12 each)
Outlet Nuts - Cat ID 1406887 UTC # 2784267 (16 each)

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. NI A							
Signed Miris Boll Engineer Date 3-12-, 2008 Owned or Owner's Designee, Title							
Owner or Owner's Designee, Title V							
CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period of 3/14/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements							

1. Owner:	AmerGen Energy	Co., LLC			Data	a Repor	t No. RF-11-(032	
	Name				Date: 3/12/2008				
	965 Chesterbroo	k Blvd., Wayne, I Address	PA 19087		She	et	1 of _	1	
2. Plant:	Clinton Power Sta	ation Name			Unit	: 1			
	RR3, Box 228, Cl	inton, IL 61727			<u>772</u> 2				
		Address	•		Repa	ir Organi	zation P.O. No.,	Job No.	
3. Work Pe	rformed by: Clin	ton Power Statio	n	·	Type Code Symbol Stamp: None				
	Name					ation N	o: Not Applic	able	
	RR3, Box 228, Cl				Expiration	on Date	: Not Applic	able	
		Address							
4. Identific	ation of System: N	IGE02					Code Class	1	
5(a) Applic	able Construction	Code Pipe:	1974 Ed	lition		ddenda	 	Code Case	
		Component:	1974 Ed	lition	S76 A	ddenda	NONE	Code Case	
(b) Applic	able Edition of Sec	tion XI Utilized f	or Repair	s or Repl	acements	ASME	Sec XI 1989	Ed, No Add	
(c) Sectio	n XI code Cases u	sed NONE							
6. Identific	ation of Componer	nts Repaired or F	Replaced a	and Repla	acement C	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	160784	56	1B21	F051B	1978	Replaced	Yes	
						· · · · · · · · · · · · · · · · · · ·			
7. Descrip	tion: Replaced Sa	ety Relief Valve	and Stud	s and Nu	ts.				
					•				
8. Tests Co	onducted: Hydros	static 🗆 Pneu	matic \square	Nomin	al Operati	ng Pres	sure 🗹		
	Other [_	essure:	psi	-	est Temp:	٥F	

ATTACHMENT 4 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):
Inlet Studs - Cat ID 1145887 UTC #s 2111755 (3 each) & 2728986 (9 each)
Inlet Nuts - Cat ID 1406870 UTC # 2784266 (12 each)
Outle Studs - Cat ID 1145888 UTC # 2684460 (12 each)
Outlet Nuts - Cat ID 1406887 UTC # 2784267 (16 each)

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 Niva Bor Engineer Date 3-12-, 2008 Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period to 3/14/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions
Inspector's Signature National Board, State, Province, and Endorsements Date

ATTACHMENT 3 Page 30 of FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner:	AmerGen Energy	Co., LLC			Data	a Repor	t No. F	RF-11-0	33
	0.65 61 1 1 1	Name			Date	e:	3,	/14/200	08
н	965 Chesterbrool	Address	PA 19087		She	et	<u> </u>	of	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1			
		Name			:	0-1		MI	413
	RR3, Box 228, Cl	inton, IL 61727 Address				18 61 t ir Organi		O No 1	3-14-03
	•	Address							
3. Work Pe	rformed by: Clint	ton Power Statio	n		Type Co	de Sym	ibol Sta	amp: <u>N</u>	one
		Name			Authoriz	ation N	o: Not	Applica	able
	RR3, Box 228, Cl	·			Expiration	on Date	: Not	Applica	able
		Address			,				
4. Identifica	ation of System: $\frac{N}{N}$	GE01					Code	Class	1
5(a) Applic	able Construction (Code Pipe:	N/A Ec	lition	N/A A	ddenda	ì	N/A	Code Case
()		Component:	71 Ec		S73 A	ddenda	e Re	marks	Code Case
(h) Annlic	able Edition of Sec	· -	or Renair	s or Ren	lacements	ΔSMF	Sec XI	1989	Fd No Add
	n XI code Cases u		от перап	5 01 TCF	onacci i ci i ci	7.0172	000 /1	1303	24, 110 7144
							· · · · · · · · · · · · · · · · · · ·		
	ation of Componer	<u> </u>							
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		Other tification	Year Built	Repa Repla		ASME Code
							Replac	cement	Stamped
T	CB&I	Various	Various	1B1	3D008	1978	Repl	aced	Yes
			-!			4			· I
1									
1	· .		•						
7 December	D l	(17) 6	D d	NA - ala - a	inna (CDD)	Ala \			
7. Descrip	tion: Replaced sev	enteen (17) Cor	itroi Rod	Mechani	isms (CRDI	MS)			
8. Tests Co	onducted: Hvdros	static Pneu	matic 🗆	Nomi	nal Operati	ng Pres	sure 🛚		
	Other \Box	_	_	essure:	psi	_	est Ten		٥F
	Other =	- Excilipt	- ''	ري اماددې	psi			φ.	1

ATTACHMENT 4 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):
Code Cases for construction code - 1141, 1332, 1361-2, 1557-1, N207.
See Continuation sheet for material procurement data.

p	
CERTIFICATE OF COMPLIA	INCE
We certify that the statements made in the report are correct and th	
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NIA	
Certificate of Authorization No. NIA	
Signed Hira Bar Engineer Owner or Owner's Designee, Title	Date 3-14- , 2008
Owner or Owner's Designee, Title V	
CERTIFICATE OF INSERVICE IN	SPECTION
I, the undersigned, holding a valid commission issued by the National Vessel Inspectors and the State of Province of Illinois and error of CT have inspected the components described in the 5/3 0/0 to 3/18/2008, and state that to the Owner has performed examinations and taken corrective measur Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer making implied, concerning the examinations and corrective measures described in the components described in the Owner has performed examinations and taken corrective measure Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer shall be liable in injury or property damage or a loss of any kind arising from or connected we commissions Inspector's Signature National Boundary Signature	mployed by Hartford Steam Boiler nis Owner's Report during the period ne best of my knowledge and belief, res described in this Owner's fon XI. Kes any warranty, expressed or libed in this Owner's Report. In any manner for any personal
Date/8 MARSH, 20 0 8	ora, state, frovince, and Endorsements

CRDM Replacement Task, Location	CRDM Replacement Serial Number & UTC;
	Associated Bolting Cat ID & UTC
Task 01 20-05	A3284 & UTC 2744588;
•	Cat ID-1147766 & UTC 2735956
Task 02 24-09	A2531 & UTC 2744597;
	Cat ID-1147766 & UTC 2735956
Task 03 36-09	A2441 & UTC 2744599;
	Cat 1D-1147766 & UTC 2735956
Task 04 40-09	A2681 & UTC 2744605;
	Cat ID-1147766 & UTC 2735956
Task 05 16-13	8970 & UTC 2744589;
	Cat ID-1147766 & UTC 2735956
Task 06 32-13	7760 & UTC 2744600;
	Cat ID-1147766 & UTC 2735956
Task 07 08-17	A2606 & UTC 2744602;
	Cat ID-1147766 & UTC 2735956
Task 08 28-17	8183 & UTC 2744586;
·	Cat ID-1147766 & UTC 2735956
Task 09 08-21	8938 & UTC 2744595;
	Cat ID-1147766 & UTC 2735956
Task 10 48-21	A3267 & UTC 2744590;
	Cat ID-1147766 & UTC 2735956
Task 11 28-25	A2687 & UTC 2744587;
	Cat ID-1147766 & UTC 2735956
Task 12 48-25	8151 & UTC 2744604;
	Cat ID-1147766 & UTC 2735956
Task 13 32-29	9000 & UTC 2744591;
	Cat ID-1147766 & UTC 2735956
Task 14 44-33	A2591 & UTC 2744603;
	Cat ID-1147766 & UTC 2735956
Task 15 36-49	A3341 & UTC 2744601;
	Cat ID-1147766 & UTC 2735956
Task 16 44-49	A3347 & UTC 2744593;
	Cat ID-1147766 & UTC 2735956
Task 17 32-53	8651 & UTC 2744606;
	Cat ID-1147766 & UTC 2735956

1. Owner.	AffierGen <u>Energy</u>	CU., LLC			Date	i vehoi	C 140. KI -11-	דכנ
		Name			Date	2:	3/25/20	008
	965 Chesterbrook		PA 19087					-
		Address			Shee	et1	l . of _	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1		
		Name					•	
	RR3, Box 228, Cl	inton, IL 61727			9109	943-11		
		Address			Repa	ir Organi:	zation P.O. No.,	Job No.
3. Work Pe	rformed by: Clint	ton Power Statio	n		Type Co	de Sym	bol Stamp: 1	lone
		Name			Authoriz	ation N	o: Not Applic	cable
	RR3, Box 228, Cl	inton, IL 61727			Evniration	n Date	: Not Applie	rable
		Address			LAPITACIO	Date	. Not Applic	
4. Identific	ation of System: I^{\vee}	NE/IWL .					Code Class	MC
5(a) Applic	able Construction	Code Pipe:	1974 Ec			ddenda		Code Case
		Component:	1974 Ec	lition	S76 A	ddenda	ı N/A	Code Case
(b) Applic	able Edition of Sec	tion XI Utilized f	or Repair	s or Repla	acements	1992	Ed 1992 Add	enda
	n XI code Cases us		,	,			k .	
6 Identific	ation of Componer	ots Penaired or P	enlaced	and Penla	acement (`ompon	ents	
	· · · · · · · · · · · · · · · · · · ·	<u> </u>	· · · · · · · · · · · · · · · · · · ·				Repaired	A CNAF
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		her fication	Year Built	Replaced or	ASME Code
Component	Wild Hard Grand	·	200.010	1001111			Replacement	Stamped
Vessel	Chic, Bridge & Iron	N/A	N/A	Dry	well	1977	Replaced	No
						ll		
1								
1								
L	Ç		·					
7 Doccrin	tion: Replaced two	anty (20) Drawell	l hoad Ev	eholte an	d fifty aid	ht (58)	Dravell hear	1 Nute
7. Descrip	tion. Replaced two	inty (20) Drywen	i neau Ly	epoits an	id filty eig	iit (30)	Diyweli ficat	i vuts.
8. Tests Co	nducted: Usidasa	static 🗆 Pneur	matic 🗆	Nomina	al Operatii	na Droc	curo 🗍	
0. 16202 CC	,				•	-		0
	Other \Box	🛚 Exempt 🗹	'l Pr	essure:	psi	Te	est Temp:	°F

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Drywell Head Eyebolts - Cat ID 1388929 UTC 2788428 (13 each) and 2795540 (7 each).
 Drywell Head Nuts - Cat ID 1148025 UTC 2795845 (58 each).

CERTIFICATE OF	COMPLIANCE
We certify that the statements made in the report are concluded on the ASME Code, Section XI.	orrect and this Replacement conform to the repair or replacement
Type Code Symbol Stamp NA A Certificate of Authorization No. NA	
Signed Mira Bar Enginery Owner or Owner's Designee, Title	Date <u>3 - 25</u> , 20 <u>68</u>
CERTIFICATE OF INSE	RVICE INSPECTION
I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State of Province of Illinois of CT have inspected the components de 3/25/2008, and state Owner has performed examinations and taken correct Report in accordance with the requirements of the ASMI By signing this certificate neither the Inspector nor his elimplied, concerning the examinations and corrective me Furthermore, neither the Inspector nor his employer shainjury or property damage or a loss of any kind arising from or Commission Inspector's Signature	and employed by Hartford Steam Boiler_ escribed in this Owner's Report during the period ate that to the best of my knowledge and belief, ctive measures described in this Owner's Code, Section XI. Employer makes any warranty, expressed or asures described in this Owner's Report. Call be liable in any manner for any personal
Inspector's Signature Date 3/MARCH, 20/8	radoral bodra, batter, restrict, and Endorsements

1. Owner:	AmerGen Energy				Data	a Repoi	t No. RF-11-0	35
	OCE Chastarbrook	Name	A 10007		Date	e:	3/31/200	08
	965 Chesterbrook	Address	A 19007		Shee	et	1 of	1
2. Plant:	Clinton Power Sta	ation Name			Unit	1		
	RR3, Box 228, Cl	inton, IL 61727 Address			<u>2667</u> Repa		zation P.O. No., J	ob No.
3. Work Pe	rformed by: Clint	ton Power Station	3		Type Co	de Syņ	nbol Stamp: <u>N</u>	one
		Name			Authoriz	ation N	lo: Not Applica	able
	RR3, Box 228, Cl	inton, IL 61727 Address			Expiration	n Date	: Not Applic	able
		Address						
4. Identifica	ation of System: N	GE02					Code Class	1
5(a) Applica	able Construction (Code Pipe:	1974 Ed	ition	S74 A	ddenda	a N/A	Code Case
		Component:	1974 Ed	ition	None A	ddenda	1622	Code Case
	able Edition of Sec	•	or Repairs	s or Re	placements	ASME	Sec XI 1989	Ed, No Add
(c) Section	n XI code Cases us	sed N/A						•
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Rep	olacement C	ompon	ents	•
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No		Other ntification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped
V _.	ATWOOD & MORRILL	5-562	NA	1B2	21F028A	1976	Repaired	Yes
	. 6 . 15							
7. Descript	ion: Repaired Pop	pet by welding.						
8. Tests Co	nducted: Hydros	itatic 🗆 Pneun	natic \Box	Nomi	inal Operatir	ng Pres	sure 🗹	
	Other \Box	Exempt	Pre	essure:	psi	T	est Temp:	٥F

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

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

CERTIFICATE OF COMPLIAN	CE
We certify that the statements made in the report are correct and this	Repair conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol StampNIA	
Certificate of Authorization No. NJA	
Signed Miraa Boy Engineer Owher's Dasignee, Title	Date 3 - 31 - , 2008
CERTIFICATE OF INSERVICE INSP	PECTION
I, the undersigned, holding a valid commission issued by the National B Vessel Inspectors and the State of Province of Illinois and emp of CT have inspected the components described in this to 3/31/2008, and state that to the I the Owner has performed examinations and taken corrective measures Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer makes implied, concerning the examinations and corrective measures describe Furthermore, neither the Inspector nor his employer shall be liable in an injury or property damage or a loss of any kind arising from or connected with Commissions I Report National Board,	loyed by Hartford Steam Boiler_ Owner's Report during the period best of my knowledge and belief, described in this Owner's XI. any warranty, expressed or d in this Owner's Report. ny manner for any personal this inspection.

1. Owner:	Amergen Energy	CO., LLC			.a Kepoi	I NO. KT-11-U	20
		Name		Dat	e:	3/31/200	08
•	965 Chesterbrool	k Blvd., Wayne,	PA 19087	· · · · · ·			
		Address		She	eet	1 of	1
2. Plant:	Clinton Power Sta	ation		Uni	t: 1		
		Name					
	RR3, Box 228, Cl	inton, IL 61727		706	218		
		Address	-	Rep	air Organi	zation P.O. No., J	ob No.
3. Work Pe	rformed by: Clint	ton Power Statio	on	Type C	ode Syn	nbol Stamp: N	one
		Name	2	Authori	zation N	lo: Not Applica	able
	RR3, Box 228, Cl			Expirati	on Date	: Not Applica	able
		Address				_	
4. Identifica	ation of System: N	SC01	-			Code Class	1
5(a) Applica	able Construction (Code Pipe:	1974 Edit	ion 574	Addenda	none	Code Case
J(d) / ipplie		Component:	1977 Edit		Addenda		Code Case
/1.3. A. II		•					
	able Edition of Sec		for Repairs	or Replacements	ASME	Sec XI 1989 I	<u>-d, No Add</u>
(c) Section	n XI code Cases us	sed NONE					
6. Identifica	ation of Componer	nts Repaired or F	Replaced a	nd Replacement	Compon	ents	
Name of	I Name of	Manufacturer	National	Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	Identification	Built	Replaced or	Code
				•		Replacement	Stamped
V	CONAX CORPORATION	70	N/A	1C41F004B	76	Replaced	Yes
			I				No
	J.,				_!		1
Descript	tion: Replace Trig	ger Assembly of	Standby Li	quid Control (SLO	C) valve	,1C41F004B, a	fter firing.
						(
8. Tests Co	nducted: Hydros	itatic 🗀 🛮 Pneu	matic \square	Nominal Operat	ing Pres	sure 🗹	
	Other 🗀	Exempt] Pre	ssure: ps	i T	est Temp:	٥F
					·		•

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Code replacement Parts Reciept Information:
 Trigger Assembly - Cat ID 1148279, UTC 2783549. It consists of:
 Ram S/N 1782, Trigger Body S/N 7365, and Inlet Fitting S/N 7390.

CERTIFICATE OF COMPLIANCE	<u> </u>
We certify that the statements made in the report are correct and this Replacement con rules of the ASME Code, Section XI. Type Code Symbol Stamp NIA	nform to the
Certificate of Authorization No. NIA	·
Signed Mirza Boir Engineer Date 3-31-, Owner or Owner's Designee, Title	20 <u>08</u>
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pre Vessel Inspectors and the State of Province of Illinois and employed by Hartford Stee of CT have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Own Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, express 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 per injury or property damage of a loss of any kind arising from or connected with this inspection. Commissions I Take Read State Read Sta	eam Boiler g the period and belief, per's sed or ort. rsonal
Inspector's Signature Date	rsements

1. Owner.	Americen cherry	CO., LLC			Date	a Keboi	FINO' VILLITA	ודע
		Name			Date	e:	4/8/20	08
	965 Chesterbrool	<u>k Blvd., Wayne, I</u>	PA 19087					
		Address			She	et	l of	1
2. Plant:	Clinton Power Sta	ation			Unit	: 1	,	
		Name			•			
	RR3, Box 228, Cl	inton, IL 61727			676	052		
•		Address			Repa	ir Organi	zation P.O. No.,	Job No.
3. Work Pe	erformed by: Clint	ton Power Statio	n		Type Co	de Sym	nbol Stamp: N	lone
		Name			Authoriz	ation N	o: Not Applic	able
	RR3, Box 228, CI	inton, IL 61727					: Not Applic	
		Address			Exp. sec.		Тострын	
								• .
4. Identific	ation of System: N	SC01					Code Class	2
5(a) Applic	able Construction	Code Pipe:	1974 Ed	lition	S74 A	.ddenda	n N/A	Code Case
		Component:	1977 Ed	lition	W77 A	ddenda	n N/A	Code Case
(h) Applic	able Edition of Sec	tion XI Utilized f	or Renair	s or Ren	lacements	ΔSME	Sec XI 1989	Ed No Add
	n XI code Cases us		от перап	o nep	accincing	ASITE	3CC XI 1303	Lu, No Auu
(c) sectio	III XI COUE Cases us	Sed 11-410-2					·	· · · · · · · · · · · · · · · · · · ·
6. Identific	ation of Componer	nts Repaired or R	Replaced 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	YARWAY	94BKG	NA	1C41	IF033B	1982	Replaced	Yes
				_				
İ								
Ĺ		····						
7. Descrip	tion: Replaced the	check valve.						
•	•						•	
8. Tests Co	onducted: Hydros	static 🗆 Pneu	matic \square	Nomin	al Operati	na Pres	sure 🗹	
	,				-	-		٥F
	Other 🗆	Exempt _	J. Pr	essure:	psi	Te	est Temp:	ĭF,

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached): Receiving information: Check Valve Cat ID 1145361; UTC 2798854.

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. 시A
Signed Mirza Baif Engineer Date 4-8-, 2008 Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period to 4/9/2008, and state that to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature 14, 2008 National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements

1. Owner:	American Energy				Date	a kepoi	(NO. KF-11-	J4Z
		Name			Date	e:	4/9/200	
	965 Chesterbrool		PA 19087					
		Address			She	et	1 of	1
2. Plant:	Clinton Power Sta	ation			Unit	- 1		
Z. Flatic.	Clinton Fower Sta	Name			Offic	· <u>+</u>		
	RR3, Box 228, Cl	-			502	160		
	1113, DOX 220, CI	Address					zation P.O. No.,	Job No.
						_		
3. Work Pe	rformed by: Clint	on Power Statio	n		Type Co	de Syn	nbol Stamp: <u>N</u>	lone
		Name			Authoriz	ation N	lo: Not Applic	able
-	RR3, Box 228, Cl	inton, IL 61727						
		Address			Expiration	on Date	: Not Applic	.abie
					•			<i>‡</i>
4. Identifica	ation of System: N	RH03					Code Class	2
5(a) Applica	able Construction (Code Pipe:	1974 Ed	ition	S74 A	ddenda		Code Case
() !!		Component:	1974 Ed				e e Remarks	
								
(b) Applic	able Edition of Sec	tion XI Utilized f	or Repairs	s or Rep	placements	ASME	Sec XI 1989	Ed, No Add
(c) Section	n XI code Cases us	sed N/A		•		•		
6 Identific	ation of Componer	tc Pensired or F	onlacod a	nd Pon	lacomont C	`omnon	onto	
								1 10145
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No	-	ther tification	Year Built	Repaired Replaced or	ASME Code
			Dodie 110	10011		56	Replacement	Stamped
V	ANCHOR/DARLING	E-6214-123-1	NA	1F1	2F050B	1979	Replacement	Yes
	7.110110111011110		1,4,		E1 000D	1070	replacement	103
			•	•				
							•	
7. Descript	tion: Modified Valv	e Shaft Assemb	ly and Hin	g Pin C	over Assem	ibly per	EC 339008.	
			_					
8. Tests Co	nducted: Hydros	tatic 🗌 Pneu	matic 🗆	Nomir	nal Operatii	ng Pres	sure 🗹	
	Other \Box	Exempt 🗆	Pre	essure:	psi	Τe	est Temp:	٥F
		_,,,,,,,,,			۲۰.	• •	р.	•

	CERTIFICATE OF COMPLIAN
	Hing Pin Cover Nuts - Cat ID 1145422; UTC 2115663
	Hing Pin Cover Studs - Cat ID 1396489; UTC 2723839
	Hing Pin Cover Studs - Cat ID 1151829; UTC 2112217
	Hing Pin Cover - Cat ID 1395171; UTC 2727794
	Bonnet Cover Bolt - Cat ID 1395216; UTC 2687743
	Bonnet Cover - Cat ID 1395171; UTC 2727794
	Receiving information:
	ASME Sec III Code Cases - 1516.1, 1567, 1622, 1635.1, 1677.
9.	Remarks (Applicable Manufacturer's Data Reports to be attached):

CERTIFICATE OF COMPLIAN	CE					
We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI.	Replacement conform to the repair or replacement					
Type Code Symbol Stamp N/A						
Certificate of Authorization No. NIA						
Signed Mirza Baio Engineer Owner or Owner's Designee, Title	Date <u>4 - 10 -</u> , 20 <u>08</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 Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report during the 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 alloss of any kind arising from or connected with this inspection. Commissions Latitle National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements						

1. Owner:	AmerGen Energy	CO., LLC			Data	i kepoi	T NO. KF-1	1-043	
		Name			Date	2:	4/16/	2008	
	965 Chesterbrook		PA 19087						
		Address			Shee	et	1 of	1	
2. Plant:	Clinton Power Sta	ation			Unit	: 1			
		Name							
	RR3, Box 228, Cli	nton, IL 61727			7983	333			
		Address			Repa	ir Organi	zation P.O. N	o., Job N	о.
3. Work Pe	rformed by: Clint	on Power Statio	n		Type Code Symbol Stamp: None				
		Name			Authoriz	ation N	lo: Not App	olicable	
	RR3, Box 228, Cl	inton, IL 61727			Expiration	n Date	: Not Apr	nlicable	
		Address			Expiration	,, Date	1000 1101	,	
4. Identifica	ation of System: <u>N</u>	GE01					Code Cla	iss 1	
5(a) Applica	able Construction (Code Pipe:	1974 Ed	lition	S74 A	ddenda	a NOI	NE Cod	le Case
		Component:	1971 Ed	lition	W73 A	ddenda	a NOI	NE Cod	le Case
(h) Annlic	able Edition of Sec	tion XI Utilized f	or Repair	s or Re	placements	ASME	Sec XI 19	89 Ed.	No Add
` ' ' ' '	n XI code Cases us		от жерал	<i>.</i>	piacements	7.0.72			
. ,					4				
6. Identifica	ation of Componer	ts Repaired or F	Replaced a	and Re	placement C		ents		
Name of	Name of	Manufacturer	National		Other	Year	Repaired		SME
Component	Manufacturer	Serial Number	Board No	ide	ntification	Built	Replaced of Replaceme		Code amped
P	DINCHANAANII I AMETTE	14217101	ND 204	4D:	220044	1077	·		
Р	BINGHAM/WILLAMETTE		NB-394		33C001A	1977	Replaceme	ent	Yes
		•			•				
7 0 :	Company Development Deve	61 4		_ 11	Cla d a d	C!!!			
7. Descrip	tion: Replaced Pur	np Seal Assemb	ıy ıncıuae:	s uppe	r Gland and	Seal H	olaer.		
					•				
8. Tests Co	nducted: Ud	tatio Danie	matia 🗆	No	inal Onoratio	a Dros	curo 🗸		
o. resis Ct	,		matic \Box		inal Operatir	_			0 -
	Other _	Exempt L	J Pr	essure	: psi	T	est Temp:		° F

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Remarks (Applicable Manufacturer's Data Reports to be attached):
 Upper Gland - National Board # 1475
 Seal Holder - National Board # 1492

CERTIFICATE OF COMPLIAN	NCE				
We certify that the statements made in the report are correct and this					
rules of the ASME Code, Section XI.	repair or replacement				
Type Code Symbol Stamp N A					
Certificate of Authorization No. NIA					
Signed Ber Engineer Owner or Owner's Designee, Title	Date <u>4 - 16 -</u> , 20 <u>08</u>				
Owner or Owner's Designee, Title					
CERTIFICATE OF INSERVICE INS	DECTION				
CERTIFICATE OF INSERVICE INS	PECITON				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report during the period have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or closs of any kind arising from or connected with this inspection. Commissions Commissions Date National Board, State, Province, and Endorsements Date National Board, State, Province, and Endorsements					

1. Owner:	Amergen Energy	CO., LLC			Date	i kepoi	L NO. KE-11-0	44
	Name			Date: 4/16/2008				
	965 Chesterbroo		PA 19087					
		Address			Shee	et	1 of	1.
2. Plant:	Clinton Power St	ation			Unit			
Z. Platit.	Clinton Power St	Name			UIII	. 1		
	RR3, Box 228, Cl				706:	151	•	
	KK3, BUX 220, CI	Address					zation P.O. No., J	oh No
					•	_	•	
3. Work Pe	erformed by: Clin	ton Power Station	n		Type Code Symbol Stamp: None			
		Name			Authoriz	ation N	lo: Not Applica	able
	RR3, Box 228, C	linton, IL 61727			Expiration	n Date	: Not Applica	ahle
		Address			Expiració	ni Date	Hoe Applice	TOIC
								*
4. Identific	ation of System: N	ISC01					Code Class	2
5(a) Applic	able Construction	Code Pipe:	1974 Ec	lition	S74 A	ddenda	a N/Δ	Code Case
J(d) Applic	able construction	· —	77 Ec		S77 A			
	•	Component:	// [[IICION	5// A	uuenua	a IN/A	Code Case
(b) Applic	able Edition of Sec	ction XI Utilized f	or Repair	s or Re	eplacements	ASME	Sec XI 1989 I	Ed, No Add
(c) Sectio	n XI code Cases u	sed N-416-2				-		
6. Identifica	ation of Componer	nts Repaired or R	eplaced a	and Re	eplacement C	ompon	ents	
Name of	Name of	Manufacturer	National		Other	Year	Repaired	ASME
Component	Manufacturer	Serial Number	Board No	106	entification	Built	Replaced or Replacement	Code Stamped
							· · · · · · · · · · · · · · · · · · ·	
V	Crosby	N99660-00-0001	· N/A	1C	41F029B	83	Replacement	Yes
	,							
							···· ··· ·	
7. Descript	tion: Replaced the	Relief Valve 1C4	11F029B	and po	ortions of line	1SC11	BB-2".	
7. Descript	tion: Replaced the	e Relief Valve 1C4	11F029B	and po	ortions of line	1SC11	BB-2".	·
7. Descript	tion: Replaced the	e Relief Valve 1C4	11F029B	and po	ortions of line	1SC11	.BB-2".	
							_	
7. Descript 8. Tests Co		static Pneur	matic \Box		ninal Operatir	ng Pres	_	· °F

ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

9. Remarks (Applicable Manufacturer's Data Reports to be attached):
Receiving information:
Relif Valve - Cat ID 1389688; UTC 2688482,
Pipe 2" - Cat ID 1145891; UTC 2716388
Flange 2" - Cat ID 1394827; UTC 2716420
Elbow 2" - Cat ID 1145933; UTC 2115600

CERTIFICATE OF COMPLIANCE	•						
We certify that the statements made in the report are correct and this repairules of the ASME Code, Section XI.	conform to the air or replacement						
Type Code Symbol Stamp NJA	<u> </u>						
Certificate of Authorization No. NIA							
Signed Miras Base Engineer Date Owner's Designee, Title	ate <u>4 - 16 -</u> , 20 <u>08</u>						
CERTIFICATE OF INSERVICE INSPEC	CERTIFICATE OF INSERVICE INSPECTION						
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by Hartford Steam Boiler of CT have inspected the components described in this Owner's Report during the period to 4/16/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1 4 1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1							