



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
NRR

Amergen Energy Company, LLC
Clinton Power Station
U-603857
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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 Banji / 5-2-08

Reviewed by: [Signature] / 5/2/08

Approved by: Steve Carey / 5/2/08

Concurred by: [Signature] / 5/2/08

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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-¼ and ½ 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: <u>Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087</u> | |
| 2. Plant: <u>Clinton Power Station, RR3 Box 228, Clinton, IL 61727</u> | |
| 3. Plant Unit: <u>1</u> | 4. Owner Certificate of Authorization: <u>N/A</u> |
| 5. Commercial Service Date: <u>4-24-87</u> | 6. National Board Number for Unit: <u>N/A</u> |

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 Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 4/24/1987 6. National Board Number for Unit N/A
7. Components Inspected

| Component or Appurtenance | Manufacturer or Installer | Manufacturer or Installer Serial No. | State Number | National 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 1B33-F067A | Anchor/Darling Valve Co. | E5834-2-1 E5834-2-1 | N/A | N/A |
| Valve 1E21-F005 | Anchor/Darling Valve Co. | E-6214-6-1 | | |
| Valve 1E22-F005 | Anchor/Darling Valve Co. | E-6214-21-1 | N/A | N/A |
| Valve 1E51-F063 | Anchor/Darling Valve Co. | E-6214-5-1 | N/A | N/A |
| 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 Date N/A

Date 5-2-08 Signed Amergen Energy Co., LLC By Mirza Baip
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by Hartford Steam Boiler of Connecticut have inspected the components described in this owner's report during the period 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.

[Signature] Commissions IC# 1721
Inspector's Signature National Board, state, province, and endorsements

Date 5/2/08

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

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|-----------------------------|-----------|-----------|---------------|------------|--------------------|
| 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-1 | 1 | ACCEPTABLE |
| 008111 | Shroud Vertical Welds (8) | EVT-1 | NA | NA | 1 | 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 | CORES PRAY INT PIPING | UT | EVT-1 | 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 | CH-ME | UT | B1.22 | B-A | 1 | ACCEPTABLE |
| 009350 | CH-MF | UT | B1.22 | B-A | 1 | ACCEPTABLE |
| 009500 | N8 | UT | B3.90 | B-D | 1 | ACCEPTABLE, NOTE 1 |
| 009650 | N8-IRS | UT | B3.100 | B-D | 1 | ACCEPTABLE |
| 101220 | I-MS-ASB-1-FB | VT-1 | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 104440 | I-MS-C-8PR-WA | PT | B10.20 | B-K | 1 | ACCEPTABLE, NOTE 1 |
| 105420 | I-MS-CSD-1-FB | VT-1 | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 105820 | I-MS-CSF-1-FB | VT-1 | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 106680 | I-MS-D-7PR-WA | MT | B10.20 | B-K | 1 | ACCEPTABLE, NOTE 1 |
| 107220 | I-MS-DSB-1-FB | VT-1 | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 112480 | I-FW-2-8 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE |
| 112520 | I-FW-2-6-3 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE |
| 112880 | I-FW-1-3-10 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE |
| 113380 | I-FW-2-3-10 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE |
| 114300 | I-FW-1-1 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE |
| 134980 | I-RR-A-PR-1-WA | PT | B10.20 | B-K | 1 | ACCEPTABLE, NOTE 1 |
| 136440 | I-RR-A-DRW-2-FB | VT-1 | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 151760 | I-HP-5-12 | UT-E | R1.11 | R-A | 1 | 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 Authorization: N/A |
| 5. Commercial Service Date: 4-24-87 |
| 6. National Board Number for Unit: N/A |

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS | |
|------------------|---------------------------------|-----------|-----------|---------------|------------|------------|--------------------|
| 162340 | 1-RH-23-7-2 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 164380 | 1-RH-12-13-3 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 164500 | 1-RH-12-13-2 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 181000 | 1-RI-14-9 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 181020 | 1-RI-14-5-4Q1 | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 181304 | WO803566-4A | UT-E | R1.11 | R-A | 1 | ACCEPTABLE | |
| 181940 | IMC-43A | MT | B10.20 | B-K | 1 | ACCEPTABLE | |
| 230680 | 1B33-F067A | VT-1 | B7.70 | B-G-2 | 1 | ACCEPTABLE | |
| 231040 | 1E22-F005 | VT-1 | B7.70 | B-G-2 | 1 | ACCEPTABLE | |
| 231100 | 1E51-F063 | VT-1 | B7.70 | B-G-2 | 1 | ACCEPTABLE | |
| 250140 | 1B21-F022D | VT-3 | B12.50 | B-M-2 | 1 | ACCEPTABLE | |
| 250960 | 1E21-F005 | VT-3 | B12.50 | B-M-2 | 1 | ACCEPTABLE | |
| 400100 | HEA-3 | MT | UT | C2.21 | C-B | 2 | ACCEPTABLE |
| 400110 | HEA-3 IRS | UT | | C2.22 | C-B | 2 | ACCEPTABLE |
| 400200 | HEA-1 THRU -4-WA | MT | | C3.10 | C-C | 2 | ACCEPTABLE |
| 577360 | 1-RH-21-16 | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 579620 | 1-RH-9-13-5 | UT-E | | R1.20 | R-A | 2 | ACCEPTABLE |
| 579640 | 1-RH-9-13-7 | UT-E | | R1.20 | R-A | 2 | ACCEPTABLE |
| 583420 | 1RH07018V-WA | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 594121 | 1RH07072S-WA | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 598200 | 1RH22001A-WA | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 599360 | 1-RH-21-9A | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 800180 | RHR-A-5 | MT | | C6.10 | C-G | 2 | ACCEPTABLE |
| 801580 | LPCS-5 | MT | | C6.10 | C-G | 2 | ACCEPTABLE |
| 802560 | HPCS-4 | MT | | C6.10 | C-G | 2 | ACCEPTABLE |
| 803300 | RCIC-3 | MT | | C6.10 | C-G | 2 | ACCEPTABLE |
| 803600 | RCIC-1A (1-4) | MT | | C3.30 | C-C | 2 | ACCEPTABLE, NOTE 1 |
| 940750 | 1SX01005X-WA | VT-1 | | D1.20 | D-A | 3 | ACCEPTABLE |
| 941000 | 1SX01017R-WA | VT-1 | | D1.20 | D-A | 3 | ACCEPTABLE |
| 943395 | 1SX24008A-WA | VT-1 | | D1.20 | D-A | 3 | ACCEPTABLE |
| 946670 | 1SX11022X-WA | VT-1 | | D1.20 | D-A | 3 | ACCEPTABLE |
| 950606 | JP RI BR WELDED ATT (50%) | EVT-1 | | B13.20 | B-N-2 | 1 | ACCEPTABLE |
| 950607 | JP RISER WELDS (50%) VARIOUS | EVT-1 | | NA | NA | 1 | ACCEPTABLE |
| 950609 | JP SENSING LINES (50%) | VT-1 | | NA | NA | 1 | ACCEPTABLE |

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1 Notes

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

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

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|---------------------|-----------|-----------|---------------|------------|------------|
| 903755 | IFW02008C | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 906010 | IHP01007A | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 906145 | IHP03003X | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 908040 | ILP02002X | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 912000 | IRH01001C | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 912185 | IRH06004X | 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 | IRH09064X | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 914180 | IRH10003A | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 914789 | IRH07019X | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 917015 | IRH02004V | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 919045 | IRI10009X | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 919050 | IRI10010X | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 920420 | IRI03001V | VT-3 | F1.20 | F-A | 2 | ACCEPTABLE |
| 921500 | RCIC PUMP | VT-3 | F1.40 | F-A | 2 | ACCEPTABLE |
| 922010 | IH301A | VT-3 | F1.40 | F-A | 1 | ACCEPTABLE |
| 922780 | IH354B | VT-3 | F1.10 | F-A | 1 | ACCEPTABLE |
| 940745 | ISX01005X | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 940995 | ISX01017R | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 941810 | ISX02008X | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 942985 | ISX10011R | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 943005 | ISX10012X | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 943390 | ISX24008A | VT-3 | F1.30 | F-A | 3 | ACCEPTABLE |
| 946665 | ISX11022X | 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 Authorization: N/A |
| 5. Commercial Service Date: 4-24-87 | 6. National Board Number for Unit: N/A |

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | 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 | 1RI01007S | 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 | 1 | 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

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|--|
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| 2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727 |
| 3. Plant Uni: 1 |
| 4. Owner Certificate of Authorization: N/A |
| 5. Commercial Service Date: 4-24-87 |
| 6. National Board Number for Unit: N/A |

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|---------------------|-----------|-----------|---------------|------------|-----------------|
| 908450 | 1LP04021S | VT-3/FT | NA | NA | 2 | FT UNACCEPTABLE |
| 909338 | 1RB21596S | VT-3/FT | F1.20 | F-A | 2 | ACCEPTABLE |
| 909332 | 1RB21598S | VT-3/FT | NA | NA | 2 | ACCEPTABLE |
| 913270 | 1RH07003S | VT-3/FT | F1.20 | F-A | 2 | DEGRADED |
| 913280 | 1RH07005S | 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 | 1RH07119S-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

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|---|
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| 2. Plant: Clinton Power Station, RR3 box 228, Clinton, IL 61727 |
| 3. Plant Uni: 1 |
| 4. Owner Certificate of Authorization: N/A |
| 5. Commercial Service Date: 4-24-87 |
| 6. National Board Number for Unit: N/A |

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|---------------------|-----------|-----------|---------------|------------|-----------------|
| 910420 | IMS27001S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 910715 | IMS28007S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 911055 | IMS30002S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 911095 | IMS30010S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 910095 | IMS32005S | VT-3/FT | F1.30 | F-A | 3 | FT UNACCEPTABLE |
| 910115 | IMS32009S | VT-3/FT | F1.30 | F-A | 3 | DEGRADED |
| 910395 | IMS33008S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 910860 | IMS35005S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 911037 | IMS36012S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 909640 | IRH07094S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924025 | IRT06006S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924045 | IRT06009S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924050 | IRT06014S | VT-3/FT | NA | NA | 3 | FT UNACCEPTABLE |
| 924055 | IRT06015S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924060 | IRT06018S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924065 | IRT06022S | VT-3/FT | NA | NA | 3 | DEGRADED |
| 924070 | IRT06026S | VT-3/FT | NA | NA | 3 | FT UNACCEPTABLE |
| 924075 | IRT06029S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924080 | IRT06033S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924085 | IRT06037S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924090 | IRT06040S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924037 | IRT06044S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924040 | IRT06046S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924095 | IRT07006S-N | VT-3/FT | NA | NA | 3 | DEGRADED |
| 924100 | IRT07006S-S | VT-3/FT | NA | NA | 3 | FT UNACCEPTABLE |
| 924105 | IRT07009S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924110 | IRT07014S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924115 | IRT07028S | VT-3/FT | F1.30 | F-A | 3 | ACCEPTABLE |
| 924120 | IRT07032S | VT-3/FT | NA | NA | 3 | FT UNACCEPTABLE |
| 924125 | IRT07036S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924130 | IRT07037S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924135 | IRT07040S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924140 | IRT07042S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924145 | IRT07044S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924150 | IRT07048S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924155 | IRT07049S | VT-3/FT | NA | NA | 3 | ACCEPTABLE |
| 924310 | IRT07052S | 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 Authorization: N/A
 5. Commercial Service Date: 4-24-87 6. National Board Number for Unit: N/A

10. Abstract of Examinations: Listing of Scheduled Examinations.

| REFERENCE NUMBER | ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|---------------------|-----------|-----------|---------------|------------|-----------------|
| 944235 | 1SX09016S | VT-3/FT | FI.30 | F-A | 3 | ACCEPTABLE |
| 945425 | 1SX12010S | VT-3/FT | FI.30 | F-A | 3 | ACCEPTABLE |
| 946280 | 1SX15019S | VT-3/FT | FI.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 | 1RH18006S | VT-3/FT | NA | NA | D | ACCEPTABLE |
| 947560 | 1RH23020S | VT-3/FT | NA | NA | D | ACCEPTABLE |
| 903858 | 1DG02001S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 903868 | 1DG02012S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 903852 | 1DG06010S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949280 | 1VG01005S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949300 | 1VG01021S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949200 | 1VG01023S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949320 | 1VG01036S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949360 | 1VG02024S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949040 | 1VG03016S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949060 | 1VG03025S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949000 | 1VG09001S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949020 | 1VG10012S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949180 | 1VG11029S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949380 | 1VG12002S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949400 | 1VG12005S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949100 | 1VG13055S | VT-3/FT | NA | NA | O | ACCEPTABLE |
| 949160 | 1VG16026S | VT-3/FT | NA | NA | O | 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 |

10. Abstract of Examinations: Listing of Scheduled Examinations.

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

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 4 Notes

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

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 were 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 re-examined 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 fillet 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-¼ and ½ 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.

Type-2 Snubbers:

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 Examination Personnel | 19 | N/A |
| 386HA480 Rev.19 Add. 1 | Certificate of Nondestructive Examination Personnel | Rev. 1 | N/A |
| GE-ADM-1001 | Procedure for Performing Linearity Checks On Ultrasonic Instruments | 4 | N/A |
| GE-ADM-1002 | Procedure for Nondestructive Examination Data Review and Analysis of Recorded Indications | 4 | N/A |
| GE-ADM-1005 | Procedure for Zero Reference and Data Recording for Nondestructive Examinations | 0 | N/A |
| GE-ADM-1025 | Procedure for Training and Qualification of Personnel for GE-NE Specialized NDE Applications | 9 | N/A |
| GE-ADM-1029 | Administrative Instruction for Establishing and Maintaining a Foreign Material Exclusion Area | 2 | N/A |
| GE-ADM-1052 | Operational Guidelines for the Micro-Tomo Ultrasonic Data Acquisition System | 0 | N/A |
| GE-ADM-1057 | Operational Guidelines for the CSI Delivery System | 2 | N/A |
| GE-ADM-1058 | Procedure for Installation and Removal of the CSI (RPV Internal) Core Spray Inspection Tool | 2 | N/A |
| GE-ADM-1059 | Computer Measurements of Digitized Images. | 2 | N/A |
| GE-ADM-1061 | Administrative Procedure for In vessel Inspection (IVVI) GE Proprietary | 0 | N/A |

| 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, Fluorescent) | 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 Fluorescent 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 |

| 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 In-vessel Visual Inspection (IVVI) of BWR 6 RPV Internals | 0 | N/A |
| BPI-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 | Revision Number | 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 / Lvl | PT / Lvl | UT / Lvl | VT-1 / Lvl | VT-2 / Lvl | VT-3 / Lvl |
|-------------------|---------------------|-------------|-------------|-----------|---------------|---------------|---------------|
| Rick Alger | FAC Level II | II-L | II | 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 | II | II | 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 | II | 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 | II - PDI | II | II | II |
| Chris Danson | BOP Level II | II-L | II | II-L | II | II | 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 | III | 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 | III | III | 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 / Lv | PT / Lv | UT / Lv | VT-1 / Lv | VT-2 / Lv | VT-3 / 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 | 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 | I | II | I | I | I |
| Matt Hoyer | CSI Operator | I-T | I-T | II-L | | | |
| Troy Huhe | Manual Level II | II | II | II - PDI | I | I | I |
| Mike Jenniges | SMART Operator | II-L | II | II - 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 | II | II | II | II | II |
| 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 | 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 | II | II | II | II |
| Rudy Paillaman | COE Level III | | | | III | | III |
| Ian Pedersen | FAC Lead | | | II-L | | | |
| Tammy Peters | FAC Level II | I-T | I-T | II-L | | | |
| Alan Phillips | RST Level II | | | | III-L | | III-L |
| Mike Pride | FAC Level II | II | II | II-L | | | |
| Tyler Raymond | SMART Operator | | | I | | | |
| Wally Reid | Turbine Level II | II-L | II | II | II | II | II |
| Kim Robideau | BOP Lead | II | II | | II | II | II |
| Matt Schmaltz | Turbine Level II | II | II | II - PDI | II | II | II |
| Dan Schroeder | RST Level II | | | | II-L | | II-L |
| Tim Scott | Containment Lvl. II | II-L | II | II-L | II | II | II |
| Tony Seng | SMART Level I | | | I-T | | | |

| Name | Job | MT / Lv | PT / Lv | UT / Lv | VT-1 / Lv | VT-2 / Lv | VT-3 / Lv |
|--------------------|---------------------|---------|---------|----------|-----------|-----------|-----------|
| Alan Seymore | FAC Level II | | | II-L | | | |
| John Shea | BOP Lead | II | II | II | II | II | II |
| Mike Siever | RST Level II – Fuel | | | | II-L | | II-L |
| Steve Snyder | ISI Coordinator | II | II | II – PDI | II | II | 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 | | | | II-L | | II-L |
| Jeremy Tuttle | FAC Level II | I | I | II | | | |
| Paul Valden | Snubber Level II | II-L | II | II – PDI | II | II | II |
| Eddie Wall | COE Level III | | | | III-L | | III-L |
| Alvah J. Williams | RST Level II – Fuel | | | | II-L | | II-L |
| Ryan Winney | RST Level II – Fuel | | | | II-L | | II-L |
| Steve Woodyard | Snubber Level II | II | II | II-L | II | II | II |
| Dave Anthony | | III | III | III | III | III | III |
| Bill Burke | | | | | | II | |
| Pat Coyle | | | | | | II | |
| Joe Cummings | | | | | | II | |
| Culp Craig | | | | | | II | |
| Dave Glenn | | | | | | II | |
| Arlton Johnson | | | | | | II | |
| Dan Mahrt | | | | | | II | |
| Craig Procarione | | | | | | II | |
| Primeaux Joe | | | | | | II | |
| Danny Vanfleet | | | | | | II | |
| Charles Clark | | II | II | | III | III | III |
| Dave Szymkiewicz | | | | | | II | |
| Tom Parrent | | | | | | II | |
| Barreras, Manuel | | | | | | | II |
| Hambor, Robert | | | | | | | II |
| Thomas, Norm | | | | | | | II |
| Kilpatrick, Thomas | | | | | | | II |

SECTION 5

LISTING OF EXAMINATION AND TESTING EQUIPMENT

| Automated UT Systems | Thermometer | Transducer |
|----------------------|-------------------------|------------|
| 181863-03 | 257502 | 0106T8 |
| | 257812 | 01CWX3 |
| 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 | 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 | Scope | |
| 207001 | 061487310 | |
| 207004 | 061484509 | |
| 0001357872 | 031536006 | |
| | 031572811 | |
| | | |
| | | |

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 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 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 & nuts |
| 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 & nuts |

SECTION 6

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" |

ATTACHMENT 4
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-001
Date: 9/25/2006
Sheet 1 of 1

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

Unit: 1
676922-01
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NRI01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda Code Case
Component: 1974 Edition S75 Addenda 567, 1622 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, no Addenda

(c) Section XI code Cases used None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | ANCHOR/DARLING | E-6214-143-1 | NA | 1E51F064 | 1979 | Replacement | Yes |

7. Description: Replaced disc

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

Parts Received as follows:

Disc - Cat ID 0001144914 / UTC 0002731471

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

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

Date 9-25, 2006

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 9/25/2006, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature
Date 25 sept, 2006

Commissions IC# 1721

National Board, State, Province, and Endorsements

ATTACHMENT 4
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-007
Date: 4/16/2007
Sheet 1 of 1

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

Unit: 1
793883
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NRD01 Code Class 2

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Section XI 1989 Edition

(c) Section XI code Cases used NONE

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| PP | ILLINOIS POWER | PIPING SYSTEM | NA | NRD01 | 1986 | Replacement | Yes |

7. Description: Replaced 10" Blind Flanges per EC349394.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Cat ID Number 1405262 and UTC Number 2727829.

| CERTIFICATE OF COMPLIANCE | |
|---|---|
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Banip Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>4-16</u> , 20 <u>07</u> |
| CERTIFICATE OF INSERVICE INSPECTION | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>12/2/05</u> to <u>4/17/2007</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>IL#1721</u> |
| Date <u>17 APRIL, 2007</u> | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-008
Date: 4/18/2007
Sheet 1 of 1

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

Unit: 1
794661
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NRH08, NSX04 Code Class 2,3

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1971 Edition S73 Addenda 1567 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Section XI 1989 Edition

(c) Section XI code Cases used N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components

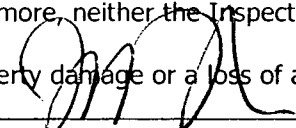
| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| Seal Coole | Byron Jackson | 214921 | N/A | Sl. 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 Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Seal Cooler: Cat ID Number 0001150931; UTC Number 0002104998
Pipe: Cat ID Number 1153243; UTC Number 2115725

| CERTIFICATE OF COMPLIANCE | |
|--|---|
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>NIA</u> |
| Certificate of Authorization No. | <u>NIA</u> |
| Signed <u>Mirza Banj Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>4-20</u> , 2007 |
| CERTIFICATE OF INSERVICE INSPECTION | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>1/30/07</u> to <u>5/3/2007</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
|  Inspector's Signature | Commissions <u>IL#1721</u> National Board, State, Province, and Endorsements |
| Date <u>3 MAY</u> , 20 <u>07</u> | |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-019
Date: 12/11/2007
Sheet 1 of 1

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

Unit: 1
770520-07, 14, & 16
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NRT03 Code Class 1

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

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| Snubber | Pacific Scientific | 11290 | N/A | 1RT01003S | 1985 | Replacement | Yes |
| Snubber | Pacific Scientific | 24424 | N/A | 1RT01035S | 1985 | Replacement | Yes |
| Snubber | Pacific Scientific | 19710 | N/A | 1RT02084S | 1985 | Replacement | Yes |

7. Description: 1RT01003S - Replaced Snubber & Load Pin; 1RT01035S - Replaced Snubber; 1RT02084S - Replaced Snubber.

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

- For 1RT01003S - For Snubber - Cat ID 1151214, UTC # 2108602
For Load Pin - Cat ID 1152581, UTC # 2116868
- For 1RT01035S - For Snubber - Cat ID 1141214, UTC # 2113644
- For 1RT02084S - For Snubber - Cat ID 1151955, UTC # 2110225

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

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

Date 12 - 11, 2007

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 2/8/06 to 12/11/2007, 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.

[Signature]
Inspector's Signature

Commissions IL#1721

National Board, State, Province, and Endorsements

Date _____, 20____

ATTACHMENT 3
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 Report No. RF-11-021
 Name
965 Chesterbrook Blvd., Wayne, PA 19087 Date: 12/13/2007
 Address
 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
 Name
RR3, Box 228, Clinton, IL 61727 770520-05 & 17
 Address Repair Organization P.O. No., Job No.

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

4. Identification of System: NGE02 Code Class 1

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

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| Snubber | E-System | 008E30 | N/A | 1S101B | 1986 | Replacement | Yes |
| Snub | E-System | 004E070 | N/A | 1S101C | 1986 | Replacement | Yes |

7. Description: 1S101B - replaced snubber; 1S101C - replaced load pin.

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

For 1S101B - For snubber Cat ID 1153940 UTC # 2727064

For 1S101C - For load pin Cat ID 1152721 UTC # 2118078

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

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

Date 12-13-, 2007

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 2/6/06 to 12/13/2007, 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.

[Signature]
Inspector's Signature

Commissions IL#1721

Date 13 December, 2007

National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-022
Date: 2/21/2008
Sheet 1 of 1

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

Unit: 1
676923-01
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NMS06 Code Class 1

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Section XI, 1989 Edition

(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | ANCHOR/DARLING | E-6214-156-1 | NA | 1B21F019 | 1979 | Replacement | Yes |

7. Description: Replaced Valve Bonnet

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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 COMPLIANCE | |
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. repair or replacement | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Rafiq Engineer</u> | Date <u>2-21-</u> , 20 <u>08</u> |
| <small>Owner or Owner's Designee, Title</small> | |

| | |
|--|---|
| CERTIFICATE OF INSERVICE INSPECTION | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>5/23/07</u> to <u>2/22/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| <u>[Signature]</u> Inspector's Signature | Commissions <u>IC# 1721</u> |
| Date <u>22 FEBRUARY</u> , 20 <u>08</u> | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-023
Date: 2/22/2008
Sheet 1 of 1

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

Unit: 1
2647
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NFW01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Case
Component: 1974 Edition S75 Addenda see remark Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Section XI, 1989 Edition

(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | ANCHOR/DARLING | E-6214-157-1 | NA | 1B21F032A | 1979 | Replacement | Yes |

7. Description: Replaced Valve Cover Studs and Nuts.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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 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 the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

Signed Mirza Bomp Engineer Date 2-22-, 2008
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 11/26/01 to 2/22/2008, 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.

Inspector's Signature [Signature] Commissions IC# 1721
Date 22 FEBRUARY, 2008 National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-024
Date: 3/5/2008
Sheet 1 of 1

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

Unit: 1
618967
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NRH01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda Code Case
Component: 1977 Edition S1977 Addenda 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 N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | Dresser Industries | N99652 | N/A | 1E12F036 | 1983 | Replacement | Yes |

7. Description: Replaced relief valve.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Cat ID # 1389487; UTC # 2705825

| | |
|--|---------------------------------|
| CERTIFICATE OF COMPLIANCE | |
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp <u>NIA</u> | |
| Certificate of Authorization No. <u>NIA</u> | |
| Signed <u>Mirza Bani Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>3-5-</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 <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>6/5/07</u> to <u>3/5/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> Date <u>6 MARCH</u> , 20 <u>08</u> | Commissions <u>IC # 1721</u> National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-025
Date: 3/7/2008
Sheet 1 of 1

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

Unit: 1
951348
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160539 | 44 | 1B21F041A | 1978 | Replaced | Yes |

7. Description: Replaced Safety relief Valve and outlet boltings (2).

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Boltings - Cat ID - 1145888 UTC 2684460.

| | |
|--|---------------------------------|
| CERTIFICATE OF COMPLIANCE | |
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Bomp Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>3-7-</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 <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>5/11/07</u> to <u>3/7/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> Date <u>MARCH 10</u> , 20 <u>08</u> | Commissions <u>IL#1721</u> National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-026
Date: 3/7/2008
Sheet 1 of 1

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

Unit: 1
951351
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160787 | 55 | 1B21F041B | 1978 | Replaced | Yes |

7. Description: Replaced Safety Relief Valve and outlet flange bolting.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
5 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 the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

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

Date 3-19-, 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 Boiler of CT have inspected the components described in this Owner's Report during the period 5/11/07 to 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.

Inspector's Signature

Date 31 MARCH, 2008

Commissions IL #1721

National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-027
Date: 3/7/2008
Sheet 1 of 1

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

Unit: 1
772160
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S75 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160940 | 54 | 1B21F041C | 1978 | Replaced | Yes |

7. Description: Replaced Safety Relief Valve and inlet and outlat flange studs.

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

- 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 COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Bani Engineer 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 5/7/07 have inspected the components described in this Owner's Report during the period 5/7/07 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.

Inspector's Signature [Signature] Commissions IL#1721
Date 14 MARCH, 2008 National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-028
Date: 3/12/2008
Sheet 1 of 1

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

Unit: 1
951353
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160535 | 40 | 1B21F041L | 1978 | Replaced | Yes |

7. Description: Replaced Safety relief Valve and Studs & Nuts.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Inlet Nut - Cat ID - 1406870 UTC # 2784266 (1 each)
Outlet Studs - Cat ID 1145888 UTC #s 2728985 (4 each) & 2684456 (1 each)

| CERTIFICATE OF COMPLIANCE | |
|---|-------------------------|
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Banji Engineer</u> | Date <u>3-12-, 2008</u> |
| <small>Owner or Owner's Designee, Title</small> | |

| CERTIFICATE OF INSERVICE INSPECTION | |
|--|---|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>5/11/07</u> to <u>3/14/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>IC#1721</u> |
| Date <u>14 MARCH, 2008</u> | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-029
Date: 3/12/2008
Sheet 1 of 1

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

Unit: 1
951356
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME 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
Other Exempt Pressure: psi Test 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):
Outlet Studs - Cat ID - 1145888 UTC #s 2684456 (2 each) & 2684460 (4 each).

| CERTIFICATE OF COMPLIANCE | |
|--|---|
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>NSA</u> |
| Certificate of Authorization No. | <u>NSA</u> |
| Signed <u>Mirza Belp Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>3-12-</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 <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>5/11/07</u> to <u>3/12/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>IC# 1721</u> |
| Date <u>14 MARCH, 2008</u> | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-030
Date: 3/12/2008
Sheet 1 of 1

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

Unit: 1
951837
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160786 | 53 | 1B21F051C | 1978 | Replaced | Yes |

7. Description: Replaced Safety Relief Valve and Studs and Nute.

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

Inlet Nut - Cat ID - 1406870 UTC # 2784266 (1 each)

Outlet Studs - Cat ID - 1145888 UTC # 2684460 (8 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. repair or replacement

Type Code Symbol Stamp NJA

Certificate of Authorization No. NIA

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

Date 3-12-, 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 Boiler of CT have inspected the components described in this Owner's Report during the period 5/11/07 to 3/12/2008, 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.

Inspector's Signature

Date 14 MARCH, 2008

Commissions IC# 1721
National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-031
Date: 3/12/2008
Sheet 1 of 1

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

Unit: 1
772185
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160794 | 59 | 1B21F051G | 1978 | Replaced | Yes |

7. Description: Replaced Safety Relief Valve and Studs and Nuts.

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

- 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. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed Mirza Banji Engineer Date 3-12-, 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 5/9/07 to 3/14/2008, have inspected the components described in this Owner's Report during the period 5/9/07 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.

Inspector's Signature [Signature] Commissions I #1721
Date 14 MARCH, 2008 National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-032
Date: 3/12/2008
Sheet 1 of 1

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

Unit: 1
772212
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 1974 Edition S76 Addenda 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | DIKKERS | 160784 | 56 | 1B21F051B | 1978 | Replaced | Yes |

7. Description: Replaced Safety Relief Valve and Studs and Nuts.

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

- Inlet Studs - Cat ID 1145887 UTC #s 2111755 (3 each) & 2728986 (9 each)
- Inlet Nuts - Cat ID 1406870 UTC # 2784266 (12 each)
- Outlet 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. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

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

Date 3-12-, 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 Boiler of CT 5/14/07 to 3/14/2008, have inspected the components described in this Owner's Report during the period 5/14/07 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.

Inspector's Signature [Signature]

Commissions IL#1721

Date 14 MARCH, 2008

National Board, State, Province, and Endorsements

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-033
Date: 3/14/2008
Sheet 1 of 1

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

Unit: 1
8-1
9291801 thru 17 MMS
Repair Organization P.O. No., Job No. 3-14-08

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

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

4. Identification of System: NGE01 Code Class 1

5(a) Applicable Construction Code Pipe: N/A Edition N/A Addenda N/A Code Case
Component: 71 Edition S73 Addenda ae Remarks 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 N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| T | CB&I | Various | Various | 1B13D008 | 1978 | Replaced | Yes |

7. Description: Replaced seventeen (17) Control Rod Mechanisms (CRDM's)

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
Code Cases for construction code - 1141, 1332, 1361-2, 1557-1, N207.
See Continuation sheet for material procurement data.

| | |
|--|----------------------------------|
| CERTIFICATE OF COMPLIANCE | |
| We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Harza Bani Engineer</u> | Date <u>3-14-</u> , 20 <u>08</u> |
| <small>Owner or Owner's Designee, Title</small> | |

| | |
|--|---|
| CERTIFICATE OF INSERVICE INSPECTION | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>5/30/07</u> to <u>3/18/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>LC#1721</u> |
| Date <u>18 MARCH</u> , 20 <u>08</u> | National Board, State, Province, 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 ID-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 |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-034
Date: 3/25/2008
Sheet 1 of 1

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

Unit: 1
910943-11
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: IWE/IWL Code Class MC

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Ed 1992 Addenda

(c) Section XI code Cases used N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| Vessel | Chic, Bridge & Iron | N/A | N/A | Drywell | 1977 | Replaced | No |

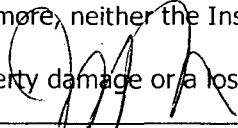
7. Description: Replaced twenty (20) Drywell head Eyebolts and fifty eight (58) Drywell head Nuts.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Exempt Pressure: psi Test 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):
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 correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Bani Engineer</u> | Date <u>3-25</u> , 20 <u>08</u> |
| <small>Owner or Owner's Designee, Title</small> | |

| | |
|---|---|
| CERTIFICATE OF INSERVICE INSPECTION | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period of <u>5/22/07</u> to <u>3/25/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
|  Inspector's Signature | Commissions <u>IC#1721</u> |
| Date <u>31 March</u> , 20 <u>08</u> | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
 Name
965 Chesterbrook Blvd., Wayne, PA 19087
 Address

Data Report No. RF-11-035
 Date: 3/31/2008
 Sheet 1 of 1

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

Unit: 1
2667
 Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NGE02 Code Class 1

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

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | ATWOOD & MORRILL | 5-562 | NA | 1B21F028A | 1976 | Repaired | Yes |

7. Description: Repaired Poppet by welding.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Exempt Pressure: psi Test 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):
N/A

| CERTIFICATE OF COMPLIANCE | |
|---|---|
| We certify that the statements made in the report are correct and this <u>Repair</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Banj Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>3-31-</u> , 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 <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period of <u>2/11/02</u> to <u>3/31/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>IA1721</u> |
| Date <u>17 APRIL</u> , 2008 | National Board, State, Province, and Endorsements |

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-036
Date: 3/31/2008
Sheet 1 of 1

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

Unit: 1
706218
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NSC01 Code Class 1

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements ASME Sec XI 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | CONAX CORPORATION | 70 | N/A | 1C41F004B | 76 | Replaced | Yes |
| | | | | | | | No |

7. Description: Replace Trigger Assembly of Standby Liquid Control (SLC) valve,1C41F004B, after firing.

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

Code replacement Parts Receipt 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

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

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

Date 3-31-, 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 Boiler of CT have inspected the components described in this Owner's Report during the period 5/24/07 to 4/1/2008, 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.

Inspector's Signature

Date 1 APRIL, 2008

Commissions IL#1721

National Board, State, Province, and Endorsements

ATTACHMENT 3
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 Report No. RF-11-041
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address Date: 4/8/2008
 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
Name
RR3, Box 228, Clinton, IL 61727
Address 676052
Repair Organization P.O. No., Job No.

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

4. Identification of System: NSC01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
 Component: 1977 Edition W77 Addenda 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 N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | YARWAY | 94BKG | NA | 1C41F033B | 1982 | Replaced | Yes |

7. Description: Replaced the check valve.

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

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 <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> |
| Type Code Symbol Stamp <u>NIA</u> |
| Certificate of Authorization No. <u>NIA</u> |
| Signed <u>Mirza Banip Engineer</u> Date <u>4-8</u> , 2008 <small>Owner or Owner's Designee, Title</small> |

| |
|--|
| CERTIFICATE OF INSERVICE INSPECTION |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period <u>8/15/05</u> to <u>4/9/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. |
| Inspector's Signature <u>[Signature]</u> Commissions <u>IL#1721</u> Date <u>4/14</u> , 2008 National Board, State, Province, and Endorsements |

ATTACHMENT 3
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 Report No. RF-11-042
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address Date: 4/9/2008
 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
Name
RR3, Box 228, Clinton, IL 61727
Address 502169
Repair Organization P.O. No., Job No.

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

4. Identification of System: NRH03 Code Class 2

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

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | ANCHOR/DARLING | E-6214-123-1 | NA | 1E12F050B | 1979 | Replacement | Yes |

7. Description: Modified Valve Shaft Assembly and Hing Pin Cover Assembly per EC 339008.

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

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

Receiving information:

Bonnet Cover - Cat ID 1395171; UTC 2727794

Bonnet Cover Bolt - Cat ID 1395216; UTC 2687743

Hing Pin Cover - Cat ID 1395171; UTC 2727794

Hing Pin Cover Studs - Cat ID 1151829; UTC 2112217

Hing Pin Cover Studs - Cat ID 1396489; UTC 2723839

Hing Pin Cover Nuts - Cat ID 1145422; UTC 2115663

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

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

Date 4-10-, 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 Boiler of CT have inspected the components described in this Owner's Report during the period of 1/26/04 to 4/10/2008, 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.

[Signature] Commissions IL#1721

Inspector's Signature
Date 16 APRIL, 2008

National Board, State, Province, and Endorsements

ATTACHMENT 3
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 Report No. RF-11-043
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address Date: 4/16/2008
 Sheet 1 of 1

2. Plant: Clinton Power Station Unit: 1
Name
RR3, Box 228, Clinton, IL 61727 798333
Address Repair Organization P.O. No., Job No.

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

4. Identification of System: NGE01 Code Class 1

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda NONE Code Case
 Component: 1971 Edition W73 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 | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| P | BINGHAM/WILLAMETTE | 14217101 | NB-394 | 1B33C001A | 1977 | Replacement | Yes |

7. Description: Replaced Pump Seal Assembly includes Upper Gland and Seal Holder.

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

Upper Gland - National Board # 1475
Seal Holder - National Board # 1492

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NIA

Certificate of Authorization No. NIA

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

Date 4-16-, 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 Boiler of CT have inspected the components described in this Owner's Report during the period of 9/30/05 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.

Inspector's Signature

Commissions IL # 1721

National Board, State, Province, and Endorsements

Date 17 APRIL, 2008

ATTACHMENT 3
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
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-11-044
Date: 4/16/2008
Sheet 1 of 1

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

Unit: 1
706151
Repair Organization P.O. No., Job No.

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

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

4. Identification of System: NSC01 Code Class 2

5(a) Applicable Construction Code Pipe: 1974 Edition S74 Addenda N/A Code Case
Component: 77 Edition S77 Addenda 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 N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped |
|-------------------|----------------------|----------------------------|-------------------|----------------------|------------|----------------------------------|-------------------|
| V | Crosby | N99660-00-0001 | N/A | 1C41F029B | 83 | Replacement | Yes |

7. Description: Replaced the Relief Valve 1C41F029B and portions of line 1SC11BB-2".

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

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 <u>Replacement</u> conform to the rules of the ASME Code, Section XI. <small>repair or replacement</small> | |
| Type Code Symbol Stamp | <u>N/A</u> |
| Certificate of Authorization No. | <u>N/A</u> |
| Signed <u>Mirza Bani Engineer</u> <small>Owner or Owner's Designee, Title</small> | Date <u>4-16-</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 <u>Illinois</u> and employed by <u>Hartford Steam Boiler</u> of <u>CT</u> have inspected the components described in this Owner's Report during the period of <u>7/11/05</u> to <u>4/16/2008</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| Inspector's Signature <u>[Signature]</u> | Commissions <u>IC#1721</u> |
| Date <u>18 APRIL</u> , 20 <u>08</u> | National Board, State, Province, and Endorsements |