

AmerGen

An Exelon Company

INSERVICE INSPECTION SUMMARY REPORT

REPORT DATE: May 14, 2004

INSERVICE DATE: April 24, 1987

REFUELING OUTAGE: C1R09

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



An Exelon Company

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

10 CFR 50.55a(g)

U-603676
May 27, 2004

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

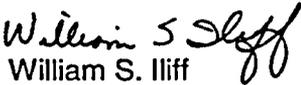
Subject: 90-Day Post-Outage Inservice Inspection (ISI) Summary Report

In accordance with 10 CFR 50.55a, "Codes and standards," paragraph (g), "Inservice inspection requirements," AmerGen Energy Company (AmerGen), LLC is required to maintain an Inservice Inspection Program in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. Please find enclosed the Post-Outage (90-Day) ISI Summary Report for Clinton Power Station for examinations and repair/replacement activities performed between May 7, 2002 (i.e., the Spring 2002 refueling outage) and February 27, 2004 (i.e., the end of the most recent refueling outage).

This report is submitted in accordance with the requirements of ASME Section XI, Article IWA-6200, Paragraph IWA-6230. This refueling outage was the first outage scheduled of the second inspection period of the second inspection interval. The second inspection interval is from January 1, 2000 to December 31, 2009.

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

Respectfully,


William S. Iliff
Regulatory Assurance Manager
Clinton Power Station

JLP/blf

A047

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

INSERVICE INSPECTION
SUMMARY REPORT

C1R09

Prepared by: Mirza Benji | 5-14-04
P. A. Kahr | 5/26/04
_____ | _____

Reviewed by: Jim D. [Signature] | 5/26/04
Approved by: A. D. Welch | 5/27/04
Concurred by: M. [Signature] | 5/27/04

TABLE OF CONTENTS

| <u>TITLE</u> | <u>SECTION</u> |
|--|----------------|
| APPROVALS | |
| TABLE OF CONTENTS | |
| INTRODUCTION AND SCOPE..... | 1 |
| NIS-1 CODE DATA REPORT..... | 2 |
| ° ABSTRACT OF EXAMINATIONS | |
| LISTING OF EXAMINATION AND TESTING PROCEDURES..... | 3 |
| LISTING OF EXAMINATION AND TESTING PERSONNEL..... | 4 |
| LISTING OF EQUIPMENT AND MATERIALS..... | 5 |
| REPAIR AND REPLACEMENT..... | 6 |
| ° LISTING OF REPAIRS/REPLACEMENTS PERFORMED | |
| ° NIS-2 DATA REPORTS | |

SECTION 1

INTRODUCTION AND SCOPE

INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between May 8, 2002 and February 25, 2004. This is the first inspection performed during the second inspection period of the second ten (10)-year interval. During this Fuel Cycle, CPS experienced four forced outages (C1F37, C1F38, C1F39, and C1F40) and two planned outages (C1M13 and C1R09). 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 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 main steam safety relief valves and various flange boltings. Also, preservice examinations were performed on two (2) piping welds as a result of modification to the RCIC system during C1R09.
- **Scheduled Inservice Examinations** – The NIS-1 Data Report (Section 2) provides the listing of all examinations completed during C1R09. Conditions noted during C1R09 and corrective measures taken are described in the NIS-1 Data Report.

- **Snubbers** – There were 579 snubbers in the ISI Program required by CPS Operational Requirements Manual (ORM). A representative sample of 59 snubbers (10% of each Type) was selected for functional testing. Two (2) snubbers which were identified in C1R08 as degraded were also tested for Service Life Monitoring program. As a result of two (2) snubber failures, additional snubbers were selected for testing. Overall, there were nine (9) snubbers identified as not meeting the functional test acceptance criteria. A total of one hundred and sixteen (116) snubbers were tested to meet the CPS ORM requirements. Attachment 2 discusses the details of failure analysis and corrective action taken to address these failures. CPS implemented 4 modifications (MSF012, 341501, 341503, and 341504) eight (8) snubbers (1MS46001S, 1MS48003S, 1MS48005S, 1MS10602S, 1RT28006S, 1RT28007S, 1RT31004S, and 1RT46001S) were removed permanently from the program. The snubbers population after the C1R09 is now 571.
- **Component Supports** – Thirty one (31) component supports (other than snubbers) and five (5) Class 3 integral attachments were scheduled for visual examination for C1R09. 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 C1R09 no repairs and replacements were required as a result of scheduled examinations. Also during C1R09, 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 Autherization: <u>N/A</u> |
| 5. Commercial Service Date: <u>4-24-87</u> | 6. National Board Number for Unit: <u>N/A</u> |

10. Abstract of Examination:

Listing of Examinations:

Table 1 lists scheduled examinations of components for C1R09. 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 those items added to the C1R09 scope for various reasons and examined. These items require no further evaluation and are identified as acceptable.

Table 3 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 4 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 5 lists scheduled pressure tests. The results column in the table provides further explanation for these tests.

Current Interval Status:

Currently CPS is in the Second Period of the Second Interval. CPS had two (2) refueling outages, C1R07 and C1R08 during the First Period. CPS will have two (2) refueling outages, C1R09 and C1R010, during the Second Period. CPS possibly will have one (1) refueling outage, C1R011, 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 (C1R011) one (1) item was identified as requiring relief from NRC. This item is identified as
1-MS-A-7PR-WA.

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 |
| Recirculation Pump 1B33-C001B | Bingham Willamette Co. | 14217102 | N/A | NB-395 |
| 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 1E51-C001 | Bingham Willamette Co. | 16210287 | N/A | NB550 |
| Valve 1B21-F011A | Anchor/Darling Valve Co. | E-6214-154-1 | N/A | N/A |
| Valve 1B21-F028A | Atwood & Morrill Co. | 5-562 | N/A | N/A |
| Valve 1E21-F007 | Anchor/Darling Valve Co. | E-6214-7-1 | 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 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 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. |
|---------------------------|---------------------------|--------------------------------------|--------------|--------------------|
| Valve 1B21-F028D | Atwood & Morrill Co. | 8-562 | N/A | N/A |
| Valve 1E12-F009 | Anchor/Darling Valve Co. | E-6214-122-1 | N/A | N/A |
| Valve 1E12-F041A | Anchor/Darling Valve Co. | E-6214-20-1 | N/A | N/A |
| Valve 1E21-F006 | Anchor/Darling Valve Co. | E-6214-19-1 | N/A | N/A |
| Valve 1E51-F063 | Anchor/Darling Valve Co. | E-6214-5-1 | N/A | N/A |
| Valve 1G33F001 | Anchor/Darling Valve Co. | E-6214-4-1 | N/A | N/A |

FORM NIS-1 (Back)

8. Examination Dates 05/08/02 to 02/25/04 9. Inspection Interval from 01/01/00 to 12/31/09

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 5-14-04 Signed Amergen Energy Co., LLC By Mirza Banip
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 05/08/02 to 02/25/04, 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.

M. J. L. Commissions NB 10989A IL 1721
Inspector's Signature National Board, state, province, and endorsements

Date 27 MAY 2004

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 | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------|-----------------------------------|-----------|-----------|-----------|---------------|------------|-----------------------|
| 008100 | VESSEL INTERIOR | VT-3 | | B13.10 | B-N-1 | 1 | ACCEPTABLE |
| 008249 | STEAM DRYR (TOP 1/2) | VT-3 | | N/A | N/A | 1 | ACCEPTABLE |
| 008250 | STEAM DRYR (BOT 1/2) | VT-3 | | N/A | N/A | 1 | SEE NOTE 1 & 2 |
| 008252 | SHROUD SUP ACC HOLE | VT-3 | | N/A | N/A | 1 | ACCEPTABLE |
| 008253 | STEAM SEP (1/2) | VT-3 | | N/A | N/A | 1 | SEE NOTE 3 |
| 008451 | CORESPRAY INT PIPING | UT | EVT-1 | N/A | N/A | 1 | SEE NOTE 4 |
| 008455 | STM DRYR SUP BRCKTS | EVT-1 | | B13.21 | B-N-2 | 1 | ACCEPTABLE SEE NOTE 5 |
| 008555 | RPV SP BRCKT ATT. | VT-1 | | B13.20 | B-N-2 | 1 | ACCEPTABLE SEE NOTE 6 |
| 008650 | CORE SUP STRUC. ONLY TOP GUIDE | VT-3 | | B13.22 | B-N-2 | 1 | ACCEPTABLE |
| 008651 | IH9 | UT | | N/A | N/A | 1 | ACCEPTABLE |
| 008711 | CORE SPRAY SPARGRS | EVT-1 | | N/A | N/A | 1 | ACCEPTABLE |
| 008712 | IRM/SRM (8) | VT-1 | | N/A | N/A | 1 | ACCEPTABLE SEE NOTE 7 |
| 009200 | CH-MC | UT | | B1.22 | B-A | 1 | ACCEPTABLE |
| 009250 | CH-MD | UT | | B1.22 | B-A | 1 | ACCEPTABLE |
| 100260 | 1-MS-A-4/1-RI-04A | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 100680 | 1-MS-A-7PR-WA | PT | | B10.10 | B-K-1 | 1 | ACCEPTABLE SEE NOTE 8 |
| 103020 | 1-MS-BSC-1-FB | VT-1 | | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 106540 | 1-MS-D-6/DSC | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 111700 | 1-FW-1-6Q1 | UT-E | | R1.11 | R-A | 1 | ACCEPTABLE |
| 112460 | 1-FW-2-5-3 | UT-E | | R1.11 | R-A | 1 | ACCEPTABLE |
| 112840 | 1-FW-1-3-8 | UT-E | | R1.11 | R-A | 1 | ACCEPTABLE |
| 135200 | 1-RR-A-7/IRT01EB-4" | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 135400 | 1-RR-A-10/DRW | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 137240 | 1-RR-B-9/CRW | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 151060 | 1-HP-5-2-2 | UT-E | | R1.20 | R-A | 1 | ACCEPTABLE |
| 180240 | 1-RI-13-8 | UT-E | | R1.11 | R-A | 1 | ACCEPTABLE |
| 180260 | 1-MC-42-A | MT | | B10.10 | B-K-1 | 1 | ACCEPTABLE |
| 180960 | 1-RI-14-4-2FB | VT-1 | | B7.50 | B-G-2 | 1 | ACCEPTABLE |
| 181040 | 1-RI-14-5-3Q1 | UT-E | | R1.11 | R-A | 1 | ACCEPTABLE |
| 230040 | 1B21-F011A | VT-1 | | B7.70 | B-G-2 | 1 | ACCEPTABLE |
| 230160 | 1B21-F028A | VT-1 | | B7.70 | B-G-2 | 1 | ACCEPTABLE |
| 231000 | 1E21-F007 | VT-1 | | B7.70 | B-G-2 | 1 | ACCEPTABLE |
| 560565 | 1-HP03009RWA | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 576760 | 1-RH-17-16 | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 582980 | 1-RH-09013R-WA | MT | | C3.20 | C-C | 2 | ACCEPTABLE |
| 594940 | 1-RH-14-13-2 | UT-E | | R1.11 | R-A | 2 | ACCEPTABLE |
| 594960 | 1-RH-14-23 | UT-E | | R1.11 | R-A | 2 | 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 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:

Steam Dryer – The existing crack on the steam dryer channel #8 to the skirt was examined and determined that it has grown 1 1/8 inches in one cycle. This is not an ASME Section XI item. See attachment 2 for further discussion.

Note 2:

Steam Dryer -- The steam dryer was examined per GE SIL # 644, Supplement 1. During this examination of the dryer's lower guide at zero degrees, it was observed that the lower left horizontal stiffener was found with mechanical deformation. This is not an ASME Section XI item. See attachment 2 for further details.

Note 3:

Steam Separator – During the separator examination of the lower guide at zero degrees, it was observed that the lower left outside corners were found with mechanical deformation. This is not an ASME Section XI item. See attachment 2 for further details.

Note 4:

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 5:

Steam Dryer Support Bracket – Several of the brackets appear to have Contact mark and some do not have any contact marks with the steam dryer. This is not an ASME Section XI item. See attachment 2 for further discussion.

Note 6:

Surveillance Specimen Brackets @ 003 and 177 degrees – During the examination of the surveillance specimen brackets @ 003 and 177 degrees, both lower tack welds on the attachment bracket were observed to be cracked. This is located outside the Section XI examination boundary. See attachment 2 for further details.

Note 7:

IRM/SRM – The dry tubes (IRM/SRM) were examined per GE SIL: 409. During this examination dry tube 38-35, SRM 'D', linear indications were noted above the tube to primary pressure boundary fillet weld, on the non-pressure boundary side. The indications have both horizontal and vertical components. This is not an ASME Section XI item. See attachment 2 for details.

Note 8:

1-MS-A-7PR-WA (Reference Number 100680) -- Portions of weld 1-MS-A-7PR-WA were not examined due to interference with the component support (main steam guide support). A relief request will be submitted to request relief from examining 100% of the examination volume. This relief request will include all four (4) main steam guide supports, one on each of the four (4) main steam piping lines.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 5

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

10. Abstract of Examinations: Listing of Scheduled Pressure Tests

| ITEM IDENTIFICATION | EXAM TYPE | CODE ITEM | CODE CATEGORY | CODE CLASS | RESULTS |
|------------------------|-----------|-----------------|---------------|------------|------------------------|
| ALL CLASS 1 COMPONENTS | VT-2 | B15.10,50,60,70 | B-P | 1 | ACCEPTABLE, SEE NOTE 1 |

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 5 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:

Steam Dryer –

Clinton Power station has examined the steam dryer in accordance with General Electric SIL Numbers 474 and 644, Supplement 1. During C1R01 in 1989 a crack was identified in the drain channel number 8 to the skirt. The length of the crack was 7 5/8 inches. Clinton Power Station evaluated this crack for continued operation and has since been monitoring for additional crack growth. During C1R08 in 2002 the crack length was same 7 5/8 inches. The steam dryer is not addressed in ASME Section XI.

Condition Noted – During C1R09 inspection of this crack revealed that it had grown 1 1/8 inches in one cycle.

Corrective Measures – Clinton Power station repaired this crack in C1R09 by performing under water welding.

Also, during C1R09 it was observed that the lower left stiffener has mechanical deformation. Clinton Power Station performed an engineering evaluation and concluded that the stiffener still performs its intended function. There are no visible cracks in the base material or the attachment welds.

Steam Separator –

Condition Noted – During C1R09 examination of the separator's lower guide at zero degrees, it was observed that the left outside corners have mechanical deformation.

Corrective Measures – Clinton Power Station has evaluated this deformation and justified continued operation. There are no apparent cracks or missing pieces.

Core Spray Internal Piping –

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

Condition Noted -- Indications were identified on three (3) of these welds, BP2, CP2, and DP2. Two (2) of these welds, BP2 and CP2, have indications previously identified in C1R07 (2000) and continued operation was justified.

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 to demonstrate the structural integrity of the internal piping for continued operation for two (2) cycles.

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

Steam Dryer Support Brackets –

Condition noted – During C1R09 outage examination of the steam dryer support brackets, some of the brackets appear to have contact marks and some do not have any contact marks with the steam dryer.

Corrective Measures -- Clinton Power Station has evaluated this and justified continued operation. There are no apparent cracks or missing pieces.

RPV Surveillance Specimen Brackets –

Condition Noted – During the C1R09 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.

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

SRM 'D' –

Condition Noted – During the C1R09 outage examination of SRM 'D' per GE SIL 409, linear indications were noted above the tube to Primary Pressure Boundary fillet weld, on the non-pressure boundary side. The indications have both horizontal and vertical components.

Corrective Measures – Clinton Power Station has evaluated this and justified continued operation for at least one cycle.

Snubbers Functional testing –

An initial sample (10% of each type) of fifty-nine (59) snubbers was selected from the population of 579 snubbers. During the performance of initial sample testing, three (3) snubbers (two type 1 and one type 2) failed to meet the acceptance criteria. Type 1 snubbers consist of PSA-1/4 and PSA-1/2 and type 2 snubbers consist of PSA-1, PSA-3, and PSA-10.

- An additional ten (10) type 1 snubbers were selected for functional testing. More snubbers failed to meet the acceptance criteria and additional snubbers, 5% for each failure, were selected for testing. In total thirty-nine (39) additional type 1 snubbers were selected for testing.
- An additional sixteen (16) type 2 snubbers were selected for testing. No failures occurred in this additional sample.

Overall, there were one hundred and sixteen (116) snubbers tested during C1R09.

Type 1 Snubbers –

A representative sample of ten (10) type 1 snubbers was selected for functional testing during C1R09. Two (2) snubbers failed to meet the acceptance criteria (1MS38093S and 1RB21596S). Two condition reports (Issue Reports 201408 and 200369) were initiated to address these failures. These two snubbers were disassembled for evaluation. The following identified the results of the evaluation:

- 1MS38093S – The evaluation identified that grease in the snubber had hardened and the rods of the guide rod and bearing assembly were bent.
- 1RB21596S – The evaluation identified that the shaft of the torque carrier and shaft assembly was bent.

Ten (10) snubbers (5% for each failure or 5 for each failure) were selected for testing. Three (3) snubbers (1MS10705S, 1MS10909S, and 1MS38028S) failed the acceptance criteria. A condition report (Issue Report 201819) was initiated to address the issue. These failed snubbers were disassembled and evaluated as follows:

All three snubbers – The evaluation identified evidence of water and heavy corrosion throughout the snubbers. This condition is similar to the condition caused by operation in a harsh environment (high temperature and humidity). These snubbers are located in the Aux. Steam Tunnel.

Based on this evaluation, CPS concluded that all type 1 snubbers located in the Aux. Steam Tunnel were potentially degraded and the remaining type 1 snubbers located in the Aux. Steam tunnel should be functionally tested. The following snubbers were the remaining type 1 snubbers located in the Aux. Steam Tunnel at the time of testing:

- 1MS10907S
- 1MS10910S
- 1MS38005S
- 1MS38027S
- 1MS38072S
- 1MS38094S
- 1MS38096S
- 1MS46001S
- 1MS48003S

These nine (9) snubbers were tested for extent of condition/condition monitoring purpose. This testing was in addition to the sample expansion criteria.

All of the above snubbers, except one (1), passed the testing criteria. One (1) snubber, 1MS10910S, was found locked up and was not tested. A condition report (Issue Report # 202192) was initiated to address this issue. This snubber, 1MS10910S, was disassembled for evaluation. The results are as follows:

- 1MS10910S – The evaluation identified that the bearing socket on the housing end of the carrier and shaft assembly was worn and the guide rods of the rod and bearing assembly exhibit wear marks.

No additional snubbers were selected due to the fact that the above snubbers were selected in addition to the expanded samples and for trending/life history purpose.

In addition to the nine (9) snubbers selected for trending purposes, fifteen (15) more type 1 snubbers (5 for each failure) were selected for testing. These snubbers were selected from other locations (other than Aux. Steam Tunnel). One snubber (1RB24575S) out of these fifteen (15) failed to meet the acceptance criteria. A condition report (Issue Report # 201885) was initiated to address the issue. This snubber, 1RB24575S, was disassembled for evaluation. The following identified the results of the evaluation:

- 1RB24575S – The evaluation identified that the guide rods of the rod and bearing assembly were bent.

Five (5) more type 1 snubbers were selected for testing. These five (5) snubbers selected for testing are not located in the Aux. Steam tunnel. All five (5) passed the testing criteria.

Two (2) snubbers, 1MS10808S and 1RI18002S, were identified in C1R08 as degraded and included in the C1R09 testing program for trending purposes. One (1) (1MS10808S) of these two (2) snubbers failed to meet the acceptance criteria. A condition report (Issue Report 199563) was initiated to address this issue. This snubber was disassembled for evaluation. The results were:

- 1MS10808S – The evaluation identified that the bearing socket of the torque carrier and shaft assembly on the housing end was damaged. There was grease on the capstan and capstan spring, while the amount of grease did not appear to be excessive, it may have been sufficient to cause the high activation rates. This condition is similar to conditions caused by harsh environment. This snubber is also located in the Aux. Steam Tunnel.

In summary, fifty-one (51) type 1 snubbers were removed from various systems for testing purposes; this included all type 1 snubbers from the Aux. Steam Tunnel building. There were a total eight (8) snubbers that failed the acceptance criteria.

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) 347493.

Type 2 Snubbers –

A representative sample of thirty two (32) type 2 snubbers were selected for functional testing during C1R09. One (1) snubber, 1FC03081S, failed to meet the functional testing criteria. A Condition Report (Issue Report 199563) was initiated to address this issue.

The snubber was disassembled for evaluation. This evaluation identified the cause of the snubber being frozen to be an excessive amount of grease in the ball nut assembly. This grease had hardened to the point that it restricted the movement of the recirculating ball bearings thus causing the frozen condition. Dried grease was also found throughout the snubber.

Sixteen (16) additional snubbers (5% for each failure) were selected for functional testing. All snubbers passed the functional testing criteria.

As required by the ORM, the piping components on which this snubber was installed analyzed to ensure the integrity of the piping components. The following describes the results:

The snubber failed in both tension and compression directions during a drag test but passed its functional test. The snubber was degraded due to dried grease. The grease had hardened to the point that it restricted the movement of the re-circulating ball bearing thus causing frozen condition. Based on the support drawing, the snubber will experience a thermal movement of 1/16" in tension direction. The frozen snubber would be locked in the tension direction thus restraining the pipe thermal movement; this would result in a higher piping stress which may exceed the code stress limits. However, due to the fact the potential thermal movement is 1/16", which is negligible in terms of piping analysis, the pipe and pipe supports would have insignificant impact due to the snubber locked out. No further evaluation is required. This was evaluated in the Engineering Change (EC) 347493.

As a result of implementing 4 modifications (MSF012, 341501, 341503, and 341504) eight (8) snubbers (1MS46001S, 1MS48003S, 1MS48005S, 1MS10602S, 1RT28006S, 1RT28007S, 1RT31004S, and 1RT46001S) were removed permanently. The snubber population after C1R09 is 579-8 = 571.

It should be noted that CPS also tested a 10% sampling of type 3, 4, and 6 snubbers with no failures.

SECTION 3

LISTING OF EXAMINATION AND TESTING PROCEDURES

This section provides a listing of all examination and testing procedures utilized during this inspection period. This listing includes only the procedures required for the testing, examination, and associated calibration of equipment. The contractor procedure records are available and are located in the Document Record Center filed under record type 2E.220 or 3A.117 for the C1R08 outage.

| Procedure | Rev | Title |
|----------------|------------------|--|
| 386HA480 | Rev. 18 | Certification of Nondestructive Test Personnel |
| Addendum APVII | Rev. 3 | Addendum APPVII to GENE Written Practice 386HA480 Certification of Nondestructive Test Personnel |
| PT-EXLN-100V3 | Rev. 0 | Procedure for Liquid Penetrant Examination Using Fluorescent and Visible Dye Liquid Penetrant Inspection Methods |
| MT-EXLN-100V3 | Rev. 0 | Procedure for Magnetic Particle Examination (Dry Particle, Color Contrast or Wet Particle, Fluorescent) |
| GE-VT-101 | Ver. 1 | Procedure for VT-1 Examination |
| GE-VT-103 | Ver. 2 | Procedure for VT-3 Examination |
| GE-VT-CLN-206 | Rev. 0 Ver. 5 | Procedure for In-vessel Visual Inspection (IVVI) of BWR 6 RPV Internals |
| GE-ADM-1001 | Ver. 3 | Procedure for Performing Linearity Checks on Ultrasonic Instruments |
| GE-ADM-1002 | Ver. 4 | Procedure for Non-Destructive Examination Data Review and Analysis of Recorded Indications |
| GE-ADM-1005 | Ver. 0 | Procedure for Zero Reference and Data Recording for Nondestructive Examinations |
| GE-ADM-1025 | Ver. 6 | Procedure for Training and Qualification of Personnel For GE-NE Specialized NDE Applications |
| GE-ADM-1029 | Ver. 0 | Administrative Instruction for Establishing and Maintaining a Foreign Material Exclusion Area |
| GE-ADM-1048 | Ver. 2 | Procedure for Training of Personnel Per ASME Section XI, Appendix VII, Appendix VIII, and USNRC Requirements |
| GE-ADM-1052 | Ver. 0 | Operational Guidelines for the Micro-Tomo Ultrasonic Data Acquisition System |
| GE-ADM-1057 | V1 | Operational Guidelines for the CSI Delivery System |
| GE-ADM-1058 | V0 | Procedure for Installation and Removal of the CSI (RPV Internal) Core Spray Inspection Tool |
| GE-ADM-1061 | Ver. 0 | Administrative Procedure for In-vessel Inspection (IVVI) |
| GE-ADM-2031 | V1 | Procedure for the Determination of the GERIS 2000 OD Data Acquisition System Linearity |
| GE-PDI-UT-1 | Rev. 3 | PDI Generic Procedure for the Ultrasonic Examination of Ferritic Pipe Welds |
| GE-PDI-UT-2 | Rev. 3 | PDI Generic Procedure for the Ultrasonic Examination of Austenetic Pipe Welds |
| GE-PDI-UT-3 | Rev. 1 | PDI Generic Procedure for Ultrasonic Through Wall Sizing in Piping Welds |
| GE-UT-300 | V8 | Procedure for Manual Examination of Reactor Vessel Assembly Welds in Accordance with PDI |

| Procedure | Rev | Title |
|---------------|--------|---|
| GE-UT-304 | V6 | Procedure for Manual Ultrasonic Planar Flaw Sizing in Vessel Materials |
| GE-UT-511 | V11 | Procedure for the Automated Examination of Core Spray Piping Welds Contained within the Reactor Pressure Vessel |
| GE-UT-605 | V2 | Procedure for the Performance of Straight Beam Examinations |
| GE-UT-706 | V2 | Procedure for RPV Flaw Sizing with the GERIS 2000 OD System |
| GE-UT-707 | V5 | Procedure for GERIS 2000 OD Ultrasonic Examination of the Shroud to RPV Attachment Welds |
| ER-AA-335-014 | Rev. 1 | VT-1 Visual Examination |
| ER-AA-335-015 | Rev. 3 | VT-2 Visual Examination |
| ER-AA-335-016 | Rev. 1 | VT-3 Visual Examination of Component Supports and Attachments |
| ER-AA-335-017 | Rev.2 | VT-3 Visual Examination of Pump and Valve Internals |
| MSS-002 | Rev. E | Procedure for Functional Testing of Hydraulic Snubbers |
| MSS-004 | Rev. H | Procedure for Functional Testing of Pacific Scientific Mechanical Snubbers |

SECTION 4

LISTING OF EXAMINATION AND TESTING PERSONNEL

This section identifies the contracted and company examination and testing personnel used to perform the inspections and tests during this period. These personnel have been qualified and certified in accordance with the Clinton Power Station ISI Plan and their employer's procedures and written practices.

Records and personnel qualification and certification are available and are located in the Document Record Center. Wyle Laboratories and General Electric Co. records are stored in file 2E.200 or 3A.117.

| Name | MT Lv | PT Lv | RT Lv | UT Lv | VT-1 | VT-2 | VT-3 |
|---------------------|-------|-------|-------|---------|--------|------|--------|
| Anderson, Paul | III | III | | II PDI | | | |
| Angelo, Arthur | | | | | II-L* | | II-L* |
| Armstrong, Michael | | | | | III-L* | | III-L* |
| Amaud, Davi | | | | II-L# | | | |
| Awason, Amanda, | II | I | | | | | |
| Bailey, Phil | | | | | III | III | III |
| Barrett, Charles | II | II | | II PDI | | | |
| Benicki, Lenin | | II | | II | | | |
| Boiseclair, Roger | II | II | | I | II | | |
| Briggs, Jake | | | | | III | III | III |
| Brostrom, Bo | | | | | II-L* | | II-L* |
| Burgess, Ronald | II | II | | II | II | | II |
| Dubose, George | III | III | | III PDI | | | |
| Dummer, Brad | III | III | | III PDI | | | |
| Eiler, Lance | II | II | | II-L# | II | II | II |
| Eriksson, Mattias | | | | | II-L* | | II-L* |
| Fish, Karen | I | I-T | | II-L# | | | |
| Fish, Kevin | I-T | I-T | | II-L# | | | |
| Frakes, CE | | | | II | | | |
| Garver, Jeremy | | | | | II-L* | | II-L* |
| Gathrier, Clint | I-T | I-T | | II-L# | | | |
| Gauthier, Shane | | | | II | | | |
| Ginder, Todd | II | II | | II PDI | II | | |
| Goss, Edward | | | | | II-L* | | II-L* |
| Hanson, Michael | II | II | | II | II | | |
| Holloway, Gary | | | | | II-L* | | II-L* |
| Hrabik, Joseph | | | | | II-L* | | II-L* |
| Jackson, Michael | | | | | II-L* | | II-L* |
| Jasken, Richard | II | II | | II PDI | | | |
| Johnson, Paul | | | | III PDI | | | |
| Kalkbrenner, Marcie | I | I | | II-L# | | | |

| Name | MT Lv | PT Lv | RT Lv | UT Lv | VT-1 | VT-2 | VT-3 |
|--------------------|-------|-------|--------|---------|--------|------|--------|
| Kelly, Allen | II | II | | II PDI | | | |
| Kegel, Joel | | | | | II-L* | | II-L* |
| Kemp, Michael | II | II | II PDI | | III | II | III |
| King, Douglas | | | | | II-L* | | II-L* |
| Krueger, Michael | III | III | | III PDI | | | |
| Kulkoski, Daniel | | | | | II-L* | | II-L* |
| Laws, Jeff | | | | | II-L* | | II-L* |
| Lemmons, Eric | | | | | II-L* | | II-L* |
| Michael, Dickey | II | II | | II PDI | | | |
| Minor, Chris | III | III | | III PDI | III | | III |
| Montgomery, Kent | | | | II PDI | | | |
| Neau, Steve | | | | | II-L* | | II-L* |
| Padgett, Edmond | II | II | | II | II | | |
| Paillaman, Rudy | | | | | III | III | III |
| Paladino, Jason | | | | | II-L* | | II-L* |
| Petitte, Paul | | | | | II-L* | | II-L* |
| Phillips, Alan | | | | | II-L* | | II-L* |
| Powell, Paul | | | | | III | | III |
| Price, James | II | II | | II | II | II | II |
| Rachal, Andre | | II | | II PDI | | | |
| Reisewitz, Jack | | | | II PDI | | | |
| Robideau, Kim | II | II | | | II | II | II |
| Scott, Timothy | I | I-T | | II-L# | | | |
| Seymore, Alan | | | | II-L# | | | |
| Shamblin, Phil | III | III | | III PDI | III | III | III |
| Simpson, Eugene | II | II | | II-L# | II | II | II |
| Strong, Robert | | | | | II-L* | | II-L* |
| Roe, Adam | II | II | | I | | | |
| Thomas, Daniel | | | | | III-L* | | III-L* |
| Tucker, David | I | I | | II PDI | | | |
| Vinbald, John | | | | | II-L* | | II-L* |
| Volt, Peter | | | | | II-L* | | II-L* |
| Walter, Donald | | III | | III PDI | | | |
| Wilson, Matthew | I | I | | II-L# | | | |
| Winney, Ryan | | | | | II-L* | | II-L* |
| Anderson, Carl | II | II | | | II | II | II |
| Anthony, Dave | III | III | | III | III | III | III |
| Baig, Mirza | | | | | | II | |
| Burke, Bill | | | | | | II | |
| Carr, Dick | | | | | | II | |
| Coyle, Pat | | | | | | II | |
| Crothers, Patricia | | | | | | II | |
| Cummings, Joe | | | | | | II | |
| Dean, Robert | | | | | | II | |
| Eigenmann, Cory | | | | | | II | |

| Name | MT Lv | PT Lv | RT Lv | UT Lv | VT-1 | VT-2 | VT-3 |
|-------------------|-------|-------|-------|-------|------|------|------|
| Evans, Gary | | | | | | II | |
| Glenn, Dave | | | | | | II | |
| Johnson, Arlton | | | | | | II | |
| Mahrt, Dan | | | | | | II | |
| Procarione, Craig | | | | | | II | |
| Rohrscheib, Randy | | | | | | II | |
| Scott, Gary | | | | | | II | |
| Slavens, Chris | | | | | | II | |
| VanFleet, Danny | | | | | | II | |
| Clark, Charles | II | II | | | II | II | II |
| Thomas, Shawn | II | II | | | II | II | II |
| Touvavannas, Paul | II | II | | | II | II | II |
| Sebby, Mark | II | II | | | II | II | II |
| Miller, Jay | II | II | | | II | II | II |
| Hall, Kevin | III | III | | III | III | III | III |
| Suddick, Eric | II | II | | | II | II | II |
| Greboniski, Mark | | | | | | | II |
| Green, Jack | | | | | | | II |
| Miller, Michael | | | | | | | III |
| Windle, Clarence | | | II | | | | |
| Fay, Steve | | | III | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

* ---- Limited to IVVI

---- Limited to thickness measurements

SECTION 5

LISTING OF EQUIPMENT AND MATERIALS

This section provides a listing of all materials and equipment used to perform the examinations and inspections during this period. The materials and equipment records are available and are located in the Document Record Center filed under record type 2E.180 or 3A.117 for the C1R09 outage.

| DESCRIPTION | SERIAL | MANF | SIZE | FREQ | ANGLE | TYPE |
|-------------------|------------|-------|----------------|------|-------|-------------|
| GERIS SYSTEM | GERIS4 | GE | | | | |
| GERIS Transducer | 96-977 | RTD | 1.0 | 2.25 | 0 | |
| GERIS Transducer | 96-27 | RTD | 32x22 | 1.0 | 45 | |
| GERIS Transducer | 00-1084 | RTD | 32x28 | 2.0 | 26 | |
| GERIS Transducer | 98-868 | RTD | 32x22 | 1.0 | 45 | |
| GERIS Transducer | 01-228 | RTD | 32x28 | 2.0 | 26 | |
| GERIS Transducer | 01-229 | RTD | 32x28 | 2.0 | 26 | |
| Manual Transducer | 22BC-03003 | Sigma | 2(1.1" X .62') | 3.0 | 60 | SDC3 |
| Manual Transducer | 00HR06 | KBA | 0.375 | 2.25 | 45 | COMP-G |
| Manual Transducer | 0016HD | KBA | 3.5X10mm | 2.0 | | MSEB2E |
| Manual Transducer | 003R17 | KBA | 0.50" | 1.5 | | COMP-G |
| Manual Transducer | 003W4V | KBA | 0.50" | 2.25 | | COMP-G |
| Manual Transducer | 003W4W | KBA | 0.50" | 2.25 | | COMP-G |
| Manual Transducer | 004NN0 | KBA | 0.50"x1.0" | 2.25 | | SWS |
| Manual Transducer | 0065PB | KBA | 1.0"x0.50" | 1.0 | | SWS |
| Manual Transducer | 00864 | KBA | 11mm | 2.0 | | MSEB |
| Manual Transducer | 008KY7 | KBA | 0.50"x1.0" | 1.0 | | GAMMA |
| Manual Transducer | 008KY9 | KBA | 0.50"x1.0" | 1.0 | | GAMMA |
| Manual Transducer | 008KYB | KBA | 0.50"x1.0" | 1.0 | | SWS |
| Manual Transducer | 00CT38 | KBA | 0.375" | 1.5 | | COMP-G |
| Manual Transducer | 00HR05 | KBA | 0.375" | 2.25 | | COMP-G |
| Manual Transducer | 00K9NV | KBA | 0.50"x1.0" | 1.0 | | SWS |
| Manual Transducer | 00KJCV | KBA | 0.50"x1.0" | 2.25 | 0 | SWS |
| Manual Transducer | 00KV1H | KBA | 1.0" | 2.25 | 45L | 113-262-043 |
| Manual Transducer | 00KV6D | KBA | 0.5"x1.0" | 2.25 | 60L | SWS |
| Manual Transducer | 00KWBT | KBA | 0.50" | 5.0 | | F-HP |
| Manual Transducer | 00L18C | KBA | 0.375" | 1.5 | | MSWQC |
| Manual Transducer | 00L2K7 | KBA | 0.50" | 2.25 | | COMP-G |
| Manual Transducer | 00L2L7 | KBA | 0.50" | 5.0 | | COMP-G |
| Manual Transducer | 00L325 | KBA | 0.50"x1.0" | 1.0 | | GAMMA |
| Manual Transducer | 00L327 | KBA | 0.5"x1.0" | 1.0 | | SWS |
| Manual Transducer | 00L48P | KBA | 0.5" | 2.25 | | 113-242-591 |
| Manual Transducer | 00L48X | KBA | 0.25" | 5.0 | | COMP-G |
| Manual Transducer | 00L4R4 | KBA | 0.5"x1.0" | 1.0 | | SWS |
| Manual Transducer | 00L4YL | KBA | 0.25" | 5.0 | | COMP-G |

| DESCRIPTION | SERIAL | MANF | SIZE | FREQ | ANGLE | TYPE |
|-------------------|-----------|------|------------|------|-------|---------------|
| Manual Transducer | 00L700 | KBA | 0.375" | 2.25 | | COMP-G |
| Manual Transducer | 00MPXC | KBA | 0.5" | 1.5 | | COMP-G |
| Manual Transducer | 00MWR6 | KBA | 0.5" | 2.25 | | COMP-G |
| Manual Transducer | 00N0FD | KBA | 0.25" | 1.5 | | COMP-G |
| Manual Transducer | 00N0FH | KBA | 0.25" | 1.5 | | COMP-G |
| Manual Transducer | 00N0FL | KBA | 0.25" | 1.5 | | COMP-G |
| Manual Transducer | 00PYB7 | KBA | 0.375" | 5.0 | | COMP-G |
| Manual Transducer | 00PYB8 | KBA | 0.375" | 5.0 | | COMP-G |
| Manual Transducer | 00T8J3 | KBA | 0.5"X1.0" | 2.25 | | SWS |
| Manual Transducer | 00T8J4 | KBA | 0.5"X1.0" | 2.25 | | SWS |
| Manual Transducer | 00V696 | KBA | 0.5" | 2.25 | | COMP-G |
| Manual Transducer | 006VC | KBA | 0.5"X1.0" | 1.0 | | 113-891-600 |
| Manual Transducer | 006VD | KBA | 0.5"X1.0" | 1.0 | | SWS |
| Manual Transducer | 00X8CB | KBA | 0.5" | 1.5 | | MSWQC |
| Manual Transducer | 00X9C8 | KBA | 0.5" | 2.25 | | FDCP-XDCR |
| Manual Transducer | 00X9HX | KBA | 0.375" | 5.0 | | FDCP-XDCR |
| Manual Transducer | 00X9J3 | KBA | 0.25" | 2.25 | | FDCP-XDCR |
| Manual Transducer | 00X9TT | KBA | 0.25" | 2.25 | | MSWQC |
| Manual Transducer | 00X9V1 | KBA | 0.25" | 2.25 | | MSWQC |
| Manual Transducer | 00XB3L | KBA | 0.25" | 5.0 | | COMP-G |
| Manual Transducer | 00XCD1 | KBA | 0.25" | 2.25 | | COMP-G |
| Manual Transducer | 00XL6K | KBA | 0.5"X1.0" | 2.25 | | SPFPA-SW4X8G2 |
| Manual Transducer | 00XL6N | KBA | 0.5"X1.0" | 2.25 | | SPFPA-SW4X8G2 |
| Manual Transducer | 00XL6X | KBA | 0.5"X1.0" | 2.25 | | SPFPA-SW4X8G2 |
| Manual Transducer | 00XLP5 | KBA | 0.375" | 5.0 | | MSWQC |
| Manual Transducer | 00XN27 | KBA | 0.5" | 5.0 | | MSWQC |
| Manual Transducer | 00XN2H | KBA | 0.5" | 5.0 | | MSWQC |
| Manual Transducer | 00YR2D | KBA | 0.5"X1.0" | 2.25 | | SWS |
| Manual Transducer | 00YR2F | KBA | 0.5"X1.0" | 2.25 | | SWS |
| Manual Transducer | 00YXYJ | KBA | 0.25" | 2.25 | | FDCP-XDCR |
| Manual Transducer | 0100NW | KBA | 0.5" | 5.0 | | FDCP-XDCR |
| Manual Transducer | 01067N | KBA | 0.5" | 2.25 | | FDCP-XDCR |
| Manual Transducer | 010DYB | KBA | 0.5" | 2.25 | | MSWQC |
| Manual Transducer | 010HB5 | KBA | 0.375" | 5.0 | | FDCP-XDCR |
| Manual Transducer | 010HBF | KBA | 0.25" | 5.0 | | FDCP-XDCR |
| Manual Transducer | 010HWP | KBA | 0.375" | 2.25 | | MSWQC |
| Manual Transducer | 010HWK | KBA | 0.375" | 1.5 | | MSWQC |
| Manual Transducer | 010HX8 | KBA | 0.5"X1.0" | 1.0 | | SWS |
| Manual Transducer | 574628848 | KBA | 3.5X10mm | 4.0 | | MSEB4E |
| Manual Transducer | E09400 | KBA | 0.5"X1.0" | 2.25 | | GAMMA |
| Manual Transducer | J29329 | KBA | 0.25" | 5.0 | | |
| Manual Transducer | 92-893 | RTD | 2(10x18)mm | 2.0 | 60 | TRL2 |
| THERMOMETERS | 235024 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235058 | PTC | 12/30/2004 | | | Model 312F |

| DESCRIPTION | SERIAL | MANF | SIZE | FREQ | ANGLE | TYPE |
|--------------|-----------------|-----------------|------------|------|-------|--------------|
| THERMOMETERS | 235096 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235098 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235112 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235121 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235130 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235142 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235162 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235265 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235277 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235280 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235296 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235312 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235344 | PTC | 12/30/2004 | | | Model 312F |
| THERMOMETERS | 235360 | PTC | 12/30/2004 | | | Model 312F |
| Ultrage II | 00325 | Sonotech | | | | Ultrage II |
| UT Cal Block | CAL-10MT-001 | Parker Research | CS | | | |
| UT Cal Block | CAL-DPTH-59 | | SS | | | SS Depth Cal |
| UT Cal Block | CAL-IIW2-018 | GENE | SS | | | TYPE 2 |
| UT Cal Block | CAL-IIW2-028 | Ray Check | | | | |
| UT Cal Block | CAL-IIW2-032 | GENE | CS | | | TYPE 2 |
| UT Cal Block | CAL-RHOM-037 | | | | | Rompas |
| UT Cal Block | CAL-RHOM-054 | 96-5538 | CS | | | Rompas |
| UT Cal Block | CAL-RHOM-066 | | SS | | | Rompas |
| UT SCOPE | 136P991A101224 | Staveley | 8/14/2004 | | | Sonic 136P |
| UT SCOPE | 136P1106B091353 | Staveley | 12/11/2004 | | | Sonic 136P |
| UT SCOPE | 031570311 | Panametrics | 12/11/2004 | | | EPOCH4 |
| UT SCOPE | 031574211 | Panametrics | 12/11/2004 | | | EPOCH4 |
| UT SCOPE | 031540506 | Panametrics | 8/14/2004 | | | EPOCH4 |

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

NIS-2 OWNER'S DATA REPORTS

This section provides a listing of the 70 ASME Section XI repairs or replacements performed between May 8, 2002 and February 25, 2004.

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

CPS utilized Code Case N-416-1 during this reporting period. This Code Case allows the elimination of the hydrostatic testing requirement following welded replacement, providing some additional NDE is performed and the 1992 Edition of Section III used for examination.

CPS installed a number of modifications including MSF012 on MSIVs, M079 on ECCS testable check valves, and the changeout of numerous Dresser Relief Valves with Crosby replacements.

Following the listing of repairs and replacements are copies of NIS-2 Owner's Data Reports for all of the Class 1, 2, 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-9-001 | 3 | Replaced 1DO001C and piping |
| RF-9-002 | 3 | Replaced Pump 1G33-C001B gland ring |
| RF-9-003 | 3 | Replaced Snubbers 1RT06014S and 1RT07009S and hanger bolting |
| RF-9-004 | 2,3 | Installed SX blind coupling per EC 333971 |
| RF-9-005 | 3 | Replaced SX piping and Tee fitting |
| RF-9-006 | 3 | Replaced channel to cover fasteners on RHR heat exchanger B |
| RF-9-007 | 3 | Replaced Coolers 1VX14AA and 1VX14AB |
| RF-9-008 | 3 | Replaced Valve 1SX006C |
| RF-9-009 | 3 | Replaced Valve Disc on 1G33-F043C |
| RF-9-010 | 2 | Replaced Relief Valve 1FC091 |
| RF-9-011 | 3 | Replaced Orifice Plate per EC 339985 |
| RF-9-012 | 2/3 | Replaced channel cover bolting on RHR heat exchanger B |
| RF-9-013 | 1 | Weld repair of SRV # 160779 to rebuild seat cladding |
| RF-9-014 | 1 | Weld repair of SRV # 160911 to rebuild seat cladding |
| RF-9-015 | 1 | Weld repair of SRV # 160941 to rebuild seat cladding |
| RF-9-016 | 1 | Weld repair of SRV # 160946 to rebuild seat cladding |
| RF-9-017 | 1 | Weld repair of SRV # 160540 to rebuild seat cladding |
| RF-9-018 | 1 | Modify Check Valve 1E12-F041A per EC 333697 |
| RF-9-019 | 1,3 | Replace SRV 1B21-F047C, bolting |
| RF-9-020 | 1,3 | Replace SRV 1B21-F051G, bolting |
| RF-9-021 | 1,3 | Replaced SRV 1B21-F041D and bolting |

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

| NIS-2 Number | Class | Description |
|-------------------------|--------------|--|
| RF-9-022 | 1,3 | Replaced SRV 1B21-F047A and bolting |
| RF-9-023 | 1,3 | Replaced SRV 1B21-F041C and bolting |
| RF-9-024 | 1,3 | Replaced SRV 1B21-F041F and bolting |
| RF-9-025 | 1,3 | Replaced SRV 1B21-F047B and bolting |
| RF-9-026 | 1,3 | Replaced SRV 1B21-F051B and bolting |
| RF-9-027 | 1 | Install Modification MSF012 on 1B21-F028B |
| RF-9-028 | 1 | Install Modification MSF012 on 1B21-F028C |
| RF-9-029 | 1 | Install Modification MSF012 on 1B21-F028D |
| RF-9-030 | 2 | Replaced Snubber 1FC03081S |
| RF-9-031 | 2 | Replaced Snubber 1RT06018S |
| RF-9-032 | 3 | Replaced Snubbers 1MS10907S, 1MS10910S, 1MS10909S |
| RF-9-033 | 1 | Replaced Snubbers 1MS30013S, 1MS38028S |
| RF-9-034 | 3 | Replaced Snubbers 1MS10808S, 1MS26010S, 1MS38005S, 1MS38027S, 1MS05022S, 1MS10705S, replaced load pin on 1MS29007S |
| RF-9-035 | 2 | Replaced Snubbers 1RH09082S, 1RH09053S, 1RH09055S, 1RH09054S |
| RF-9-036 | 2 | Replaced Snubbers 1RH08024S, 1RH08076S, 1RH08059S, 1RH08047S, 1RH08017S |
| RF-9-037 | 2 | Replaced Snubbers 1RH09090SE, 1RH09090SW |
| RF-9-038 | 3 | Replaced piping in NSX06 |
| RF-9-039 | 3 | Replaced piping in NSX06 |

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

| NIS-2 Number | Class | Description |
|-------------------------|--------------|---|
| RF-9-040 | 3 | Replaced piping in NSX07 |
| RF-9-041 | 3 | Replaced Valve Ball in 1G36F030A |
| RF-9-042 | 3 | Replaced Valve 1G33-F033 internals |
| RF-9-043 | 3 | Replaced piping in NSX08 |
| RF-9-044 | MC | Replaced Drywell Head Eyebolt Assemblies |
| RF-9-045 | 1 | Modified 1E12-F009 per EC 339006 |
| RF-9-046 | 1 | Modified 1B21-F016 per EC 34503. |
| RF-9-047 | 1 | Modified 1G33-F001 per EC 34504 |
| RF-9-048 | 2 | Replaced Valve 1E51-F022 internals |
| RF-9-049 | 3 | Replaced Valve 1SX032 Disc |
| RF-9-050 | 3 | Replacement of RHR B heat exchanger bolting and weld buildup |
| RF-9-051 | 2 | Install thermal relief valve 1E12-F122A and piping per EC 330572 |
| RF-9-052 | 3 | Replaced line 1CC58B-4 |
| RF-9-053 | 1 | Replaced Reactor Recirculation Pump B seal assembly |
| RF-9-054 | 2 | Modified Relief Valve 1E12-F025C discharge piping per EC 344836 |
| RF-9-055 | 2 | Replaced Relief Valve 1E12-F017B per EC 344836 |
| RF-9-056 | 1 | Replaced 1C41-F004B trigger assembly |
| RF-9-057 | 3 | Replaced 1G36-F030B ball |
| RF-9-058 | 3 | Replaced 1E12-F068A disc and performed weld buildup of guide ribs |
| RF-9-059 | 2 | Install thermal relief valve 1E12-F112B and piping per EC 330706 |

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

| NIS-2 Number | Class | Description |
|-------------------------|--------------|--|
| RF-9-060 | 1 | Replaced 1E51-F063 valve bonnet per EC 341502 |
| RF-9-061 | 3 | Repaired 1E12-F014A guide ribs |
| RF-9-062 | 2 | Replaced 1E12-F005 per EC 344836 |
| RF-9-063 | 3 | Replaced Relief Valve 1SX208A per EC 344836 |
| RF-9-064 | 1 | Replaced Reactor Recirculation Pump Back Pullout Assembly |
| RF-9-065 | 1 | Replaced Reactor Water Cleanup components, piping, and CRDMs per EC 341501 |
| RF-9-066 | 1 | Replaced 22 CRDMs and bolting |
| RF-9-067 | 2 | Replaced Relief Valve 1C41-F029A and piping per EC 344836 |
| RF-9-068 | 1 | Modified 1E21-F006 per Plant Modification M-079 |
| RF-9-069 | 2 | Replaced Reactor Core Isolation Cooling Piping per EC 341364 |
| RF-9-070 | 2 | Replaced Reactor Water Cleanup Decontamination Flange per EC 339013 |

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

| | | |
|-----------------------------|---|---|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-004</u> Date <u>09/19/2002</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 00464032 & 464043 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> Address <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System | <u>NSX06</u> | Code Class <u>2,3</u> |

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Piping | Illinois Power | NSX06 | NA | NSX06 | 1986 | Replacement | Yes |
| | | | | | | | |
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7. Description of Work

Installed a blind coupling in line 1SX88BB-3" and 1SX93DB-3" in accordance with plant modification EC333971 at containment penetrations 1MC204 and 1MC-205.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

The 3" blind couplings were accepted on UTC2648253.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed Thomas Juick Specialist III Date Sept. 19, 2002
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 or Province of Illinois and employed by FMIC of Rhode Island have inspected the components described in this Owner's Report during the period 07/22/2002 to 09/19/2002, and state that to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. L.
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 19 SEPT., 2002

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed Thomas M. Quirk, Inc.
Owner or Owner's Designee, Title

Date July 9, 2003

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 have inspected the components described in this Owner's Report during the period 10/05/2001 to 07/09/2003, 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

Date 9 JULY, 2003

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

| | |
|--|---------------------------------------|
| 1. Owner <u>AmerGen Energy Co., LLC</u> | Data Report No. <u>RF-9-012</u> |
| Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> | Date <u>07/18/2003</u> |
| Address | Sheet <u>1</u> of <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> | Unit <u>1</u> |
| Name | <u>00489886</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Repair Organization P.O. No., Job No. |
| 3. Work Performed by: <u>Clinton Power Station</u> | Type Code Symbol Stamp <u>N/A</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Authorization No. <u>N/A</u> |
| 4. Identification of System <u>NRH01</u> | Expiration Date <u>N/A</u> |
| | Code Class <u>2/3</u> |
| 5. (a) 1) Applicable Construction Code (Component-Heat Exchanger) Section III 1974 Edition, W75 Addenda, Code cases NONE | |

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Heat Excha | JOSEPH OAT | 2318-B | 1053 | 1E12B001B | 1978 | Replacement | Yes |
| | | | | | | | |
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7. Description of Work

Heat exchanger 1E12B001B was disassembled for cleaning and eddy current testing. During reassembly replaced all channel cover bolting..

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure Exempt Other

9. Remarks

Bolting was accepted as follows: Studs-UTC's 2101069, 2659881, 2110386, and 2106995;
Nuts-UTC's 2634643, 2117288, and 2117782.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed Henry Zwick, Supervisors Spec.
Owner or Owner's Designee, Title

Date July 18, 2003

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 have inspected the components described in this Owner's Report during the period 02/06/2003 to 07/18/2003, and state that to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. [Signature]
Inspector's Signature

Commissions IL 1721
National Board, State, Province

Date 18 JULY, 2003

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

| | |
|--|---|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-013</u> Date <u>02/03/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 350015-01 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | Code Class <u>1</u> |
| 4. Identification of System <u>N/A - SPARE</u> | |
| 5. (a) 1) Applicable Construction Code (Component-See Remarks) | |

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

Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DIkkers | 160779 | N/A | SPARE | 1978 | Repair | Yes |
| N/A RRR 2/2/04 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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7. Description of Work

Weld repair of Spare SRV, Serial number 160779, to rebuild seat cladding.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other repair non-pressure retaining

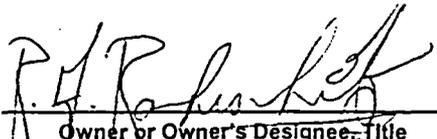
9. Remarks

Valve built to ASME Section III, 1974, Summer 76 addenda

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Repair
(repair or replacement)

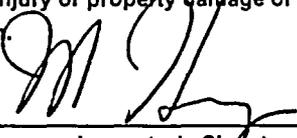
Signed 
Owner or Owner's Designee, Title

Date 02/02, 2004

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 A.C.T. have inspected the components described in this Owner's Report during the period 02/03/2004 to 02/03/2004, 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. EX 4/6/04

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

Date 7 FEBRUARY, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <small>Name Address</small> | Data Report No. <u>RF-9-014</u> Date <u>03/02/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> <small>Name Address</small> | 350015-07 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> <small>Address</small> | |
| 4. Identification of System <u>NGE02</u> | Code Class <u>1</u> |

5. (a) 1) Applicable Construction Code (Component-See Remarks)

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | Dickers | 160911 | N/A | SPARE | 1978 | Repair | Yes |
| N/A | | | | | | | |
| | | | | | | | |
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7. Description of Work

Weld repair of SRV, serial number 160911, to rebuild seat cladding.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other N/A

9. Remarks

Valve built to ASME Section III, 1974, Summer 1976 Addenda

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Repair
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date

3/2, 2004

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 Co. have inspected the components described in this Owner's Report during the period 03/02/2004 to 03/02/2004, 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

Date

3 MARCH, 2004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Repair
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date

3/2, 2004

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 Co. have inspected the components described in this Owner's Report during the period 03/02/2004 to 03/02/2004, 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. *RR 2/6/04*

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

Date

3 MARCH, 2004

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

| | | |
|-----------------------------|---|--|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-016</u> Date <u>03/02/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>350015-045 R11 3/2/04</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 4. Identification of System | <u>NGE02</u> | Code Class <u>1</u> |

5. (a) 1) Applicable Construction Code (Component-See Remarks)

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

Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | Dickers | 160946 | N/A | SPARE | 78 | Repair | Yes |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

7. Description of Work

Weld repair of spare SRV, serial number 160946, to rebuild seat cladding.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure Exempt Other N/A

9. Remarks

Valve built to ASME Section III, 1974, Summer 1976 addenda

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Repair
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date

3/2, 2004

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 Ct. ^{R/R Station} have inspected the components described in this Owner's Report during the period 03/02/2004 to 03/02/2004, 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

Date

3 MARCH, 2004

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-9-017
965 Chesterbrook Blvd., Wayne, PA 19087
 Name Address
 Date 03/02/2004
 Sheet 1 of 1
 Unit 1
2. Plant Clinton Power Station
 Name
RR3 Box 228, Clinton, IL 61727
 Address
 00350015-04
 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 N/A
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System NGE02 Code Class 1
5. (a) 1) Applicable Construction Code (Component-See Remarks)

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

Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | Dickers | 160540 | N/A | SPARE | 1978 | Repair | Yes |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |

7. Description of Work

Weld repair of Spare SRV, Serial Number 160540, to rebuild seat cladding.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure [] Exempt [] Other [X] N/A

9. Remarks

Valve built to ASME Section III, 1974, Summer 1976 addenda

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

REPAIR
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 03/02, 2004

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 & Co. have inspected the components described in this Owner's Report during the period 03/02/2004 to 03/02/2004, 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

Date 3 MARCH, 2004

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-9-018
965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/02/2004
Address Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station 00002645
RR3 Box 228, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
3. Work Performed by: Clinton Power Station Authorization No. N/A
RR3 Box 228, Clinton, IL 61727 Expiration Date N/A
Address
4. Identification of System NRH07 Code Class 1
5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda,
Code cases 1516.1, 1567, 1622, 1635.1, 1677
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ANCHOR DARLING | E-6214-20-1 | NA | 1E12F041A | 1979 | Replacement | Yes |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

7. Description of Work

On valve 1E12F041A install modification M-079 per ECN 333697 to modify hinge pins and covers to convert valve from a testable check valve to a simple check. Replaced hinge pin covers and cover studs.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Hinge pin covers received per UTC 2110681. Hinge pin cover studs received per UTC 2110681.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

Owner or Owner's Designee, Title

Date 03/02, 2004

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 Ct* have inspected the components described in this Owner's Report during the period 03/14/2002 to 03/02/2004 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. *Rick [unclear]*

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

Date 3 MARCH, 2004

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

| | |
|---|---|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-019</u> Date <u>03/03/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | .00529783 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NGE02</u> Code Class <u>1.3</u> | |

5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda, Code cases *AND 1977, W77
 2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda, Code cases NONE

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | DIKKERS | 160780 | 46 | 1B21F047C | 1978 | replaced | Yes |
| N/A 1/1/03/04 | | | | | | | |

7. Description of Work
Replace valve 1B21F047C. Installed spare valve, serial # 160946, Inlet, Outlet, and Sub-Exhaust Bolting.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Replacement Valve Serial # 160946, UTC 2567642
Replacement Bolting - Inlet Flange Studs UTC 2111768, 211033; Inlet Nuts - UTC 2684458
Outlet Flange Studs UTC 2684456, 2684458; Outlet Nuts - UTC 2684458
Sub Exhaust Flange Nuts - UTC 2640685
Valve built to 1974 S76 Addenda
Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed


Owner or Owner's Designee, Title

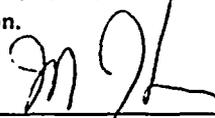
Date

3/3, 2004

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 Ct} have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/03/2004, and state that to the best of my knowledge and belief the Owner has ^{R&R} 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

Date 10 MARCH, 2004

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

| | |
|--|---------------------------------------|
| 1. Owner <u>AmerGen Energy Co., LLC</u> | Data Report No. <u>RF-9-020</u> |
| Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> | Date <u>03/03/2004</u> |
| Address | Sheet <u>1</u> of <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> | Unit <u>1</u> |
| Name | <u>00529789</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Repair Organization P.O. No., Job No. |
| 3. Work Performed by: <u>Clinton Power Station</u> | Type Code Symbol Stamp <u>N/A</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Authorization No. <u>N/A</u> |
| | Expiration Date <u>N/A</u> |
| 4. Identification of System <u>NGE02</u> | Code Class <u>1, 3, 5, 14, 3</u> |
| 5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda, Code cases <u>*AND 1977, W77</u> | <i>SP/07</i> <i>SP/04</i> |
| 2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda, Code cases <u>NONE</u> | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> | |
| Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DIKKERS | 160794 | 59 | 1B21F051G | 1987 | Replaced | Yes |
| <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p><i>1-1/4" NPS 5/4/04</i></p> </div> | | | | | | | |

7. Description of Work

Replaced Valve 1B21-F051G. Installed spare valve serial # 160949, Inlet, Outlet, and Sub-Exhaust Bolting.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

Replacement valve serial # 160949, UTC 2610659
Inlet Studs - UTC 2111768 ,2110333
Inlet Nuts - UTC 2640685
Outlet Flange Studs - UTC 2111962, 2111997, 2110841, 2102002, 2102019, 2112006
Valve built to 1974 S76 Addenda
Data Report for replacement valve is located in N5 system NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title ENGINEER

Date 3/4, 2004

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 Co. have inspected the components described in this Owner's Report during the period 03/03/2004 to 03/03/2004, 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.

NGG
3/11/04

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

Date 10 MARCH, 2004

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-9-021
965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/04/2004
Address Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station 00529778
RR3 Box 228, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
3. Work Performed by: Clinton Power Station Authorization No. N/A
RR3 Box 228, Clinton, IL 61727 Expiration Date N/A
Address
4. Identification of System NGE02 Code Class 1/3 2/3 3 111
(1/164 3/14/04)
5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda,
Code cases *AND 1977, W77
2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda,
Code cases none
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|----------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DIKKERS | 160541 | 48 | 1B21F041D | 1978 | Replaced | Yes |
| N/A R/R 3/14/04 | | | | | | | |
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7. Description of Work

Replace valve 1B21F041D. Installed spare valve, serial # 160540, Replaced inlet and outlet flange bolting.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Replacement valve serial number 160540, UTC 2567649
Inlet studs - UTC 2111755, 2111768
Inlet nuts- UTC 2640685
Outlet studs - UTC 2684456
Outlet nuts - 2684458
Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 3/4, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 05/20/2003 to 03/04/2004, 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. *OK 3/4/04*

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

Date 10 MARCH, 2004

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-9-022
965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/04/2004
Address Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station Name 00529781
RR3 Box 228, Clinton, IL 61727 Address Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
3. Work Performed by: Clinton Power Station Authorization No. N/A
RR3 Box 228, Clinton, IL 61727 Address Expiration Date N/A
Address
4. Identification of System NGE02 Code Class 1.3 RM 3/4/04 3
5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda, Code cases *AND 1977, W77
2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda, Code cases NONE
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|---------------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | DIKKERS | 160791 | 57 | 1B21F047A | 1978 | Replaced | Yes |
| N/A PRK 3/4/04 | | | | | | | |
| | | | | | | | |
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7. Description of Work

Replace valve 1B21F047A. Installed spare valve 160792, inlet and outlet flange bolting.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Replacement valve, serial number 160792, UTC 2567639
Inlet studs - UTC 2110333, 2111761
Inlet nuts - UTC 2640685
Outlet studs - UTC 2111973, 2684456, 2112014
Outlet nuts - UTC 2684458
Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

Owner or Owner's Designee, Title

Date 3/4, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/04/2004, and state that to the best of my knowledge and belief the Owner has ^{RTI 3/1/04} 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

Date 10 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> | Data Report No. <u>RF-9-023</u> |
| Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> | Date <u>03/09/2004</u> |
| Address | Sheet <u>1</u> of <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> | Unit <u>1</u> |
| Name | <u>00529777</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Repair Organization P.O. No., Job No. |
| 3. Work Performed by: <u>Clinton Power Station</u> | Type Code Symbol Stamp <u>N/A</u> |
| Address <u>RR3 Box 228, Clinton, IL 61727</u> | Authorization No. <u>N/A</u> |
| | Expiration Date <u>N/A</u> |
| 4. Identification of System <u>NGE02</u> | Code Class <u>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u> |
| 5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda, Code cases <u>*AND 1977, W77</u> | |
| 2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda, Code cases <u>none</u> | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> | |
| Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|-----------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | DIKKERS | 160788 | 205 | 1B21F041C | 1979 | Replaced | Yes |
| <i>N/A RIR 3/9/04</i> | | | | | | | |
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| | | | | | | | |

7. Description of Work

Replace valve 1B21F041C. Installed spare valve serial # 160943. Replaced inlet and outlet fange bolting.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

Replacement valve serial # 160943, UTC # 2567651
Inlet Studs - UTC 2110813, 2110333, 2111755
Inlet Nuts - UTC 2640685
Outlet Studs - UTC 2102011, 2111982, 2102025
Outlet Nuts - UTC 2684458
Valve built to 1974 S76 addenda
Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

R. P. [Signature]
Owner or Owner's Designee, Title

Date 3/09, 2004

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 ^{INC} have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/09/2004, and state that to the best of my knowledge and belief the Owner has ^{performed} performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions IL 1721
National Board, State, Province

Date 10 MARCH, 2004

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-9-024
 Name 965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/09/2004
 Address _____ Sheet 1 of 1
 Unit 1
2. Plant Clinton Power Station 00529779
 Name _____ Repair Organization P.O. No., Job No. _____
 Address RR3 Box 228, Clinton, IL 61727 Type Code Symbol Stamp N/A
3. Work Performed by: Clinton Power Station Authorization No. N/A
RR3 Box 228, Clinton, IL 61727 Expiration Date N/A
 Address _____
4. Identification of System NGE02 Code Class 1-5 RR14-3
5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda, Code cases *AND 1977, W77
 2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda, Code cases NONE
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DIKKERS | 160940 | 191 | 1B21F041F | 1979 | Replaced | Yes |
| N/A RAK 3/9/03 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work
Replaced valve 1B21F041F. Installed spare valve serial # 160537. Replaced inlet and outlet bolting.

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

9. Remarks
Replacement valve serial # 160537, UTC 2558177
Inlet studs - UTC 2110819, 2110813
Inlet nuts - UTC 2640685
Outlet studs - UTC 2684456
Outlet nuts - UTC 2684458
Valve built to 1974 S76 addenda
Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed



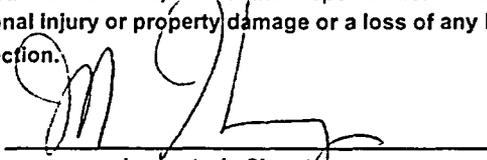
Owner or Owner's Designee, Title

Date 3/9, 2004

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 & CT have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/09/2004, 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

Date 10 MARCH, 2004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

P. J. [Signature]
Owner or Owner's Designee, Title

Date 3/9, 2004

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 ^{INC.} have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/09/2004, and state that to the best of my knowledge and belief the Owner has ^{done} 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

Date 10 MARCH, 2004

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

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

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

Data Report No. RF-9-026

Date 03/09/2004

Sheet 1 of 1

Unit 1

00529785

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System NGE02 Code Class 1-2 Air slider 3

5. (a) 1) Applicable Construction Code (Piping) SECTION III * 1974 Edition, S75 Addenda,
Code cases _____ *AND 1977, W77

2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S76 Addenda,
Code cases NONE

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | DIKKERS | 160785 | 56 | 1B21F051B | 1978 | Replaced | Yes |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |
| _____ | | | | | | | |

7. Description of Work

Replaced valve 1B21F051B. Installed spare serial # 160783. Replaced inlet and outlet flange bolting.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F

Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Replacement valve serial # 160783, UTC 2558178

Inlet studs - UTC 211768, 2110333, 2111755

Inlet nuts - UTC 2640685

Outlet studs - UTC 2684456

Outlet nuts - UTC 2684458

Valve built to 1974 S76 addenda

Data Report for replacement valve is located in N5 System NGE02, Supplement 1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date

7/9, 2004

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 Co. have inspected the components described in this Owner's Report during the period 05/15/2003 to 03/09/2004, 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

Date

10 MARCH, 2004

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

| | | | |
|---|---|---|---|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-027</u> | Date <u>03/10/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | Repair Organization P.O. No., Job No. <u>00003672</u> | Type Code Symbol Stamp <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | Authorization No. <u>N/A</u> | Expiration Date <u>N/A</u> |
| 4. Identification of System | <u>NGE02</u> | Code Class <u>1</u> | |
| 5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, None Addenda, Code cases 1622 | | | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | | | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ATWOOD MORRILL | 6-562 | NA | 1B21F028B | 1976 | Replacement | Yes |
| J. J. H. R&R 3/10/04 | | | | | | | |
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7. Description of Work

Install plant modification MSF012 on valve 1B21F028B in accordance with GE PDDR LH1-5846.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

MSIV Modification Kit received per UTC 2687044. All code parts received as part of Kit with the exception of poppet.
Poppet received per UTC 2106594.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
ENGINEER
Owner or Owner's Designee, Title

Date 3/10, 2004

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 CT. have inspected the components described in this Owner's Report during the period 05/12/2000 to 03/10/2004, 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. PRR
illicit

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

Date 3/12, 2004

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-9-028
 Name 965 Chesterbrook Blvd., Wayne, PA 19087
 Address

2. Plant Clinton Power Station Date 03/10/2004
 Name RR3 Box 228, Clinton, IL 61727
 Address

3. Work Performed by: Clinton Power Station Sheet 1 of 1
RR3 Box 228, Clinton, IL 61727 Unit 1
 Address

4. Identification of System NGE02 Code Class 1

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, None Addenda,
 Code cases 1622

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|----------------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | ATWOOD & MORRILL | 7-562 | N/A | 1B21F028C | 1976 | Replacement | Yes |
| N/A RIR 3/10/04 | | | | | | | |
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7. Description of Work
Install plant modification MSF012 on valve 1B21F028C in accordance with design change documents GE FDDR LHI-5846.

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

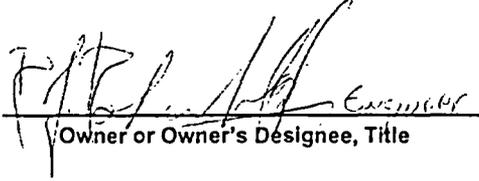
9. Remarks
MSIV modification kit received per UTC 2106594. All Code parts received as part of kit with the exception of poppet.
Poppet received per UTC 2687044.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

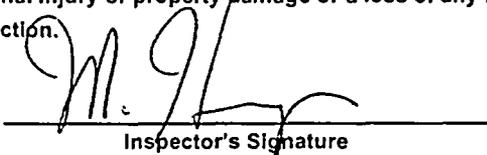

Owner or Owner's Designee, Title

Date 3/10, 2004

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 & Co. Ltd. Chicago have inspected the components described in this Owner's Report during the period 04/26/2000 to 03/10/2004, 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

Date 12 MARCH, 2004

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-9-029
965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/10/2004
Address Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station 00405236
RR3 Box 228, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
3. Work Performed by: Clinton Power Station Authorization No. N/A
RR3 Box 228, Clinton, IL 61727 Expiration Date N/A
Address
4. Identification of System NGE02 Code Class 1
5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, None Addenda, Code cases 1622
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-----------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ATWOOD/MORRELL | 8-562 | NA | 1B21F028D | 1976 | replacement | Yes |
| N/A - SR 5/14/04 | | | | | | | |
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7. Description of Work

Install plant modification MSF012 on valve 1B21F028D in accordance with GE FDDR LH1-5846. Perform weld buildup of seating area base metal to increase sectional thickness necessary to optimize overlay thickness. Installed hard facing overlay per welding.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Valve modification kit received per UTC 2106619. All Code parts associated with modification contained in kit.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

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

Date 3/10, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 03/14/2002 to 03/10/2004, 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

Date 15 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-030</u> Date <u>03/11/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>531246-14</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NFC03</u> Code Class <u>2</u> | |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 74 Edition, S74 Addenda, Code cases <u>None</u> | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Snubber | Pacific Scientific | 24487 | N/A | 1FC03081S | 85 | replaced | Yes |
| [Empty rows with handwritten 'N/A' and 'R.O.T. 2/1/04' in the center] | | | | | | | |

7. Description of Work
Replaced snubber 1FC03081S, PSA-1

8. Tests Conducted:

Hydrostatic Pneumatic Pressure _____ psi Test Temp. _____ °F

Nominal Operating Pressure Exempt Other None

9. Remarks
Replacement snubber received per UTC 2113583, Cat ID# 1151214, Serial # 24487

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Handwritten Signature]
Owner or Owner's Designee, Title

Date 3/11, 2004

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 Ct.} have inspected the components described in this Owner's Report during the period 03/11/2004 to 03/11/2004, 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. ^{PH. Stokes}

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.

[Handwritten Signature]
Inspector's Signature

Commissions IL 1721
National Board, State, Province

Date 12 MARCH, 2004

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

| | | |
|-----------------------------|---|--|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-031</u> Date <u>03/11/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>531246-35</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System | <u>NRT06</u> | Code Class <u>2</u> |

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases NONE

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Snubber | Pacific Scientific | 16745 | N/A | 1RT06018S | 85 | Replaced | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

7. Description of Work

Replaced snubber 1RT06018S, PSA 1/2

8. Tests Conducted:

Hydrostatic Pneumatic Pressure _____ psi Test Temp. _____ °F
Nominal Operating Pressure Exempt Other None

9. Remarks

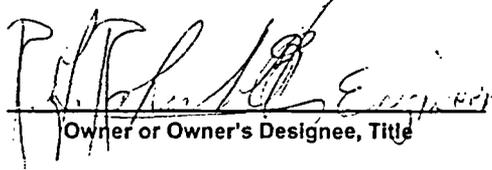
Snubber received per UTC 2113229, Cat ID# 1151218, Serial # 16745

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

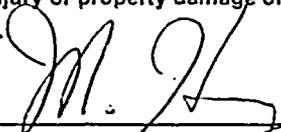

Owner or Owner's Designee, Title

Date 3/11, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 03/11/2004 to 03/11/2004, and state that to the best of my knowledge and belief the Owner has RMK 3/11/04 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

Date 12 MARCH, 2004

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

| | | |
|-----------------------------|---|---|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-033</u> Date <u>03/11/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>531246-17,33</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System | <u>NMS05</u> | Code Class <u>1</u> |

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Snubber | Pacific Scientific | 11431 | N/A | 1MS30013S | 86 | Replaced | Yes |
| Snubber | Pacific Scientific | 16736 | N/A | 1MS38028S | 86 | Replaced | Yes |
| <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); position: absolute; top: 50%; left: 50%;"> N/A RAR 3/11/04 </div> | | | | | | | |

7. Description of Work

Replaced Snubbers 1MS30013S - PSA 3; 1MS38028S - PSA 1/2

8. Tests Conducted:

Hydrostatic Pneumatic Pressure _____ psi Test Temp. _____ °F
Nominal Operating Pressure Exempt Other None

9. Remarks

Snubber Receipt Information:

1MS30013S - UTC 2112965, Cat ID # 1151222, Serial # 11431
1MS38028S - UTC2113206, Cat ID # 1151218, Serial # 16736

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI

Replacement
(repair or replacement)

Signed [Signature] Engineer
Owner or Owner's Designee; Title

Date 3/11, 2004

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 Ci. have inspected the components described in this Owner's Report during the period 03/11/2004 to 03/11/2004, 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. *Rick 3/11/04*

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

Date 12 MARCH, 2004

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

| | | |
|--|---|---|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-035</u> Date <u>03/12/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>531246-2,6,10,11</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System | <u>NRH09</u> | Code Class <u>2</u> |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, | Code cases None | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda | Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Snubber | Pacific Scientific | 30344 | N/A | 1RH09082S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 25823 | N/A | 1RH09053S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 15720 | N/A | 1RH09055S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 15881 | N/A | 1RH09054S | 1986 | Replaced | Yes |
| <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); position: absolute; top: 50%; left: 50%;">N/A</div> | | | | | | | |

7. Description of Work

Replaced snubbers 1RH09082S - PSA 3, 1RH09053S - PSA 3, 1RH09055S - PSA 10, 1RH09054S - PSA 10

8. Tests Conducted:

Hydrostatic Pneumatic Pressure _____ psi Test Temp. _____ °F
 Nominal Operating Pressure Exempt Other None

9. Remarks

Snubber Receipt Information:

1RH09082S - UTC 2113345, Cat ID# 1151217, Serial # 30344

1RH09053S - UTC 2113569, Cat ID# 1151217, Serial # 25823

1RH09055S - UTC 2108086, Cat ID# 1151215, Serial # 15720

1RH09054S - UTC 2108115, Cat ID# 1151215, Serial # 15881

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement _____
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee/Title

Date 3/12, 2004

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 ^{Co.} have inspected the components described in this Owner's Report during the period 03/12/2004 to 03/12/2004, 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

Date 12 MARCH, 2004

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-9-036
965 Chesterbrook Blvd., Wayne, PA 19087 Date 03/12/2004
Address Sheet 1 of 1
Unit 1

2. Plant Clinton Power Station Repair Organization P.O. No., Job No. 531246-3, 4, 5, 7, 8, 9
RR3 Box 228, Clinton, IL 61727 Type Code Symbol Stamp N/A
Address Authorization No. N/A
Expiration Date N/A

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

4. Identification of System NRH08 Code Class 2

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S1974 Addenda,
Code cases None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Snubber | Pacific Scientific | 17187 | N/A | 1RH08024S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 28262 | N/A | 1RH08076S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 25824 | N/A | 1RH08059S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 29138 | N/A | 1RH08047S | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 28254 | N/A | 1RH08017S | 1986 | Replaced | Yes |
| | | | N/A | | | | |

7. Description of Work

Replaced Snubbers - 1RH08024S - PSA 10, 1RH08076S - PSA 3, 1RH08059S - PSA 3, 1RH08047S - PSA 3, 1RH08017S - PSA 3

8. Tests Conducted:

Hydrostatic Pneumatic Pressure _____ psi Test Temp. _____ °F
Nominal Operating Pressure Exempt Other None

9. Remarks

Snubber Receipt Information:
1RH08024S - UTC 2108096, Cat ID # 1151215, Serial # 17187
1RH08076S - UTC 2113537, Cat ID # 1151217, Serial # 28262
1RH08059S - UTC 2113486, Cat ID # 1151217, Serial # 25824
1RH08047S - UTC 2113561, Cat ID # 1151217, Serial # 29138
1RH08017S - UTC 2113485, Cat ID # 1151217, Serial # 28254

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed


Owner or Owner's Designee, Title

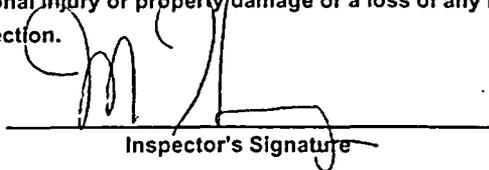
Date

3/12, 2004

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 ^{at Co.} have inspected the components described in this Owner's Report during the period 03/12/2004 to 03/12/2004, 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

Date

12 MARCH, 2004

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-9-037
 Name 965 Chesterbrook Blvd., Wayne, PA 19087
 Address
2. Plant Clinton Power Station Date 03/12/2004
 Name RR3 Box 228, Clinton, IL 61727
 Address 531246-4
3. Work Performed by: Clinton Power Station Repair Organization P.O. No., Job No.
RR3 Box 228, Clinton, IL 61727 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System NRH06 Code Class 2
5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, 74S Addenda,
 Code cases None
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|------------------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Snubber | Pacific Scientific | 29132 | N/A | 1RH09090SE | 1986 | Replaced | Yes |
| Snubber | Pacific Scientific | 29702 | N/A | 1RH09090SW | 1986 | Replaced | Yes |
| <i>N/A</i> <i>RAI 2/1/04</i> | | | | | | | |
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7. Description of Work

Replaced Snubber 1RH09090S. Snubber is a dual unit with east and west components. Snubbers are 3s.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure psi Test Temp. °F
 Nominal Operating Pressure Exempt Other None

9. Remarks

Snubber Receipt Information
1RH09090S-E - UTC 2113502, Cat ID # 1151217, Serial # 29132
1RH09090S-W - UTC 2113553, Cat ID # 1151217, Serial # 29702

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed [Signature]
Owner or Owner's Designee, Title

Date 3/12, 2002

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 Cr. 44} _{Ill. Inc.} have inspected the components described in this Owner's Report during the period 03/12/2004 to 03/12/2004, 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

Date 12 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-044</u> Date <u>03/18/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 540014 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>IWE/IWL</u> | Code Class <u>MC</u> |

5. (a) 1) Applicable Construction Code (Component-See Remarks)

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

Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Vessel | Illinois Power | N/A | N/A | DRYWELL | 1977 | Replacement | No |
| N/A - R4K s/n/dj | | | | | | | |
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7. Description of Work

Replacement of 6 Drywell Head Eyebolt assemblies, 1 Drywell Head Eyebolt

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other Flange bolting exempt

9. Remarks

Receipt Information:

Eyebolt Assemblies - Cat ID # 1388929, UTC 2686290
Eyebolt - Cat ID # 1148022, UTC 2117819

CPS Drywell not code stamped. Drywell functions as a part of Primary Containment and is subject to replacement requirements of Class MC Components.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed



Owner or Owner's Designee, Title

Date

3/18, 2004

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 at Ct. have inspected the components described in this Owner's Report during the period 03/18/2004 to 03/18/2004 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

Date

18 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-045</u> Date <u>03/18/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 489973 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NRH08</u> Code Class <u>1</u> | |
| 5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, Code cases 1516.1, 1567, 1622, 1635.1, 1677 | S75 Addenda, |

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | Anchor/Darling | E-6214-122-1 | NA | 1E12F009 | 1978 | Replacement | Yes |
| N/A RDK 3/18/04 | | | | | | | |
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7. Description of Work
Modified 1E12-F009 per EC 339006 to improve opening force of motor operator. Replaced Bonnet and Disc as a part of the modification.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

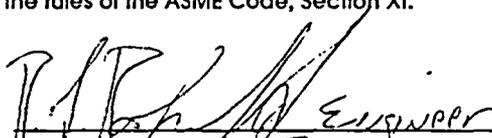
Code Parts Receipt Information:
Bonnet - Cat ID # 1387996, UTC 2686481
Disc - Cat ID # 1387997, UTC 2686479

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed



Owner or Owner's Designee, Title

Date 3/18, 2004

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 Co. have inspected the components described in this Owner's Report during the period 03/18/2004 to 03/18/2004 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. N.B. 3/18/04

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

Date 18 MARCH, 2004

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

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

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

Data Report No. RF-9-046

Date 03/18/2004

Sheet 1 of 1

Unit 1

00024713

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System NMS06 Code Class 1

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda, Code cases 1516.1, 1567, 1622, 1635.1, 1677

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ANCHOR DARLING | E-6214-155-1 | NA | 1B21F016 | 1979 | Replacement | Yes |
| _____ _____ _____ _____ _____ | | | | | | | |

7. Description of Work

Modified valve 1B21F016 to remove the valve leak-off line and replace the valve bonnet. The work performed IAW EC34503. Disc also replaced.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F

Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Code Parts Receipt Information:

Bonnet - Cat ID # 1388176, UTC 2685141

Disc - Cat ID # 1144968, UTC 2626134

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 3/17, 2004

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 & CT have inspected the components described in this Owner's Report during the period 02/22/2002 to 03/18/2004 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. *R:R/HRK*

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

Date 18 MARCH, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-047</u> Date <u>03/18/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 00470353 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NRT03</u> | Code Class <u>1</u> |
| 5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda, Code cases 1516.1, 1567, 1622, 1635.1, 1677 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Valve | ANCHOR DARLING | E-6214-4-1 | NA | 1G33F001 | 1978 | Replacement | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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7. Description of Work

Modified valve 1G33F001 to remove the valve leak-off line and replace the valve bonnet. Work performed IAW EC34504.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Code Parts Receipt Information:
Bonnet - Cat ID # 1388173, UTC 2686288

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 03/18, 2004

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 & Cr have inspected the components described in this Owner's Report during the period 07/09/2003 to 03/18/2004 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. HRT
3/18/04

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

Date 19 MARCH, 2004

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

| | | |
|-----------------------------|---|--|
| 1. Owner | <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-048</u> Date <u>03/18/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant | <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | <u>00576589</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> |
| 3. Work Performed by: | <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 4. Identification of System | <u>NRI01</u> | Code Class <u>2</u> |

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda, Code cases 1516.1, 1567, 1622, 1635.1, 1677

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ANCHOR DARLING | E-6214-87-1 | NA | 1E51F022 | 1978 | Replacement | Yes |
| <i>N/A</i> <i>KAR 3/18/04</i> | | | | | | | |
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7. Description of Work

Replaced Disc and Stem of valve 1E51-F022

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure Exempt Other

9. Remarks

Code Parts Receipt Information:
Disc and Stem Assembly - Cat ID # 1156567, UTC 2685222

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 03/18, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 07/17/2003 to 03/18/2004 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. ^{AK 3/18/04}

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

Date 19 MARCH, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address | Data Report No. <u>RF-9-051</u> Date <u>03/22/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | 00319441 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | |
| 4. Identification of System <u>NRH01</u> Code Class <u>2</u> | |

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases None

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Piping | ILLINOIS POWER | PIPING SYSTEM | N/A | NRH01 | 1985 | Replacement | Yes |
| Handwritten notes: N/A, RRP 3/22/04 | | | | | | | |
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7. Description of Work

Install a new thermal relief valve 1E12F112A in accordance with Design Change Package EC 330572. The design change adds the new valve and lines 1RH133AA-1" and 1RH133BA-2" between 1RH22AA-14" and 1RH30BA-12" lines. The 1" inlet line and valve are exempt. This data report documents installation of the 2" discharge line.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other line is open ended back to pool.

9. Remarks

Code Parts Receipt Information:
2" Piping - Cat ID # 1153225, UTC 2110367
Outlet Flange Studs - Cat ID # 11501411, UTC 2686168
Outlet Flange Nuts - Cat ID # 1152013, UTC 2649961
Pipet - 36-8 X 2 - Cat ID # 1146189, UTC 2118371
2" Flange - Cat ID # 1145915, UTC 2106911

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

ENGINEER
Owner or Owner's Designee, Title

Date 03/22, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 12/11/2001 to 03/22/2004 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. ^{see}

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

Date 25 MARCH, 2004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

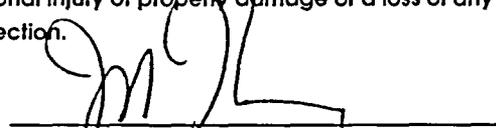

Owner or Owner's Designee, Title

Date 03/22, 2004

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 Ct.* have inspected the components described in this Owner's Report during the period 03/22/2004 to 03/22/2004 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. *11/11 3/22/04*

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

Date 25 MARCH, 2004

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

| | |
|--|---|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-054</u> Date <u>03/22/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> <u>00572034</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NRH01</u> Code Class <u>2</u> | |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases None (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Piping | ILLINOIS POWER | PIPING SYSTEM | N/A | NRH01 | 1985 | Replacement | Yes |
| N/A | | | | | | | |
| N/A | | | | | | | |
| N/A | | | | | | | |
| N/A | | | | | | | |
| N/A | | | | | | | |

7. Description of Work

Modify exempt relief valve 1E12-P025C discharge piping per EC 344836.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other open ended discharges to suppression pool.

9. Remarks

Code Material Receipt Information:

1 1/2" piping - Cat ID # 1153243, UTC 2635920
1 1/2" flange - Cat ID # 1145951, UTC 2104640

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner of Owner's Designee, Title

Date 03/22, 2004

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 & Co. have inspected the components described in this Owner's Report during the period 05/29/2003 to 03/22/2004 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. MM 3/22/04

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

Date 24 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address | Data Report No. <u>RF-9-055</u> Date <u>03/22/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | 00571995 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NRH07</u> | Code Class <u>2</u> |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases None 2) Applicable Construction Code (Component-Valve) Section III 1977 Edition, S77 Addenda, Code cases NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>N-416-1</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DRESSER | TE-34459 | N/A | 1E12F017B | 1982 | Replacement | Yes |
| N/A RHR/abk | | | | | | | |
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7. Description of Work

Replaced Relief Valve 1E12-F017B. Installed Crosby Valve per EC 344836. Modified inlet and discharge piping per EC.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other Discharge piping exempt

9. Remarks

Code Part Receipt Information:

Crosby Valve - Cat ID # 1389505, UTC 2688771, Serial Number N99662-00-0003
1 1/2" piping - Cat ID # 1153243, UTC 2635920
2" piping - Cat ID # 1386894, UTC 2672625
1 1/2" flange - Cat ID # 1395070, UTC 2687432
2" flange - Cat ID # 1145915, UTC 2106911

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

Owner or Owner's Designee, Title

Date 03/22, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 05/30/2003 to 03/22/2004 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. RKR
3/22/04

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

Date 24 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-056</u> Date <u>03/23/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 342373 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NSC01</u> Code Class <u>1</u> | |

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1977 Edition, S77 Addenda, Code cases NONE

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | CONAX CORPORATION | 70 | N/A | 1C41F004B | 76 | Replacement | Yes |
| N/A MR 3/23/04 | | | | | | | |
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7. Description of Work
Replace Trigger Assembly of SLC squib valve after firing.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

Code Replacement Parts Receipt Information:
Trigger Assembly - Cat ID # 1148279, UTC 2688486, Trigger Body - Serial Number 7065, Inlet Fitting - Serial Number 7070

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

P. A. L. Engineer
Owner or Owner's Designee, Title

Date

3/23, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 03/23/2004 to 03/23/2004 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. 118
3/23/04

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

M. J.
Inspector's Signature

Commissions

IL 1721
National Board, State, Province

Date

24 MARCH, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-059</u> Date <u>03/24/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 00319442 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 4. Identification of System <u>NRH08</u> Code Class <u>2</u> | |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S1974 Addenda, Code cases <u>None</u> | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-----------------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Piping | Illinois Power | PIPING SYSTEM | NA | NRH08 | 1985 | Replacement | Yes |
| N/A <i>RR3 3/24/04</i> | | | | | | | |
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7. Description of Work

Install a new thermal relief valve 1E12F112B in accordance with Design Change Package EC330706. The design change adds the new valve and lines 1RH132AB-1" and 1RH132BB-2" between 1RH22AB-14" and 1RH30BB-12" lines. The 1" line and valve are exempt but are described for clarity. This data report documents installation of the 2" discharge piping, 1RH132BB-2", cont. Remarks

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other Open-ended line

9. Remarks

Code Parts Receipt Information:
Pipette, 36-8 X 2, Cat ID # 1146189, UTC 2118371
2" Piping - Cat ID # 1153225, 2110367
2" Flange - Cat ID # 1145915, UTC 2106911
Studs - Cat ID # 11501411, UTC 2686168
Nuts - Cat ID # 11520131, UTC 2649961
Desc. of Work Cont. - between relief valve 1E12-F112B and Line 1RH30BB-12"

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

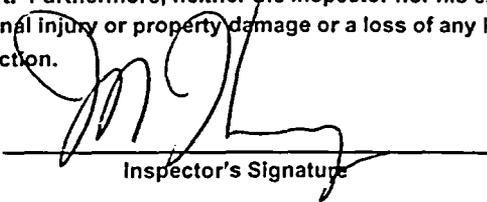

Owner or Owner's Designee, Title

Date 03/24, 2024

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 Ct. have inspected the components described in this Owner's Report during the period 12/11/2001 to 03/24/2004, 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. MR 3/24/04

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

Date 25 MARCH, 2004

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

| | |
|--|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address | Data Report No. <u>RF-9-060</u> Date <u>03/24/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | 502184 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | Code Class <u>1</u> |
| 4. Identification of System <u>NRI01</u> | Code Class <u>1</u> |

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda, Code cases 1516.1, 1567, 1622, 1635.1, 1677

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

Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|----------------------------------|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | Anchor Darling | E-6214-5-1 | N/A | 1E51F063 | 1979 | Replacement | No |
| N/A <i>RR 3/24/04</i> | | | | | | | |
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7. Description of Work

Valve 1E51-F063 modified per EC 341502 rev. 1 to remove stem leakoff line. Scope of modification includes replacement of bonnet.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

Code Parts Receipt Information:
Bonnet - Cat ID # 1388175, UTC 2686392

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

Owner or Owner's Designee, Title

Date 03/24, 2004

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 Ct have inspected the components described in this Owner's Report during the period 12/09/1903 to 03/24/2004 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. (if 3/24/04)

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

Date 24 MARCH, 2004

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

- | | |
|--|--|
| <p>1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address</p> | <p>Data Report No. <u>RF-9-062</u> Date <u>03/24/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> <u>00516591</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u></p> |
| <p>2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address</p> | |
| <p>3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address</p> | |
| <p>4. Identification of System <u>NRH07</u> Code Class <u>2</u></p> | |
| <p>5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1977 Edition, S77 Addenda, Code cases NA</p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>N-416-1</u></p> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | DRESSER | TE-34457 | NA | 1E12F005 | 1982 | Replacement | Yes |
| Piping | Illinois Power | PIPING SYSTEM | NA | NRH07 | 1985 | Replacement | Yes |
| <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); position: absolute; top: 50%; left: 50%;"> <i>N/A NR 3/24/04</i> </div> | | | | | | | |

7. Description of Work

Replaced relief valve 1E12-F005 with a Crosby model per EC 344836. Modified inlet and outlet piping to support valve fit per EC.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other [] N-416-1

9. Remarks

Code Parts Receipt Information:

- 1 1/2" piping - Cat ID # 1153243, UTC 2635920
- 2" piping - Cat ID # 1386894, UTC 2672625
- 1 1/2" flange - Cat ID # 1395070, UTC 2687109
- 2" flange - Cat ID # 1145915, UTC 2105832
- Valve - Cat ID # 1389503-1, UTC 2688807, serial Number N99659-00-0001

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

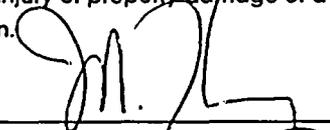

Owner or Owner's Designee, Title

Date 03/24, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 05/30/2003 to 03/24/2004 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. *will submit*

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

Date 26 MARCH, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address | Data Report No. <u>RF-9-064</u> Date <u>03/26/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | 489922 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | Code Class <u>1</u> |
| 4. Identification of System <u>NGE01</u> | Code Class <u>1</u> |

5. (a) 1) Applicable Construction Code (Component-Pump) Section III 1971 Edition, W73 Addenda,
Code cases NONE

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Pump | BINGHAM/WILLAMETTE | 14217102 | NB-395 | 1B33C001B | 1977 | Replacement | Yes |
| <i>N/A</i> | | | | | | | |

7. Description of Work

Replace pump stuffing box, lifting lugs received as part of pump back pullout assembly.
All other parts of assembly are one inch or less.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure [X] Exempt [] Other []

9. Remarks

Code Parts Receipt Information:
Pump back pullout assembly - Cat ID # 1393029, UTC 2688069

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

ENGINEER
Owner or Owner's Designee, Title

Date 03/26, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 03/26/2004 to 03/26/2004 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. PAIR
3/26/04

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

Date 29 MARCH, 2004

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

| | |
|---|---|
| 1. Owner <u>AmerGen Energy Co., LLC</u> <small>Name</small> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <small>Address</small> | Data Report No. <u>RF-9-065</u> Date <u>03/30/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> <small>Name</small> <u>RR3 Box 228, Clinton, IL 61727</u> <small>Address</small> | 00502187 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> <small>Address</small> | |
| 4. Identification of System <u>NRT03</u> Code Class <u>1</u> | |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases <u>None</u> | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda Code Cases <u>n416-1</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|---|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | ANCHOR/DARLING | E-6214-1-1 | NA | 1G33F101 | 1978 | Replacement | Yes |
| Valve | ANCHOR/DARLING | E-6214-141-1 | NA | 1G33F103 | 1979 | Replacement | Yes |
| Tank | CB&I Co. | B5225 | 4442 | 1B13D003 | 1978 | Replacement | Yes |
| Piping | ILLINOIS POWER | PIPING SYSTEM | NA | NRT03 | 1985 | Replacement | Yes |
| <i>N/A</i> <i>RR 3/30/04</i> | | | | | | | |

7. Description of Work

Performed the following work per EC 341501:
Replace valve 1G33F103 and downstream 3" piping
Replaced bonnet on 1G33F101
Replacement of CRDMs 24-25, 28-29 and bolting

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure Exempt Other N416-1

9. Remarks

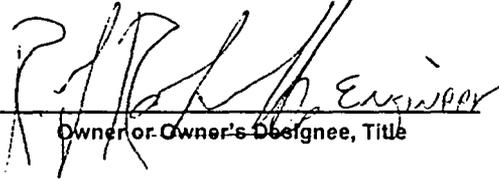
3" piping - Cat ID # 1389312, UTC 2675452
3" elbow - Cat ID # 1389620, UTC 2675556
3" Globe Valve - Cat ID # 1388180, UTC 2686308
3" Valve Bonnet - Cat ID # 1388170, UTC 2685139
Installed serial # A2168 at 24-25, A2308 at 28-29
CRD bolting - Cat ID # 1147766, UTC 2684461

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

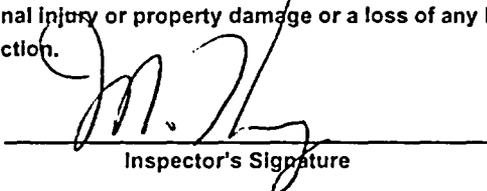

Owner or Owner's Designee, Title

Date 03/30, 2004

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 *at C.A.* have inspected the components described in this Owner's Report during the period 06/02/2003 to 03/30/2004, 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. *R.H. 3/30/04*

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

Date 5 APRIL, 2004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed *R.P. [Signature]*
Owner or Owner's Designee, Title

Date 4/1, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 08/01/2003 to 04/01/2004, and state that to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. [Signature]
Inspector's Signature

Commissions IL 1721
National Board, State, Province

Date 2 APRIL, 2004

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

Section 7 Description of work (continued)

| WO Task | Core Location | Removed Serial Number | Installed Serial Number |
|--------------|---------------|-----------------------|-------------------------|
| 531347-01 | 08-17 | 8942 | A2584/2156 ** |
| 531347-05 | 12-13 | A2698 | A2584/2156 ** |
| 531347-06 | 12-21 | A3383 | A2369 |
| 531347-07 | 12-45 | A3248 | A2440 |
| 531347-08 | 12-49 | A2451 | A3288 |
| 531347-09 | 20-13 | A3290 | A3232 |
| 531347-10 | 24-33 | 8195 | 8967 |
| 531347-11 | 24-49 | A2603 | A2702 |
| 531347-12 | 28-05 | A2456 | A2632 |
| 531347-13 | 28-21 | A3234 | 8935 |
| 531347-14 | 28-41 | A3407 | A2674 |
| 531347-15 | 32-09 | A2484 | A3222 |
| 531347-16 | 32-37 | 8557 | 9429 |
| 531347-17 | 32-49 | 8987 | 8508 |
| 531347-18 | 36-25 | 8638 | A3110 |
| 531347-19 | 40-05 | 6763 | A3376 |
| 531347-20 | 40-49 | 8445 | 8831 |
| 531347-21 | 44-45 | A2734 | A3225 |
| 531347-22 | 48-29 | A2432 | A3340 |
| 531347-23 | 52-21 | A3211 | A2729 |
| 531347-24 | 52-29 | A5511 | A3239 |
| 531347-25 | 32-49 | 8508 | A3148 * |
| 502187-32/41 | 24-25 | A2674 | A2168 |
| 502187-33/42 | 28-29 | 8508 | A2308 |

*installed per task 17-replaced after functional test failure

** Issue Report 212402

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

| | |
|---|--|
| <p>1. Owner <u>AmerGen Energy Co., LLC</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Name Address</p> | <p>Data Report No. <u>RF-9-067</u> Date <u>04/01/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u></p> |
| <p>2. Plant <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Name Address</p> | <p><u>00448086</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u></p> |
| <p>3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address</p> | <p>Code Class <u>2</u> <u>RF 4/1/04</u></p> |
| <p>4. Identification of System <u>NSC01</u></p> | |
| <p>5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases NONE 2) Applicable Construction Code (Component-Valve) Section III 77 Edition, S77 Addenda, Code cases N/A</p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u></p> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|-------------------------|-------------------------------|
| Valve | DRESSER | TE-34455 | N/A | 1C41F029A | 1983 | Replacement | Yes |
| Piping | ILLINOIS POWER | PIPING SYSTEM | N/A | NSC01 | 1986 | Replacement | Yes |
| <div style="font-size: 2em; opacity: 0.5; transform: rotate(-15deg); pointer-events: none;"> N/A 4/1/04 </div> | | | | | | | |

7. Description of Work

Replaced 1C41F029A with Crosby model per EC 344836. Inlet and outlet piping modified per EC to fit Crosby valve.

8. Tests Conducted:

Hydrostatic [] Pneumatic [] Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure [X] Exempt [] Other [] N-416-2

9. Remarks

Code Parts Receipt Information:

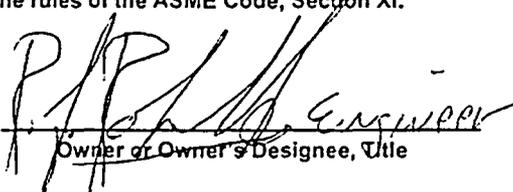
Valve - Cat ID # 1389688, UTC 2688483, Serial # N99660-00-0003
Piping - 1 1/2" - Cat ID # 1394829, UTC 2686774
Piping - 2" - Cat ID # 1145891, UTC 2106835, 211404
Flange - 1 1/2" - Cat ID # 1394828, 2686570
Flange - 2" - Cat ID # 1394827, UTC 2686843
Elbow - 2" - Cat ID # 1145933, UTC 2115600

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed


Owner or Owner's Designee, Title

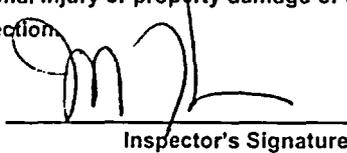
Date

04/01, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 06/09/2003 to 04/01/2004, 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. *231 pilot*

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

Date

1 APRIL, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> Address | Data Report No. <u>RF-9-068</u> Date <u>05/06/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name <u>RR3 Box 228, Clinton, IL 61727</u> Address | 00002654 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NLP01</u> Code Class <u>1</u> | |

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda, Code cases 1516.1, 1567, 1622, 1635.1, 1677

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve | ANCHOR/DARLING | E-6214-19-1 | NA | 1E21F006 | 1979 | REPLACEMENT | Yes |
| <div style="font-size: 2em; font-weight: bold; opacity: 0.5;">N/A</div> <div style="font-size: 0.8em; margin-top: 5px;">MPS 5/16/04</div> | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work

On valve 1E21F006 install modification M-079 per ECN 333700 to modify hinge pins and covers to convert valve from a testable check valve to a simple check.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

Code Parts Installed:
Valve Modification Kit (Hinge Pin Covers, Hinge Pin Cover Studs) - UTC 2110677

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

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

Date 05/06, 2004

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 Co.} have inspected the components described in this Owner's Report during the period 03/19/2002 to 05/06/2004, 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

Date 6 MAY, 2004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

Signed

[Signature]
Owner or Owner's Designee, Title

Date 05/06, 2004

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 Ct. have inspected the components described in this Owner's Report during the period 06/10/2003 to 05/06/2004, 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

Date 6 MAY, 2004

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

| | |
|---|--|
| 1. Owner <u>AmerGen Energy Co., LLC</u> Name 965 Chesterbrook Blvd., Wayne, PA 19087 Address | Data Report No. <u>RF-9-070</u> Date <u>05/14/2004</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> |
| 2. Plant <u>Clinton Power Station</u> Name RR3 Box 228, Clinton, IL 61727 Address | 00489998 Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> |
| 3. Work Performed by: <u>Clinton Power Station</u> <u>RR3 Box 228, Clinton, IL 61727</u> Address | |
| 4. Identification of System <u>NRT05</u> Code Class <u>2</u> | |
| 5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda, Code cases | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989 Edition, No Addenda</u> Code Cases <u>None</u> | |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Piping | ILLINOIS POWER | PIPING SYSTEM | NA | NRT05 | 1986 | Replacement | Yes |
| N/A per list | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work

On line 1RT06D-4" replace existing blank flange on the decon connection with a new flange with test connections per EC 339013.

8. Tests Conducted:

Hydrostatic Pneumatic Pressure N/A psi Test Temp. N/A °F
 Nominal Operating Pressure Exempt Other

9. Remarks

4 inch flange received per Cat I.D. # 1146185, UTC 2118539
Note: test connection valves and piping exempt per size <1".

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this conforms to the rules of the ASME Code, Section XI.

Replacement
(repair or replacement)

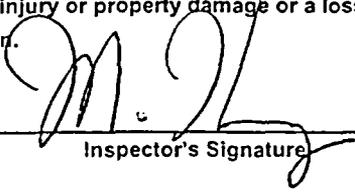
Signed 
Owner or Owner's Designee, Title

Date 05/15, 2004

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 Co. have inspected the components described in this Owner's Report during the period 06/19/2003 to 05/14/2004, 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

Date 5/17, 2004