



An Exelon/British Energy Company

Clinton Power Station

P.O. Box 678
Clinton, IL 61727
Phone: 217 935-8881

U-603453
1A.120

February 5, 2001

Docket No. 50-461


Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Clinton Power Station
Inservice Inspection Summary Report

Dear Madam or Sir:

In accordance with ASME Section XI, Article IWA-6000, AmerGen Energy Company, LLC, submits the enclosed Inservice Inspection Summary Report for Clinton Power Station (CPS). This summary report addresses the Inservice Inspection activities performed at CPS from May 27, 1999 to November 12, 2000, including the seventh refueling outage. This is the first report for the second ten-year interval.

Sincerely yours,

 for M. A. Reandeau

M. A. Reandeau
Director-Licensing

MAR/krk

Enclosure

cc: NRC Clinton Licensing Project Manager
NRC Resident Office, V-690
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety

A047

AmerGen

An Exelon/British Energy Company

INSERVICE INSPECTION SUMMARY REPORT

REPORT DATE: January 11, 2001

INSERVICE DATE: April 24, 1987

REFUELING OUTAGE: RF-7

CLINTON POWER STATION

P.O. BOX 678 RT. 54 E. CLINTON, ILLINOIS 61727

INSERVICE INSPECTION
SUMMARY REPORT

RF-7

Prepared by:

J.P. Schmidt , 12/19/00
C.E. Rogan , 1/8/01
Thomas Quirk , 1/8/01

Mirza Bani , 1-8-2001

Reviewed by: Stanley , 1-9-01
Director - Plant Engineering Date

Approved by: K. A. Bazar , 1/11/01
Manager / NSED Date

Concurrence: M. H. Walsh , 9 JAN 2001
ANII Date

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SECTION 1

INTRODUCTION AND SCOPE

INTRODUCTION:

This Summary Report covers the Inservice Inspection performed at Clinton Power Station (CPS), between May 27, 1999 and November 12, 2000 and is the first report of the second ten-year interval. This is the first inspection performed during the first inspection period of the second ten (10)-year interval. During this Fuel Cycle, CPS experienced 3 planned outages and 1 forced outage. The planned outages were MO-8, MO-9 and MO-10 and forced outage was FO-00-01. All examinations, tests, repairs and replacements were performed in accordance with the CPS ISI Program Manual 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 FM Global Insurance Co. (Factory Mutual Engineering Association). 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 (see 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.
- * Scheduled Inservice Examinations - The NIS-1 Data Report (Section 2) provides the listing of all examinations completed during RF-7. Conditions noted during RF-7 and corrective measures taken are described in the NIS-1 Data Report.
- * Snubbers - There are 583 snubbers in the ISI Program required by CPS Operational Requirements Manual (ORM). A representative sample of (10% of each Type) sixty (60) snubbers were selected for functional testing. Three failures from RF-6 and 5 snubbers were also tested for Service Life Monitoring program. Three failures occurred during this testing which resulted in an additional forty-seven (47) snubbers being tested.
- * Component Supports - Twenty-one (21) component supports (other than snubbers) and two (2) class 3 integral attachments were scheduled for visual examination for RF-7. 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 was successfully performed prior to plant startup.
- * Erosion/Corrosion Inspections - Ultrasonic wall thickness (UT) measurements or Pulsed Eddy Current Testing were performed at 131 locations in 13 systems during RF-7. This included 86 first time inspection locations

SECTION 1

INTRODUCTION AND SCOPE

and 45 repeat inspections. All locations were analyzed and found acceptable with the exception of 2 items which were replaced.

* Repairs and Replacements - During the seventh refueling outage (RF-7) no repairs and replacements were required as a result of scheduled examinations. During RF-7, 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 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, P.O. Box 678, Rt. 54E, Clinton, IL 61727
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 4/24/87 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer Or Installer	Manufacturer or Installer Serial No.	State Number	National Board No.
Reactor Vessel 1B13-D003	Chicago Bridge & Iron Co.	B5225	B005056	4442
RHR Heat Exchanger A 1E12-B001A	Joseph Oat Corp.	2318-A	U0143958	1052
Pump 1B33-C001A	Bingham Willamette Co.	14217101	N/A	NB-394
Pump 1E12-C002A	Byron Jackson	741-S-1448	N/A	N/A
Pump 1E21-C001	Byron Jackson	741-S-1451	N/A	N/A
Pump 1E22-C001	Byron Jackson	731-S-1186	N/A	N/A
Pump 1E51-C001	Bingham Willamette Co.	16210287	N/A	NB550
Valve 1B21-F022C	Atwood & Morrill Co.	1-562	N/A	N/A
Valve 1B21-F032A	Anchor/Darling Valve Co.	E-6214-157-1	N/A	N/A
Valve 1B33-F023A	Anchor/Darling Valve Co.	E5834-1-1	N/A	N/A
Valve 1E12-F008	Anchor/Darling Valve Co.	E-6214-10-1	N/A	N/A
Valve 1E12-F041A	Anchor/Darling Valve Co.	E6214-20-1	N/A	N/A
Valve 1E22-F004	Anchor/Darling Valve Co.	1N191	N/A	N/A
Valve 1E51-F013	Anchor/Darling Valve Co.	E6214-169-1	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 (Back)

8. Examination Dates 05/27/99 to 11/12/00 9. Inspection Interval from 01/01/00 to 12/31/2009

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 Jan 11 2001 Signed AmerGen Energy Co., LLC By [Signature]
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 FMIC of Rhode Island have inspected the components described in this owner's report during the period 05/27/99 to 11/12/00, 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 this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions

IL #1721

National Board, state, province, and endorsements

Date 11 JANUARY 2001

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
008451	CORESPRAY INTERNAL PIPING	UT/VT-1	N/A	N/A	1	SEE NOTE 4
008452	SHROUD SUPPORT WELDS	EVT-1	N/A	N/A	1	ACCEPTABLE
008453	JET PUMP RISER TO TRANSITION PIECE(5)	EVT-1	N/A	N/A	1	ACCEPTABLE
008454	LPCI(A&B) PIPING	EVT-1	N/A	N/A	1	ACCEPTABLE
008455	STEAM DRYER SUPPORT BRACKET	EVT-1	B13.21	B-N-2	1	ACCEPTABLE
008456	GUIDE ROD ATTACHMENT	VT-3	B13.21	B-N-2	1	ACCEPTABLE
008100	VESSEL INTERIOR	VT-3	B13.10	B-N-1	1	ACCEPTABLE
008110	CORE SHROUD	UT	N/A	N/A	1	DEFERRED TO RF-8
008251	STEAM SEPARATOR (1/2)	VT-3	N/A	N/A	1	ACCEPTABLE
008450	CORESPRAY SPARGERS WELDED ATTACHMENTS	EVT-1	B13.21	B-N-2	1	ACCEPTABLE
008551	JET PUMP COMPONENTS (1/3)	VT-3	N/A	N/A	1	SEE NOTE 5
008711	CORE SPRAY SPARGERS	EVT-1	N/A	N/A	1	ACCEPTABLE
009750	STM. DRYER HOLDDOWN BRACKETS	VT-3	B13.21	B-N-2	1	ACCEPTABLE
009100	CH-MA	UT	B1.22	B-A	1	ACCEPTABLE
009150	CH-MB	UT	B1.22	B-A	1	ACCEPTABLE
009450	N7	UT	B3.90	B-D	1	ACCEPTABLE. SEE NOTE 1.
009600	N7-IRS	UT	B3.10	B-D	1	ACCEPTABLE
114000	1-FW-2-1-2	MT/UT	B9.11	B-J	1	ACCEPTABLE
114020	1-FW-2-2	MT/UT	B9.11	B-J	1	SUBST. BY REF NO. 114640
114320	1-FW-1-1-6	MT	B10.10	B-K-1	1	ACCEPTABLE
151020	1-HP-5-2A	MT	B10.10	B-K-1	1	ACCEPTABLE
141000	1-LP-1-1	MT/UT	B9.11	B-J	1	ACCEPTABLE
141020	1-LP-1-1A	MT	B10.10	B-K-1	1	ACCEPTABLE
102620	1-MS-BSA-1-FB	VT-1	B7.50	B-G-2	1	ACCEPTABLE
105000	1-MS-CSB-1	MT/UT	B9.11	B-J	1	DEFERRED TO RF-8.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
105020	1-MS-CSB-1-FB	VT-1	B7.50	B-G-2	1	DEFERRED TO RF-8.
107020	1-MS-DSA-1-FB	VT-1	B7.50	B-G-2	1	ACCEPTABLE
120000	1-NB-1-1-2Q1	MT/UT	B9.11	B-J	1	ACCEPTABLE
120020	1-NB-1-1-2Q1-FB	VT-1	B7.50	B-G-2	1	ACCEPTABLE
161020	1-RH-18-18	MT	B10.10	B-K-1	1	ACCEPTABLE
161680	1-RH-23-1A	MT/UT	B9.11	B-J	1	SUBST. BY REF NO. 161780
162260	1-RH-23-8	MT/UT	B9.11	B-J	1	ACCEPTABLE
163000	1-RH-12-1	MT/UT	B9.11	B-J	1	ACCEPTABLE
163020	1-RH-12-17	MT	B10.10	B-K-1	1	ACCEPTABLE
163620	1-RH-12-6	MT/UT	B9.11	B-J	1	ACCEPTABLE
165760	1-RH-37-4-4	MT/UT	B9.11	B-J	1	ACCEPTABLE
165820	1-RH-37-7Q1	MT/UT	B9.11	B-J	1	ACCEPTABLE
180040	1-RI-13-6-3	MT/UT	B9.11	B-J	1	ACCEPTABLE
180220	1-RI-13-7Q2	MT/UT	B9.11	B-J	1	ACCEPTABLE
181340	1-RI-14-8-2Q1FB	VT-1	B7.50	B-G-2	1	ACCEPTABLE
135020	1-RR-A-5	PT/UT	B9.11	B-J	1	ACCEPTABLE
135140	1-RR-A-7	PT/UT	B9.11	B-J	1	SUBST. BY REF NO. 135240
135180	1-RR-A-7/CRW	PT/UT	B9.31	B-J	1	ACCEPTABLE
130800	1-RR-AB-1	PT/UT	B9.11	B-J	1	ACCEPTABLE
137920	1-RR-B-20	PT/UT	B9.11	B-J	1	SUBST. BY REF NO. 137820
171040	1-RT-36-1-2	MT/UT	B9.11	B-J	1	ACCEPTABLE
171700	1-RT-35-2	MT/UT	B9.11	B-J	1	ACCEPTABLE
172000	1-RT-34-3	MT/UT	B9.11	B-J	1	ACCEPTABLE
200160	SHOCK SUPPRESSOR LUGS; NOS. 1 THRU 4	PT	B10.20	B-K-1	1	ACCEPTABLE
230120	1B21-F022C	VT-1	B7.70	B-G-2	1	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
230240	1B21-F032A	VT-1	B7.70	B-G-2	1	ACCEPTABLE
230600	1B33-F023A	VT-1	B7.70	B-G-2	1	ACCEPTABLE
230720	1E12-F008	VT-1	B7.70	B-G-2	1	ACCEPTABLE
230840	1E12-F041A	VT-1	B7.70	B-G-2	1	ACCEPTABLE
231020	1E22-F004	VT-1	B7.70	B-G-2	1	ACCEPTABLE
231080	1E51-F013	VT-1	B7.70	B-G-2	1	ACCEPTABLE
400000	HEA-1	UT	C1.20	C-A	2	ACCEPTABLE. SEE NOTE 2.
560720	1-HP-1-13-2	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
550880	1-LP-2-18	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
572680	1-RH-13-14Q1	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
575020	1RH07091R-WA	MT	C3.20	C-C	2	ACCEPTABLE
576100	1-RH-26-8	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
577880	1-RH-21-5-7	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
579860	1RH12004R-WA	MT	C3.20	C-C	2	ACCEPTABLE
582260	1-RH-8-6-5	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
594460	1-RH-26-7-2	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
596320	1-RH-16-1-2	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
597320	1RH21001A-WA	MT	C3.20	C-C	2	SUBST. BY REF NO. 596485
599720	1-RH-9-11-4	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
610020	1-R1-8-1-2Q1	MT/UT	C5.51	C-F-2	2	ACCEPTABLE
800120	RHR-A-2	MT	C6.10	C-G	2	ACCEPTABLE. SEE NOTE 3.
800210	RHR-A-7	MT	C6.10	C-G	2	ACCEPTABLE
802610	HPCS-7	MT	C6.10	C-G	2	ACCEPTABLE
801520	LPSC-2	MT	C6.10	C-G	2	ACCEPTABLE
801610	LPSC-7	MT	C6.10	C-G	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
803400	RCIC-4	MT	C6.10	C-G	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 1 NOTES

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 956 Chesterbrook Blvd., Wayne, PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations

Note 1:

The examination coverage for Nozzle to shell weld, N7, was 66.3% only. A relief request will be submitted.

Note 2:

The examination coverage for HEA-1 weld was 92% only. This meets the Code requirements per Code Case N-460.

Note 3:

The examination coverage for weld RHR-A-2 was 87% only. A relief request will be submitted.

Note 4:

In accordance with BWR VIP-18 document, Ultrasonic examinations were performed on the accessible areas of the selected welds (12) on Core Spray Piping. Indications were recorded on two (2) of these welds (CP2 and BP2). The length of the indications is as follows;

CP2	---	0.83 inch
BP2	---	1.83 inch

See Attachment 2 for further discussion.

Also, VT-1 was performed on Flange Bolting.

Note 5:

Clinton Power Station has committed to implement BWR Owners group VIP recommendations. VIP-41, BWR Jet Pump Assembly Inspection and Flaw Evaluation Guidelines, identifies that only weld RS-3 is required to be examined in RF-7. The remaining welds/items need to be examined in later outages. Therefore, CPS has deferred all welds/items to later outages except RS-3 welds on five (5) Jet Pump Risers.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 2

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Substituted and Additional Examinations

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
114640	1-FW-2-1-3	MT/UT	B9.11	B-J	1	ACCEPTABLE
161780	1-RH-23-2	MT/UT	B9.11	B-J	1	ACCEPTABLE
135240	1-RR-A-8	PT/UT	B9.11	B-J	1	ACCEPTABLE
137820	1-RR-B-19	PT/UT	B9.11	B-J	1	ACCEPTABLE
250020	1B21-F010B	VT-3	B12.50	B-M-2	1	ACCEPTABLE. SEE NOTE 1
250860	1E12-F041B	VT-3	B12.50	B-M-2	1	ACCEPTABLE. SEE NOTE 1
251040	1E22-F005	VT-3	B12.50	B-M-2	1	ACCEPTABLE. SEE NOTE 1
596485	1RH02016R-WA	MT	C3.20	C-C	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 2 NOTES

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Substituted and Additional Examinations

Note 1:

A visual examination (VT-3) of valve internal surfaces was performed when valve was disassembled for maintenance.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 3

- | | |
|--|--|
| 1. Owner: Amergen Energy Co., LLC, 956 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations: Listing of Scheduled Visual Examinations/Functional Tests of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
903870	1DG02013S	VT3/FT	N/A	N/A	0	ACCEPTABLE
903862	1DG04001S	VT3/FT	N/A	N/A	0	ACCEPTABLE
903856	1DG06018S	VT3/FT	N/A	N/A	0	ACCEPTABLE
909580	1FC11005S	VT3/FT	N/A	N/A	3	FT UNACCEPTABLE
903760	1FW01003V	VT3	F1.10	F-A	1	ACCEPTABLE
903700	1FW02001S	VT3/FT	F1.10	F-A	1	ACCEPTABLE
903735	1FW02004S	VT3/FT	F1.10	F-A	1	ACCEPTABLE
903800	1FW02011S	VT3/FT	F1.10	F-A	1	FT UNACCEPTABLE
922020	1H303A	VT3	F1.40	F-A	1	ACCEPTABLE
903876	1HG15010S	VT3/FT	N/A	N/A	2	ACCEPTABLE
906000	1HP01005C,	VT3	F1.10	F-A	1	ACCEPTABLE
906135	1HP03001V	VT3	F1.20	F-A	2	ACCEPTABLE
906160	1HP03006S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
906640	1HP03013S-DN	VT3/FT	N/A	N/A	2	ACCEPTABLE
906660	1HP03013S-UP	VT3/FT	N/A	N/A	2	ACCEPTABLE
903894	1HP04022S	VT3/FT	N/A	N/A	2	ACCEPTABLE
906724	1IS01042S	VT3/FT	N/A	N/A	2	ACCEPTABLE
906752	1LP03006S	VT3/FT	N/A	N/A	2	ACCEPTABLE
908385	1LP04031V	VT3	F1.20	F-A	2	ACCEPTABLE
909257	1MS05004S	VT3/FT	N/A	N/A	1	ACCEPTABLE
948060	1MS07005S	VT3/FT	N/A	N/A	D	ACCEPTABLE
911285	1MS10706S	VT3/FT	N/A	N/A	3	FT UNACCEPTABLE
910310	1MS22004S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910230	1MS23009S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910770	1MS25004S	VT3/FT	F1.30	F-A	3	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 3

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 956 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

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

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

10. Abstract of Examinations: Listing of Scheduled Visual Examinations/Functional Tests of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
910150	1MS26005S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910725	1MS28009S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910080	1MS32002S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910635	1MS34008S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
910845	1MS35002S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
909281	1MS38005S	VT3/FT	N/A	N/A	1	ACCEPTABLE
909374	1MS38096S	VT3/FT	N/A	N/A	2	ACCEPTABLE
909336	1RB24565S	VT3/FT	N/A	N/A	2	ACCEPTABLE
909366	1RB24568S	VT3/FT	N/A	N/A	2	ACCEPTABLE
917020	1RH02005R	VT3	F1.20	F-A	2	ACCEPTABLE
912080	1RH04011X	VT3	F1.10	F-A	1	ACCEPTABLE
912085	1RH04012S	VT3/FT	F1.10	F-A	1	ACCEPTABLE
914815	1RH07025S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
914870	1RH07036S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
913435	1RH07056X	VT3	F1.20	F-A	2	ACCEPTABLE
915655	1RH08010S	VT3/FT	N/A	N/A	2	ACCEPTABLE
914900	1RH08023R	VT3	F1.20	F-A	2	ACCEPTABLE
913365	1RH08027X	VT3	F1.20	F-A	2	ACCEPTABLE
916720	1RH08040X	VT3	F1.20	F-A	2	ACCEPTABLE
916724	1RH08086S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
914120	1RH09044S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
914125	1RH09045S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
913240	1RH10008S	VT3/FT	N/A	N/A	2	ACCEPTABLE
913930	1RH12004R	VT3	F1.20	F-A	2	ACCEPTABLE
916510	1RH12007S	VT3/FT	N/A	N/A	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 3

- | | |
|---|---|
| 1. Owner: Amergen Energy Co., LLC, 956 Chesterbrook Blvd., Wayne, PA 19087
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Visual Examinations/Functional Tests of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
916180	1RH13015S	VT3/FT	N/A	N/A	2	ACCEPTABLE
947520	1RH23013S	VT3/FT	N/A	N/A	0	ACCEPTABLE
912315	1RH34009X	VT3	F1.10	F-A	1	ACCEPTABLE
916040	1RH72015S	VT3/FT	N/A	N/A	2	ACCEPTABLE
916060	1RH72040S	VT3/FT	N/A	N/A	2	ACCEPTABLE
914240	1RH80006S	VT3/FT	N/A	N/A	2	ACCEPTABLE
919160	1RI01013W	VT3/FT	F1.10	F-A	1	ACCEPTABLE
921025	1RI02008S	VT3/FT	F1.20	F-A	2	ACCEPTABLE
913040	1RI07018S	VT3/FT	N/A	N/A	2	ACCEPTABLE
919280	1RI18002S	VT3/FT	N/A	N/A	1	ACCEPTABLE
923000	1RT01001C,	VT3	F1.10	F-A	1	ACCEPTABLE
923005	1RT01002S	VT3/FT	F1.10	F-A	1	ACCEPTABLE
923180	1RT01028X	VT3	F1.10	F-A	1	ACCEPTABLE
925035	1RT05003S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
924075	1RT06029S	VT3/FT	N/A	N/A	3	ACCEPTABLE
924085	1RT06037S	VT3/FT	N/A	N/A	3	ACCEPTABLE
924295	1RT07024S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
921150	1RT08007S	VT3/FT	N/A	N/A	2	ACCEPTABLE
925400	1RT09012S	VT3/FT	N/A	N/A	3	ACCEPTABLE
925700	1RT28007S	VT3/FT	N/A	N/A	3	ACCEPTABLE
909180	1S104C	VT3/FT	F1.10	F-A	1	ACCEPTABLE
909275	1S105D	VT3/FT	F1.10	F-A	1	ACCEPTABLE
909090	1S106B	VT3/FT	F1.10	F-A	1	ACCEPTABLE
922125	1S370A	VT3/FT	F1.10	F-A	1	ACCEPTABLE
921300	1SD90-SP1	VT3	F1.20	F-A	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 3

- | | |
|--|--|
| 1. Owner: Amergen Energy Co., LLC, 956 Chesterbrook Blvd., Wayne, PA 19087

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations: Listing of Scheduled Visual Examinations/Functional Tests of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
940815	1SX01008X	VT3	F1.30	F-A	3	ACCEPTABLE
941705	1SX02003R	VT3	F1.30	F-A	3	ACCEPTABLE
941710	1SX02003R-WA	VT3	D2.20	D-B	3	ACCEPTABLE
941995	1SX02017A	VT3	F1.30	F-A	3	ACCEPTABLE
942000	1SX02017A-WA	VT3	D2.20	D-B	3	ACCEPTABLE
942905	1SX10007G	VT3	F1.30	F-A	3	ACCEPTABLE
945425	1SX12010S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
946280	1SX15019S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
947220	1SX17027S	VT3/FT	N/A	N/A	3	ACCEPTABLE
943575	1SX24017S	VT3/FT	F1.30	F-A	3	ACCEPTABLE
916160	1SX30008S	VT3/FT	N/A	N/A	2	ACCEPTABLE
947240	1SX38013S	VT3/FT	N/A	N/A	3	ACCEPTABLE
909660	1TX16049S	VT3/FT	N/A	N/A	3	ACCEPTABLE
949280	1VG01005S	VT3/FT	N/A	N/A	0	ACCEPTABLE
949340	1VG03018S	VT3/FT	N/A	N/A	0	ACCEPTABLE
902000	RPV SUPPORT SKIRT	VT3	F1.40	F-A	1	ACCEPTABLE

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, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

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: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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

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 one (1) valve packing and three (3) bolted flanged connections was noted.

Corrective Measures: The leakage was corrected/stopped.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations: Listing of Scheduled Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
0AS034A	UT	D	SEE NOTE 1
0AS034B	UT	D	SEE NOTE 1
0AS048A	UT	D	SEE NOTE 1
0AS048B	UT	D	SEE NOTE 1
0AS053	UT	D	SEE NOTE 1
0AS13AA	UT	D	SEE NOTE 1
0AS52A	UT	D	SEE NOTE 1
0AS74AA	UT	D	SEE NOTE 1
CBELL3.3	UT	D	ACCEPTABLE
CBELL4.3	UT	D	ACCEPTABLE
CBNOZ10.1	UT	D	ACCEPTABLE
CBNOZ11.1	UT	D	ACCEPTABLE
CBNOZ12.1	UT	D	ACCEPTABLE
CBNOZ3.1	UT	D	ACCEPTABLE
CBNOZ5.1	UT	D	ACCEPTABLE
CBNOZ6.1	UT	D	ACCEPTABLE
CBNOZ7.1	UT	D	ACCEPTABLE
CBNOZ8.1	UT	D	ACCEPTABLE
CBSREL11.1	UT	D	ACCEPTABLE
CBVLV22.2	UT	D	ACCEPTABLE
1CD28B	UT	D	ACCEPTABLE
1DV15AA	UT	D	ACCEPTABLE
1DV24AA	UT	D	ACCEPTABLE
1DV32AA	UT	D	ACCEPTABLE
1DV48BA	UT	D	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

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|--|--|
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2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations: Listing of Scheduled Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
1DV48BB	UT	D	ACCEPTABLE
DVTEE1.1	UT	D	ACCEPTABLE
DVTEE2.1	UT	D	ACCEPTABLE
DVTEE3.1	UT	D	ACCEPTABLE
DVTEE4.1	UT	D	ACCEPTABLE
DVTEE5.1	UT	D	ACCEPTABLE
DVTEE6.1	UT	D	ACCEPTABLE
ES16AA	UT	D	ACCEPTABLE
ES16AB	UT	D	ACCEPTABLE
ES19AA	UT	D	ACCEPTABLE
ES22AA	UT	D	ACCEPTABLE
ESELL10.6	UT	D	ACCEPTABLE
ESELL20.2	UT	D	ACCEPTABLE
ESELL22.6	UT	D	ACCEPTABLE
ESELL3.3	UT	D	ACCEPTABLE
ESELL9.6	UT	D	ACCEPTABLE
ESLAT4.1	UT	D	ACCEPTABLE
ESNOZ8.1	UT	D	ACCEPTABLE
ESPIP10.9	UT	D	ACCEPTABLE
1CB02AA	UT	D	ACCEPTABLE
1CB03AB	UT	D	ACCEPTABLE
1CB04AA	UT	D	ACCEPTABLE
1CB05AA	UT	D	ACCEPTABLE
1FW008A	UT	D	ACCEPTABLE
1FW008B	UT	D	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
1FW01AA	UT	D	ACCEPTABLE
FW45EL10.1	UT	A	ACCEPTABLE
FW45EL7.1	UT	A	ACCEPTABLE
FW45ELL12.3	UT	A	ACCEPTABLE
FWELL2.2	UT	D	ACCEPTABLE
FWELL3.1	UT	D	ACCEPTABLE
FWELL8.2	UT	A	ACCEPTABLE
FWNO22.1	UT	D	ACCEPTABLE
FWTEE3.1	UT	D	ACCEPTABLE
FWTEE8.1	UT	A	ACCEPTABLE
MFNO21.1	UT	D	ACCEPTABLE
MFNO22.1	UT	D	ACCEPTABLE
MFNO23.1	UT	D	ACCEPTABLE
MFVLV1.1	UT	D	ACCEPTABLE
MFVLV2.1	UT	D	ACCEPTABLE
MFVLV3.1	UT	D	ACCEPTABLE
1GS47B	UT	D	ACCEPTABLE
GSELL1.1	UT	D	ACCEPTABLE
GSELL4.7	UT	D	ACCEPTABLE
GSTEE1.1	UT	D	ACCEPTABLE
GSTEE4.1	UT	D	ACCEPTABLE
GSVLV1.2	UT	D	ACCEPTABLE
1HD016A	UT	D	ACCEPTABLE
1HD06AA	UT	D	ACCEPTABLE
1HD21CA	UT	D	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
1HD60HA	UT	D	ACCEPTABLE
1HD60HB	UT	D	ACCEPTABLE
HD45EL6.2	UT	D	ACCEPTABLE
HDELL12.1	UT	D	ACCEPTABLE
HDELL16.4	UT	D	ACCEPTABLE
HDELL22.10	UT	D	ACCEPTABLE
HDELL22.18	UT	D	ACCEPTABLE
HDELL50.7	UT	D	ACCEPTABLE
HDELL51.6	UT	D	ACCEPTABLE
HDELL53.1	UT	D	ACCEPTABLE
HDEXP70.1	UT	D	ACCEPTABLE
HDNOZ15.1	UT	D	ACCEPTABLE
HDNOZ16.1	UT	D	ACCEPTABLE
HDNOZ21.1	UT	D	ACCEPTABLE
HDNOZ32.1	UT	D	ACCEPTABLE
HDNOZ36.1	UT	D	ACCEPTABLE
HDNOZ45.1	UT	D	ACCEPTABLE
HDNOZ54.1	UT	D	ACCEPTABLE
HDNOZ6.1	UT	D	ACCEPTABLE
HDNOZ63.1	UT	D	ACCEPTABLE
HDNOZ69.1	UT	D	ACCEPTABLE
HDRDEL52.1	UT	D	ACCEPTABLE
HDRED13.1	UT	D	ACCEPTABLE
HDRED40.1	UT	D	ACCEPTABLE
HDRED41.2	UT	D	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
HDRED45.1	UT	D	ACCEPTABLE
HDRED52.1	UT	D	ACCEPTABLE
HDSREL10.2	UT	D	ACCEPTABLE
HDTEE12.1	UT	D	ACCEPTABLE
HDTEE36.1	UT	D	ACCEPTABLE
HDTEE41.2	UT	D	ACCEPTABLE
HDTEE50.1	UT	D	ACCEPTABLE
HDTEE53.1	UT	D	ACCEPTABLE
1MS04AA	UT	D	ACCEPTABLE
1MS06BB	UT	D	ACCEPTABLE
1MS28A	UT	A	ACCEPTABLE
1MS30D	UT	D	ACCEPTABLE
1MS32D	UT	D	ACCEPTABLE
1MS37D	UT	D	ACCEPTABLE
1MSB8A	UT	D	ACCEPTABLE
1MSF1AA	UT	D	UNACCEPTABLE (SEE NOTE 2)
1OG08CA	UT	D	ACCEPTABLE
1OG70A	UT	D	ACCEPTABLE
1E12-F037B	UT	B	ACCEPTABLE
RHELL7.11	UT	B	ACCEPTABLE
1R1103A	UT	B	ACCEPTABLE
1R1105A	UT	B	ACCEPTABLE
1R135C(1)	UT	D	ACCEPTABLE
1R137BA	UT	B	ACCEPTABLE
1G33-F103	UT	A	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6

- | | |
|--|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727
3. Plant Unit: 1
5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A
6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations: Listing of Scheduled Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
1RT11A	UT	C	ACCEPTABLE
RTTEL0.1	UT	A	SEE NOTE 3
RTTEL0.3	UT	A	ACCEPTABLE
RTTEL9.1	UT	C	SEE NOTE 4
RTTEE0.1	UT	A	ACCEPTABLE
RTTEE18.2	UT	B	ACCEPTABLE
RTTEE4.2	UT	A	ACCEPTABLE
RTTEE4.4	UT	C	ACCEPTABLE
1TD11D	UT	D	ACCEPTABLE
1TD19BA	UT	D	ACCEPTABLE
1TD25AA	UT	D	ACCEPTABLE
1TD25AB	UT	D	ACCEPTABLE
1TD25AC(1)	UT	D	ACCEPTABLE
1TD39A	UT	D	ACCEPTABLE
1TD44A	UT	D	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 6 NOTES

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Examinations for Erosion/Corrosion

Erosion/Corrosion examinations were scheduled at 140 locations, however, 10 locations were deleted due to reasons identified below. With the addition of one (1) location due to scope expansion, 131 locations were actually examined in RF-7. Of these, 126 locations were examined utilizing Ultrasonic wall thickness (UT) measurements and 5 locations utilized Pulsed Eddy Current Testing. These examinations were performed on 13 systems as follows:

Condensate Booster (CB), Condensate (CD), Feedwater Heater Miscellaneous Vents and Drains (DV), Extraction Steam (ES), Reactor Feedwater (FW), Turbine Gland Steam Seal Steam (GS), Feedwater Heater Drains (HD), Main Steam (MS), Off-Gas (OG), Residual Heat Removal (RH), Reactor Core Isolation Cooling (RI), Reactor Water Clean-up (RT) and Turbine Generator Miscellaneous Vents and Drains (TD).

Eighty-six (86) of these locations, including 21 small bore piping locations, were examined for the first time and forty-five (45) locations were repeat inspections.

Note 1:

Eight (8) AS system locations will be inspected at a later date when the plant is on line and the AS system is not in operation instead of when the plant is in a refueling outage.

Note 2:

Two small pinhole leaks were found immediately downstream of the orifice on this line during inspection of this area. AR F11038 replaced the degraded area as well as downstream piping.

Note 3:

RTELL0.1 inspection location was deleted from the outage since higher than expected radiation field readings were observed and insulation removal from the area would be labor intensive and dose expended would not justify the benefit gained. RTELL0.3 inspection location is on the same analysis line with a similar configuration and inspection results were satisfactory.

Note 4:

RTELL9.1 inspection location was deleted from the outage since higher than expected radiation field readings were observed. Lead shielding was over the inspection area and needed to remain in place for other work in the area. This would have been an initial inspection of this component. RTTEE4.4 inspection location is on the same analysis line and inspection results were satisfactory.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 7

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Substituted and Additional Examinations for Erosion/Corrosion

ITEM IDENTIFICATION	EXAM TYPE	CODE CLASS	RESULTS
1MSF1AB	UT	D	UNACCEPTABLE (SEE NOTE 1)

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 1

TABLE 7 NOTES

- | | |
|---|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Substituted and Additional Examinations for Erosion/Corrosion

Note 1:

One (1) additional inspection location was added to the scope for RF-7 as a result of the leak noted on 1MSF01AA. The additional inspection location was on its sister train 1MSF01AB at the same general inspection location as 1MSF01AA. The inspection identified a pinhole leak at the same area which 1MSF01AA had identified pinhole leaks. This area and surrounding area of piping was replaced by AR F11037.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION
ATTACHMENT 2

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727

3. Plant Unit: 1

5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A

6. National Board Number for Unit: N/A |
|--|--|

10. Abstract of Examinations:

Examinations:

In accordance with the BWR VIP-18, BWR Core Spray Internals Inspection and Evaluation Guidelines, Ultrasonic examinations were performed on the accessible areas of the selected welds (12) on Core Spray Internal Piping.

Condition Noted:

Indications were recorded on two (2) of these welds (CP2 and BP2). The length of the indications is as follows:

CP2 --- 0.83 inch
BP2 --- 1.65 inch

These indications were identified on Condition Reports 2-00-10-180 and 2-00-10-231.

Corrective Measures:

The VIP-18 document requires CPS to take the following steps:

- * Expand the sample to include all of the welds in the Core Spray Piping --- All of the welds except 8 welds were examined by UT method and found no indications. The remaining 8 welds (P4C and P4D on each of the 4 lines) were examined by EVT-1 method, since these welds were not accessible for UT examinations, and no indications were found.
- * Crack Growth Analysis --- Crack Growth analysis were performed to demonstrate the structural integrity of the internal piping for continued operation for two (2) cycles.
- * Leakage Rate Calculation --- Seperate 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.

Snubber Functional Tests:

An initial sample (10% of each type) of sixty (60) snubbers was selected from the population of 583 snubbers. During the performance of initial sample testing, three (3) snubbers failed to meet the acceptance criteria. An additional Forty-seven (47) snubbers were selected for testing. No failures occurred in these additional samples.

Condition Noted: During RF-7 three (3) snubbers failed to meet the acceptance criteria:

- * Snubber 1FC11005S is a PSA-3, Type 2 (Type 2 consists of PSA-1, PSA-3, and PSA-10) and is located in the piping subsystem which provides cooling water from Fuel Pool Cooling and Cleanup system to the Reactor Vessel Pool.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION
ATTACHMENT 2

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

2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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:

* Snubber 1MS10706S is a PSA-1, Type 2 (Type 2 consists of PSA-1, PSA-3, and PSA-10) and is located in the piping subsystem which provides instrument air to support Main Steam Isolation Valve operation.

* Snubber 1FW02011S is a PSA-10, Type 2 (Type 2 consists of PSA-1, PSA-3, and PSA-10) and is located in the piping subsystem which provides Feedwater to the Reactor Vessel.

Corrective Measures: An engineering evaluation was performed to determine the cause of failure as follows:

* 1FC11005S Type 2 snubber - This snubber failed compression running drag criteria. This snubber was disassembled and the failure was attributed to dried grease. No other instances of this failure mechanism have been found and is deemed to be an isolated case.

* 1MS10706S Type 2 snubber - This snubber failed tension and compression acceleration criteria of $<0.025g$, and initial running drag criteria. This snubber was disassembled and the failure was attributed to the harsh environment caused by the leaking Feedwater Venturi near by in the Steam Tunnel building.

* 1FW02011S Type 2 snubber - This snubber failed tension acceleration criteria of $<0.025g$. The snubber was disassembled and failure analysis performed. The snubber had received a compressional load of enough force to damage the snubber. The subsystem was walked down and other snubbers from the same subsystem were tested. No damage was identified and the additional tests were satisfactory. Therefore, the cause of the damage to the snubber is indeterminate.

Additional samples for each failed snubber were selected for functional testing as follows:

Additional sample #2 of Type 2 (5% rounded down to 15 snubbers).

Additional sample #3 of Type 2 (5% rounded up to 16 snubbers). One (1) additional snubber was selected beyond this sample because it was determined that this snubber was potentially subject to the same failure, 17 total).

Additional sample #4 (5% rounded down to 15 additional snubbers).

These additional snubbers are listed in Attachment 2 Table 2. CPS has evaluated the test results of the additional sample snubbers and determined that they are acceptable.

In summary, a total of 115 snubbers were tested in RF-7 which resulted in 3 failures. All three (3) snubbers, which failed to meet the acceptance criteria, were replaced with spare snubbers and these locations will be retested during RF-8.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 2

TABLE 1

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Increased Testing of Piping Welds

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
008451	CORESPray INTERNAL PIPING	UT\EVT-1	N/A	N/A	1	SEE NOTE 1

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 2

TABLE 1 NOTES

- | | |
|---|--|
| 1. Owner: Amerge Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087 | |
| 2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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 Increased Testing of Piping Welds

Note 1:

16 welds were examined by UT method and 8 welds (P4C and P4D on each of the 4 lines) were examined by EVT-1 method. All were acceptable.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 2

TABLE 2

- | | |
|--|--|
| 1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., Clinton, IL 61727
3. Plant Unit: 1
5. Commercial Service Date: 4-24-87 | 4. Owner Certificate of Authorization: N/A
6. National Board Number for Unit: N/A |
|--|--|

12. Abstract of Corrective Measures Recommended and Taken: Listing of Increased Testing of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
903872	1DG04012S	FT	N/A	N/A	0	ACCEPTABLE
903874	1DG04013S	FT	N/A	N/A	0	ACCEPTABLE
909630	1FC01022S	FT	N/A	N/A	3	ACCEPTABLE
903805	1FW02012S	FT	F1.10	F-A	1	ACCEPTABLE
906340	1HP03014S	FT	N/A	N/A	2	ACCEPTABLE
906215	1HP03028S	FT	F1.20	F-A	2	ACCEPTABLE
906320	1HP03032S	FT	N/A	N/A	2	ACCEPTABLE
906200	1HP03038S	FT	F1.20	F-A	2	ACCEPTABLE
903890	1HP04016S-E	FT	N/A	N/A	2	ACCEPTABLE
903892	1HP04016S-W	FT	N/A	N/A	2	ACCEPTABLE
906708	1IS01035S	FT	N/A	N/A	2	ACCEPTABLE
906754	1LP03015S	FT	N/A	N/A	2	ACCEPTABLE
906756	1LP03016S	FT	N/A	N/A	2	ACCEPTABLE
909262	1MS05001S	FT	N/A	N/A	1	ACCEPTABLE
909264	1MS05009S	FT	N/A	N/A	1	ACCEPTABLE
909273	1MS05019S	FT	N/A	N/A	1	ACCEPTABLE
909261	1MS05021S	FT	N/A	N/A	1	ACCEPTABLE
909276	1MS05023S	FT	N/A	N/A	1	ACCEPTABLE
909271	1MS05024S	FT	N/A	N/A	1	ACCEPTABLE
909263	1MS05027S	FT	N/A	N/A	1	ACCEPTABLE
909279	1MS05035S	FT	N/A	N/A	1	ACCEPTABLE
911260	1MS10806S	FT	N/A	N/A	3	ACCEPTABLE
910700	1MS28004S	FT	F1.30	F-A	3	ACCEPTABLE
912120	1RH04060S	FT	F1.10	F-A	1	ACCEPTABLE
913400	1RH08068S	FT	F1.20	F-A	2	ACCEPTABLE
913405	1RH08069S	FT	F1.20	F-A	2	ACCEPTABLE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

ATTACHMENT 2

TABLE 2

1. Owner: Amergen Energy Co., LLC, 965 Chesterbrook Blvd., Wayne, PA 19087	
2. Plant: Clinton Power Station, P. O. Box 678, Rt. 54E., 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

12. Abstract of Corrective Measures Recommended and Taken: Listing of Increased Testing of Component Supports

REFERENCE NUMBER	ITEM IDENTIFICATION	EXAM TYPE	CODE ITEM	CODE CATEGORY	CODE CLASS	RESULTS
913425	1RH08073S	FT	F1.20	F-A	2	ACCEPTABLE
913660	1RH08081S	FT	F1.20	F-A	2	ACCEPTABLE
916726	1RH08087S	FT	F1.20	F-A	2	ACCEPTABLE
916775	1RH08088S	FT	F1.20	F-A	2	ACCEPTABLE
916785	1RH08090S	FT	F1.20	F-A	2	ACCEPTABLE
915510	1RH08100S	FT	F3	F-A	D	ACCEPTABLE
914185	1RH10011S	FT	F1.20	F-A	2	ACCEPTABLE
913902	1RH11009S	FT	F1.20	F-A	2	ACCEPTABLE
915050	1RH17007S	FT	N/A	N/A	2	ACCEPTABLE
915980	1RH62039S	FT	N/A	N/A	2	ACCEPTABLE
919185	1RI02003S	FT	N/A	N/A	2	ACCEPTABLE
920400	1RI02016S	FT	N/A	N/A	2	ACCEPTABLE
920905	1RI03009S	FT	F1.20	F-A	2	ACCEPTABLE
920910	1RI03010S	FT	F1.20	F-A	2	ACCEPTABLE
920465	1RI03015S	FT	F1.20	F-A	2	ACCEPTABLE
920305	1RI08010S	FT	F1.20	F-A	2	ACCEPTABLE
920975	1RI13004S	FT	N/A	N/A	2	ACCEPTABLE
949300	1VG01021S	FT	N/A	N/A	0	ACCEPTABLE
949320	1VG01036S	FT	N/A	N/A	0	ACCEPTABLE
949020	1VG10012S	FT	N/A	N/A	0	ACCEPTABLE
949260	1VG11041S	FT	N/A	N/A	0	ACCEPTABLE

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 Clinton Records Vault filed under record type 2E.220 for the RF-7 outage.

AMERGEN

Procedure	Title	Revision/Change Document
9059.01	Reactor Coolant System Leakage Test	Rev 4,4a,5,5a,5b
Appendix VIII	Appendix VIII of the ISI Program Manual Clinton Power Station Nondestructive Examination Personnel Qualification and Certification Program	Rev. 3
I.12	Liquid Penetrant Examination	Rev. 4
I.14	Magnetic Particle Examination	Rev. 3
I.18	VT-1 Visual Examination	Rev. 3
I.19	VT-3 Visual Examination of Component Supports	Rev. 3
I.20	VT-3 Visual Examination of Pump and Valve Internals	Rev. 3
I.21	VT-2 Visual Examination	Rev. 3

SECTION 3

LISTING OF EXAMINATION AND TESTING PROCEDURES

AMERGEN

Procedure	Title	Revision/Change Document
PDI-UT-1	Generic Procedure for the Ultrasonic Examination of Ferritic Piping Welds	Revision B/ Table 1
PDI-UT-2	Generic Procedure for the Ultrasonic Examination of Austenitic Pipe Welds	Revision B/ Table 1
PDI-UT-3	Generic Procedure for Ultrasonic Through Wall Sizing in Pipe Welds	Revision B

GENERAL ELECTRIC

Procedure	Title	Revision/Change Document
386HA480	Certification of Nondestructive Test Personnel	Rev. 17/ Add. 386HA480 R/0; Add. APPVII R/0
GE-ADM-1001	Procedure for Performing Linearity Checks on Ultrasonic Instruments	Version 1
GE-ADM-1002	Procedure for Data Review and Analysis of Recorded Ultrasonic Indications	Version 3
GE-ADM-1005	Procedure for Zero Reference and Data Recording for Nondestructive Examinations	Version 0
GE-ADM-1006	Procedure for Compliance with USNRC Regulatory Guide 1.150	Version 1
GE-ADM-1025	Procedure for Training and Qualification of Personnel for GE-NE Specialized Applications	Version 3

SECTION 3

LISTING OF EXAMINATION AND TESTING PROCEDURES

GENERAL ELECTRIC

Procedure	Title	Revision/Change Document
GE-ADM-1033	Procedure for Installation and Removal of the CSI-2000 (RPV) Internal Core Spray Piping UT Inspection Tool	Version 0
GE-MT-100	Procedure for Magnetic Particle Examination (Dry Particle, Color Contrast or Wet Particle, Fluorescent)	Version 3
GE-PT-100	Procedure for Liquid Penetrant Examination Using Fluorescent and Visible Dye Penetrant Inspection Methods	Version 3
GE-UT-300	Procedure for Manual Examination of Reactor Vessel Assembly Welds	Version 3/ DRR No. CLN-2000-004
GE-UT-311	Procedure for Manual Ultrasonic Examination of Nozzle Inner Radii and Bore	Version 6
GE-UT-511	Procedure for the Automated Examination of Core Spray Piping Welds Contained Within the Reactor Pressure Vessel	Version 6
GE-UT-601	Procedure for Ultrasonic Thickness Measurements for Erosion/Corrosion	Version 0/ DRR No. CLN-2000-001
GE-VT-101	Procedure for VT-1 Examination	Version 1
GE-VT-206	Procedure for In-vessel Visual Inspection (IVVI) of BWR 6 RPV Internals	Version 2/ DRR No. CLN-2000-003

SECTION 3

LISTING OF EXAMINATION AND TESTING PROCEDURES

GENERAL ELECTRIC

Procedure	Title	Revision/Change Document
UT-CLN-102V0	Procedure for Manual Ultrasonic Examination of Similar and Dissimilar Metal Piping Welds	Rev. 0/ DRR-CLN-2000-002 Rev. 0
UT-CLN-301V0	Procedure for Manual Ultrasonic Examination of Pressure Retaining Vessel Welds Less than 2" in Thickness	Rev. 3

WYLE LABORATORIES

Procedure	Title	Revision/Change Document
MSS-002	Procedure for Functional Testing of Hydraulic Snubbers	Rev. D
MSS-004	Procedure for Functional Testing of Pacific Scientific Mechanical Snubbers	Rev. F

SECTION 4

LISTING OF EXAMINATION AND TESTING PERSONNEL

This section identifies the contracted 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 Program Manual and their employer's procedures and written practices.

Records of personnel qualification and certification are available and are located in the Clinton Records Vault. Wyle Laboratories and General Electric Co. records are stored in file 2E.200.

AMERGEN

Name	Discipline - Level
Arlton Johnson	VT-2-II
Bill Burke	VT-2-II
Bryan J. Puckett	VT-2-II
Carl E. Anderson	PT-II, MT-II, UT-II, VT-1-II, VT-3-II, VT-2-II
Chris Rogan	VT-2-II
Chris Slavens	VT-2-II
Cory Eigenmann	VT-2-II
Craig Procarione	VT-2-II
Dan Mahrt	VT-2-II
Danny VanFleet	VT-2-II
David L. Anthony	MT-III, PT-III, UT-III, VT-1-III, VT-3-III, VT-2-III
Gary Scott	VT-2-II
Gulshan Bhayana	VT-2-II
John Walsh	VT-2-II
Michael W. Hintz	PT-II, MT-II
Mirza M. Baig	PT-II, MT-II, VT-1-II, VT-3-II, VT-2-II
Mohan M. Desai	MT-II, PT-II, VT-1-II, VT-2-II, VT-3-II
Pat Coyle	VT-2-II
Patricia Crothers	VT-2-II
Randall G. Rohrscheib	VT-1-II, VT-2-II, VT-3-II
Richard L. Cole	VT-1-II, VT-2-II, VT-3-II
Robert Dean	VT-2-II
Todd R. Wilmoth	PT-II, MT-II, VT-1-II, VT-2-II, VT-3-II

GENERAL ELECTRIC

Name	Discipline - Level
Alan J. Kelly	MT-II, UT-II

SECTION 4

LISTING OF EXAMINATION AND TESTING PERSONNEL

Clinton Power Station ISI Program Manual and their employer's procedures and written practices.

GENERAL ELECTRIC

Name	Discipline - Level
Arlen W. Jensen	UT-III
Bret T. Flesner	MT-I, PT-I, UT-II
David T. Morris	VT-1-II, VT-3-II (Limited to IVVI inspections)
Harry K. Hammond	VT-1-II, VT-3-II (Limited to IVVI inspections)
James F. Killoran	VT-1-II, VT-3-II (Limited to IVVI inspections)
Joseph N. Lizarrago	VT-1-II, VT-3-II (Limited to IVVI inspections)
Kenneth A. Earp	VT-1-II, VT-3-II (Limited to IVVI inspections)
Mark S. Everett	UT-III
Nicholas Labella	PT-II, UT-II, VT-1-II, VT-2-II, VT-3-II
Paul R. Johnson	UT-III
Paul R. Weeks	UT-II
Phil Bailey	UT-III, MT-III, PT-III, VT-1-III, VT-2-III, VT-3-III
Philip E. Twait	UT-III
Philip R. Kackley	VT-1-II, VT-3-II (Limited to IVVI inspections)
Ralph W. Williams	MT-II, PT-II, UT-II, VT-1-II, VT-3-II
Rich Jasken	UT-II, PT-II
Richard A. Riddles	MT-II, PT-II, UT-II, VT-1-II, VT-3-II
Robert Scott Getz	UT-II
Ronald E. Michaud	VT-1-II, VT-3-II (Limited to IVVI inspections)
Scott E. Strom	VT-1-II, VT-3-II (Limited to IVVI inspections)
Terry M. Hofer	VT-1-II, VT-3-II (Limited to IVVI inspections)
Thomas L. Brantley, III	UT-III
Wyatt P. Hunter	MT-I, PT-I, UT-III

WYLE LAB

Name	Discipline - Level
Lance Phares	VT-3-III
Mark Greboniski	VT-3-II
Michael L. Miller	VT-1,2,3-III
Michael Lewis	VT-3-II

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 Clinton Records Vault filed under record type 2E.180 for the RF-7 outage.

GENERAL ELECTRIC

MATERIAL

Description	Manufacturer	Model/Type	Serial No.
UT SCOPE	STAVELEY	SONIC 136P	136 7641
UT SCOPE	STAVELEY	SONIC 136P	783J
UT SCOPE	STAVELEY	SONIC 136P	136P1106C031374
UT SCOPE	STAVELEY	SONIC 136P	136P1106C31371
UT SCOPE	STAVELEY	SONIC 136P	770I
UT SCOPE	STAVELEY	SONIC 136P	136 909K
UT SCOPE	STAVELEY	SONIC 136P	136 788J
TRANSDUCER	KBA	GAMMA	000JKH
TRANSDUCER	KBA	GAMMA	00140T
TRANSDUCER	KBA	GAMMA	0016HB
TRANSDUCER	KBA	GAMMA	0016HD
TRANSDUCER	KBA	GAMMA	003804
TRANSDUCER	KBA	GAMMA	003807
TRANSDUCER	KBA	GAMMA	003CD2
TRANSDUCER	KBA	MSWQC	003R15
TRANSDUCER	KBA	GAMMA	003R18
TRANSDUCER	KBA	GAMMA	003V83
TRANSDUCER	KBA	GAMMA	003V8F
TRANSDUCER	KBA	GAMMA	003V8H
TRANSDUCER	KBA	GAMMA	003VBP
TRANSDUCER	KBA	MSWQC	003W4R
TRANSDUCER	KBA	GAMMA	003X5C
TRANSDUCER	KBA	MSWQC	00BXWW

SECTION 5

LISTING OF EQUIPMENT AND MATERIALS

GENERAL ELECTRIC

MATERIAL

Description	Manufacturer	Model/Type	Serial No.
TRANSDUCER	KBA	MSWQC	00CT37
TRANSDUCER	KBA	MSWQC	00HJK4
TRANSDUCER	KBA	MSWQC	00HKF9
TRANSDUCER	KBA	MSWQC	00HNP5
TRANSDUCER	KBA	MSWQC	00HR04
TRANSDUCER	KBA	MSWQC	00HR05
TRANSDUCER	KBA	MSWQC	00HROW
TRANSDUCER	KBA	GAMMA	00KRCO
TRANSDUCER	KBA	GAMMA	00L320
TRANSDUCER	KBA	GAMMA	00L321
TRANSDUCER	KBA	GAMMA	00L325
TRANSDUCER	KBA	GAMMA	00L328
TRANSDUCER	KBA	GAMMA	01122
TRANSDUCER	KBA	MSEB	04091
TRANSDUCER	KBA	GAMMA	43246
TRANSDUCER	KBA	MSWQC	731
TRANSDUCER	KBA	MSWQC	83899
TRANSDUCER	KBA	MSWQC	84052
TRANSDUCER	KBA	MSWQC	85364
TRANSDUCER	KBA	GAMMA	B14527
TRANSDUCER	KBA	GAMMA	E02104
TRANSDUCER	KBA	GAMMA	J03272
TRANSDUCER	KBA	GAMMA	K02708
TRANSDUCER	MEGASONICS	60RL	81107
TRANSDUCER	MEGASONICS	60RL	E0528

SECTION 5

LISTING OF EQUIPMENT AND MATERIALS

GENERAL ELECTRIC

MATERIAL

Description	Manufacturer	Model/Type	Serial No.
TRANSDUCER	PANAMETRICS	D795	119509
TRANSDUCER	PANAMETRICS	D791	119519
TRANSDUCER	PANAMETRICS	D798	119613
TRANSDUCER	PANAMETRICS	D791	19503
TRANSDUCER	PANAMETRICS	D795	201582
TRANSDUCER	PANAMETRICS	D798	29525
TRANSDUCER	PANAMETRICS	D791	59604
TRANSDUCER	PANAMETRICS	D798	59607
TRANSDUCER	PANAMETRICS	D791	59617
TRANSDUCER	PANAMETRICS	D795	59636
TRANSDUCER	PANAMETRICS	D798	59639
TRANSDUCER	PANAMETRICS	D798	69311
TRANSDUCER	PANAMETRICS	D795	99608
TRANSDUCER	RTD	60TRL	94-344
TRANSDUCER	RTD	45TRL	94-706
TRANSDUCER	RTD	45TRL	94-708
TRANSDUCER	RTD	70TRL	96-225
DATA LOGGER	PANAMETRICS	26 DL PLUS	95236703
DATA LOGGER	PANAMETRICS	26 DL PLUS	93127806
DATA LOGGER	PANAMETRICS	26 DL PLUS	96355909
DATA LOGGER	PANAMETRICS	26 DL PLUS	96356109
DATA LOGGER	PANAMETRICS	26DL	952366803
CALIBRATION BLOCK	RAY CHECK	C/S RHOMPUS	96-5536
CALIBRATION BLOCK	412T6531	CS STEPWEDGE	CA-STEP-113
CALIBRATION BLOCK	PARKER RESEARCH	LOT #26	CAL-10MT-008

LISTING OF EQUIPMENT AND MATERIALS

GENERAL ELECTRIC

MATERIAL

Description	Manufacturer	Model/Type	Serial No.
CALIBRATION BLOCK	788992	CS IIW TYPE 2	CAL-IIW-007
CALIBRATION BLOCK	788992	CS IIW TYPE 2	CAL-IIW-013
CALIBRATION BLOCK	A3389H	SS IIW TYPE 2	CAL-IIW-020
CALIBRATION BLOCK	APPLIED TEST	IIW TYPE 2 SS	CAL-IIW2-002
CALIBRATION BLOCK	A09758	CS RHOMPUS	CAL-RHOM-032
CALIBRATION BLOCK	96-5551	SS RHOMPUS	CAL-RHOM-049
CALIBRATION BLOCK	HARTZELL	CAL STEP	CAL-STEP-089
CALIBRATION BLOCK	161168	SS STEPWEDGE	CAL-STEP-097
CALIBRATION BLOCK	LABORATORY TESTING	S/S STEP WEDGE	CAL-STEP-102
CALIBRATION BLOCK	412T6531	CS STEPWEDGE	CAL-STEP-103
CALIBRATION BLOCK	LABORATORY TESTING	C/S STEP WEDGE	CAL-STEP-104
CALIBRATION BLOCK	412T6531	CS STEPWEDGE	CAL-STEP-110
CALIBRATION BLOCK	AH6895	SS MINI IIW	CAL-WLLY-017
TEMPERATURE GAUGE	PTC	312F	204243
TEMPERATURE GAUGE	PTC	312F	204374
TEMPERATURE GAUGE	PTC	312F	204448
TEMPERATURE GAUGE	PTC	312F	204502
TEMPERATURE GAUGE	PTC	312F	204544
TEMPERATURE GAUGE	PTC	312F	204645
TEMPERATURE GAUGE	PTC	312F	208851
TEMPERATURE GAUGE	PTC	312F	208854
TEMPERATURE GAUGE	PTC	312F	208995
TEMPERATURE GAUGE	PTC	312F	209004
TEMPERATURE GAUGE	PTC	312F	209015
TEMPERATURE GAUGE	PTC	312F	209020

SECTION 5

LISTING OF EQUIPMENT AND MATERIALS

GENERAL ELECTRIC

MATERIAL

Description	Manufacturer	Model/Type	Serial No.
TEMPERATURE GAUGE	PTC	312F	209030
TEMPERATURE GAUGE	PTC	312F	209046
TEMPERATURE GAUGE	PTC	312F	209047
TEMPERATURE GAUGE	PTC	312F	209051
TEMPERATURE GAUGE	PTC	312F	209059
TEMPERATURE GAUGE	PTC	312F	209074
TEMPERATURE GAUGE	PTC	312F	209106
TEMPERATURE GAUGE	PTC	312F	209112
TEMPERATURE GAUGE	PTC	312F	209113
TEMPERATURE GAUGE	PTC	312F	209126
TEMPERATURE GAUGE	PTC	312F	209406
COUPLANT	HUMEX	N/A	98165
MAG YOKE	PARKER RESEARCH	B300	PAR-ACMT-050
MAG YOKE	PARKER RESEARCH	B300	7301
CLEANER/REMOVER	MAGNAFLUX	SKC-S	00F06K
DEVELOPER	MAGNAFLUX	SKD-S2	00E03K
MAGNETIC PARTICLE	MAGNAFLUX	#1 GREY	92L034
MAGNETIC PARTICLE	MAGNAFLUX	8A-RED	93A045
PENETRANT	MAGNAFLUX	SKL-SP	96G11K

WYLE LABS

EQUIPMENT

Description	Manufacturer	Model/Type	Serial No.
SNUBBER TEST MACHINE	WYLE LABS	100	111

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

NIS-2 OWNER'S DATA REPORTS

This section provides a listing of ASME Section XI repair or replacements completed between May 27, 1999 and November 11, 2000. Of this total, 50 NIS2 Data Reports were for Class 1 or 2 items and are identified on the attached summary.

All repairs and replacements are considered to be of a routine nature. During this cycle there were no flaws identified during performance of ISI examination that required repairs to be performed.

Code Case N-416-1 was utilized during this reporting period. This Code Case allows the alternative of a system leakage test to that of a hydrostatic test following welded replacement provided NDE, testing, and VT-2 is performed to the 1992 Edition of Section III, and for Class 3, additional NDE of root pass welds be performed.

Several modifications were completed during this cycle. The most significant modification was FW-039 which provides for a water seal to the feedwater penetrations which should enhance containment integrity. Other changes were made to containment isolation valves and added relief devices to containment penetration piping. These changes and others are identified by the modification number or ECN in the attached description of work.

Following the listing of Class 1 and 2 repairs and replacements are copies of NIS-2 Owner's Data Reports for the Class 1 and 2 repairs and replacements 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 type 4E.230 entitled "N-5 Data Report Package Supplements".

SECTION 6

REPAIR AND REPLACEMENT SUMMARY

NIS-2 Number	Class	Description
RF-7-001	3	Refurbished spare DG heat exchanger SN 79C20002-01-1.
RF-7-002	2	Replaced orifice 1E21D003 per ECN 31253.
RF-7-003	3	Welded disk to stem on valve 1FC004A in accordance with ECN 28615.
RF-7-004	2	Replaced orifice 1E12D002 per ECNs 31252 and 31737.
RF-7-005	3	Replaced the valve plug on 1G36F013B due to seat leakage.
RF-7-006	3	Replaced the valve plug on 1G36F015B due to seat leakage.
RF-7-007	3	Replaced the valve disc on 1DO007A due to seat leakage.
RF-7-008	3	During rework of 1G33C001C pump one gland nut was replaced.
RF-7-009	3	Refurbished spare DG heat exchanger SN 79C20002-02-2.
RF-7-010	3	Replaced valve 1FC135 due to seat leakage.
RF-7-011	3	Replaced Heat Exchanger 1DG12AB to perform ET testing.
RF-7-012	1	Replaced one capscrew on spare SRV, SN 160949.
RF-7-013	3	Valve 1G36F081A failed setpoint test and was replaced.
RF-7-014	2	Installed piping and valves for Plant Modification FW-039.
RF-7-015	3	Replaced the valve body and gasket retainer bolting on 1SX020A in accordance with ECN 27420.
RF-7-016	2	Replaced bolting on 1SAB1B-6".
RF-7-017	3	During valve maintenance on 1FC004A, replaced the valve plug.
RF-7-018	3	Replaced cooling coil 1VY04A and piping.
RF-7-019	2	Welded disk to disk nut on 1E12F021 per ECN 31785.

NIS-2 Number	Class	Description
RF-7-020	2	Drilled a 3/16" diameter hole in valve disc of 1E12F028B per ECN 30868.
RF-7-021	2	Installed a new valve disc in 1VP005B per ECN 32311.
RF-7-022	2	Modified line 1WX12B-2" per ECN 30072 to add a relief valve.
RF-7-023	2	Modified valve 1FP051 in accordance with ECN 29371 to install a drain line.
RF-7-024	2	Modified line 1MC06B-4" per ECN 30076 to add a relief valve.
RF-7-025	1	Replaced damaged bolting on line 1NB01A-4".
RF-7-026	3	Replaced valve 1CC107B as corrective action to CR 1-93-10-083.
RF-7-027	3	Replaced the plug and stem on 1G33F033 during maintenance.
RF-7-028	1	Replaced upper seal gland and seal holder on RR Pump 1B33C001A.
RF-7-029	2	Replaced the disc to disc nut tack weld with a full circumferential weld on valve 1E12F037B.
RF-7-030	3	During maintenance of valve 1SX188 replaced the valve disc.
RF-7-031	2	Replaced snubbers 1HP03038S and 1HP03006S from a size PSA-3 to a PSA-10 in accordance with ECN's 31795 and 31796.
RF-7-032	3	Replaced valve 1SX008B due to excessive seat leakage.
RF-7-033	1	Implemented a portion of Plant Modification M-079 on valve 1E12F041B.
RF-7-034	3	Snubber 1FC11005S failed functional testing and was replaced.
RF-7-035	1	Snubber 1FW02011S failed functional testing and was replaced.
RF-7-036	3	Replaced snubbers 1MS10706S, 1MS23009S, 1MS25004S, and 1MS28004S due to degradation or failed functional testing.
RF-7-037	3	Snubber 1RH62039S was replaced due to loose staking.

NIS-2 Number	Class	Description
RF-7-038	3	Snubber 1MS22004S failed functional testing and was replaced.
RF-7-039	3	Replaced snubber 1RT07024S due to degradation.
RF-7-040	1,2	Replaced snubber 1RH08068S due to degradation and damaged load pin on snubber 1RH04060S.
RF-7-041	1	Replaced snubbers 1MS05021S and 1MS05024S due to degradation.
RF-7-042	1,2	Replaced snubbers 1RI03009S and 1RI02003S due to degradation and damaged load pins on 1RI03015S, 1RI02003S, and 1RI01013S.
RF-7-043	3	Replaced damaged load pin on snubber 1MS35002S.
RF-7-044	2	Replaced LP water leg pump 1E21C022 per Plant Modification M-084.
RF-7-045	2	Performed RH system piping changes per Plant Modification M-084.
RF-7-046	2	Modified valve 1FP054 in accordance with ECN 31900 to add a valve drain line.
RF-7-047	1	Replaced 1B33C001A pump seal assembly with a new design seal assembly per Plant Modification RR-034.
RF-7-048	1,3	Replaced valve 1B21F041A for IST testing.
RF-7-049	1,3	Replaced valve 1B21F041B for IST testing.
RF-7-050	1,3	Replaced valve 1B21F041D for IST testing.
RF-7-051	1,3	Replaced valve 1B21F041F for IST testing.
RF-7-052	1,3	Replaced valve 1B21F041G for IST testing.
RF-7-053	1,3	Replaced valve 1B21F047A for IST testing.
RF-7-054	1,3	Replaced valve 1B21F047B for IST testing.
RF-7-055	1,3	Replaced valve 1B21F047F for IST testing.
RF-7-056	1,3	Replaced valve 1B21F047D for IST testing.

NIS-2 Number	Class	Description
RF-7-057	1,3	Replaced valve 1B21F047C for IST testing.
RF-7-058	1,3	Replaced valve 1B21F051B for IST testing.
RF-7-059	1,3	Replaced valve 1B21F051C for IST testing.
RF-7-060	2	Replaced RH water leg pump 1E12C003 per Plant Modification M-084.
RF-7-061	1	Replaced pump 1B33C001B seal assembly with a new design seal assembly per Plant Modification RR-034.
RF-7-062	1	On pump 1B33C001A replaced the seal holder and upper seal gland.
RF-7-063	2	On valve 1E12F037A replaced the disc to disc nut weld per ECN 31786.
RF-7-064	1	Implemented a portion of Plant Modification M-079 on valve 1E22F005.
RF-7-065	2	Replaced valve 1B21F068 due to seat leakage.
RF-7-066	2	Modified valve 1FP092 per ECN 31901 to install a valve drain line.
RF-7-067	1	Replaced 21 reactor control rod drive assemblies.
RF-7-068	1,3	Replaced valve 1B21F041C for IST testing.
RF-7-069	1,3	Replaced valve 1B21F051G for IST testing.
RF-7-070	1,3	Replaced valve 1B21F041L for IST testing.
RF-7-071	1,3	Replaced valve 1B21F051D for IST testing.
RF-7-072	2	Replaced valve 1B12F085A due to sticking.
RF-7-073	3	Replaced valve 1SX004B due to seat leakage.
RF-7-074	1	Replaced inlet fitting and trigger assembly on valve 1C41F004B following surveillance CPS 9015.02.
RF-7-075	3	Replaced gland ring on RT pump 1G33C001C

ILLINOIS POWER COMPANY
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>Illinois Power Company</u> Name <u>500 S. 27th St., Decatur, IL 62525</u> Address</p> <p>2. Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address</p> <p>3. Work Performed by: <u>Illinois Power Company</u> <u>Box 678, Clinton, IL 61727</u> Address</p> <p>4. Identification of System <u>NLP01</u></p>	<p>Data Report No. <u>RF-7-002</u></p> <p>Date <u>09/27/1999</u></p> <p>Sheet <u>1</u> of <u>1</u></p> <p>Unit <u>1</u></p> <p>F09530</p> <p>Repair Organization P.O. No., Job No. _____</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization No. <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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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 1980 W81 Addenda,
Code Cases N308

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	NLP01	NA	NLP01	1985	Replacement	Yes

7. Description of Work

REPLACED EXISTING ORIFICE 1E21D003 IN LINE 1LP10A 1-1/2" WITH A MULTISTAGE ORIFICE CONSISTING OF 1E21D003A AND A MODIFIED PLATE AT 1E21D003 AS SHOWN ON ECN-31253. THE WORK ALSO INCLUDED RELOCATION OF VALVE 1E21F343. CODE CASE N416-1 IS APPLICABLE TO THIS WORK.

8. Tests Conducted:

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

9. Remarks

Material Used: 1 1/2" Piping - R942880227; Orifice Plate Material - R971750301; 3 Flanges - R991160240; 8 - 1/2" Studs - R942730218; and 16 Nuts - R982850204.

CERTIFICATE OF COMPLIANCE

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

Signed B. A. Pickett - SUPV - ISI
Owner or Owner's Designee, Title

Date September 28, 1999

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 Arkwright Mutual Insurance of Massachusetts have inspected the components described in this Owner's Report during the period 05/26/1999 to 09/27/1999, 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 28 SEPT 19 99

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

1. Owner	<u>Illinois Power Company</u> Name <u>500 S. 27th St., Decatur, IL 62525</u> Address	Data Report No. <u>RF-7-004</u> Date <u>12/13/1999</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F09529</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>Illinois Power Company</u> Box 678, 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 1980 W81 Addenda,
Code Cases N308

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	85	REPLACEMENT	Yes

7. Description of Work

Replaced existing orifice 1E12D002 on line 1RH65A 1-1/2" with a multistage orifice consisting of 1E12D002A, 1E12D002B, and a modified plate at 1E12D002 as shown on ECNs 31252 AND 31737 . Pipe welding and examination will be in accordance with Code Case N416-1.

8. Tests Conducted:

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

9. Remarks

Material used: 1 1/2" pipe-R942880227; 1/8" Plate-R971750301; (4) 1 1/2" Flanges-R991160240; (16) 1/2" Studs-R942730218; and (32) 1/2" Nuts-R990220225.

CERTIFICATE OF COMPLIANCE

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

Signed B. A. Puchett - Supv. - 151
Owner or Owner's Designee, Title

Date December 13, 19 99

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 Arkwright Mutual Insurance of Massachusetts have inspected the components described in this Owner's Report during the period 05/13/1999 to 12/13/1999, 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. Kump
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 14 December, 19 99

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-7-012</u> Date <u>09/07/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u> D77716 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>Box 678, Clinton, IL 61727</u> Address	
3. Work Performed by:	<u>AmerGen Energy Co., LLC</u> Name <u>Box 678, Clinton, IL 61727</u> Address	
4. Identification of System	<u>Spare</u>	Code Class <u>1</u>
5. (a) 1) 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 <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	160949	207	SPARE SRV	1979	Replacement	Yes

7. Description of Work

Replaced one body to bonnet capscrew during performance of maintenance on spare SRV.

The ASME Code Data Report for this component is located in N-5 System NGE02, Supplement 1.

8. Tests Conducted:

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

9. Remarks

Cap screw accepted on TCN-R951980227.

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 B. A. Puellett, Supv. - ISI
Owner or Owner's Designee, Title

Date 9-12, 2000

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 05/09/1997 to 09/07/2000, 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 SEPT, 2000

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-7-014</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	Date <u>10/25/2000</u> Sheet <u>1</u> of <u>3</u> Unit <u>1</u> D80051(SEE REMARKS) Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>See Sht. 3</u> Authorization No. <u>See Sheet 3</u> Expiration Date <u>See Sheet 3</u>
3. Work Performed by:	<u>AmerGen Energy Co., LLC</u> Box 678, Clinton, IL 61727 Address	
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 None 2) Applicable Construction Code (Component-Valve) SECTION III 1974 Edition, S75 Addenda, Code cases NONE (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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	BW/IP INT.	E-560A-3-1	N/A	1E12F495A	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-3-2	N/A	1E12F495B	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-2-1	N/A	1E12F498A	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-1-2	N/A	1E12F498B	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-3-3	N/A	1E12F499A	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-3-4	N/A	1E12F499B	1998	Replacement	Yes
CONTINUED ON SHEET 2							

7. Description of Work

Installed new piping, valves, and supports in accordance with plant modification FW-039 to add a method of sealing the primary containment feedwater penetration isolation valves. The following lines were added or affected by this modification: 1RH03BA14, 1RH03BA12, 1FW02KA20, 1FW02KB20, 1FW02FA20, 1FW02FB20, 1RH118A2 1/2, 1RH118B2, 1RH118C2, 1RH118D2, (CONTINUED IN REMARKS).

8. Tests Conducted:

Hydrostatic ☐ Pneumatic ☐ Pressure N/A psi Test Temp. N/A °F
Nominal Operating Pressure ☒ Exempt ☐ Other ☐ See Sheet 3 for additional information.

9. Remarks

MWR's continued: D80052, D80053, D81257, D81258, D81259, D81260, F02275 and PCI traveler 21300-01.

Sect. 5a Cont'd: Valve: Section III, 1974 Edition, S75 Addenda, Cases: 1516-1, 1567, 1622, 1635-1

Valve: Section III, 1986 Edition, No Addenda, Cases: None

Sect. 7 Cont'd: 1RH118E2, 1RH119A2 1/2, 1RH116A2, 1RH116B2, 1RH116C2, 1RH116D2, and 1RH117A2 (Cont'd).

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 B. A. Puchette, SUPV-151
Owner or Owner's Designee, Title

Date 10/25, 2000

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 09/25/1998 to 10/25/2000, 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 25 OCTOBER, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by AmerGen Energy Co., LLC
Box 678, Clinton, Illinois 61727
Address
4. Identification of System NRH08
5. Applicable Codes See Sheet 1
6. Identification of Components Repaired or Replaced and Replacement Components (cont'd)
- Data Report No. RF-7-014
- Date 10/25/2000
- Sheet 2 of 3
- Unit 1
- MWR- See Sheet 1
- Repair Organization P.O. No., Job No. N/A
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
- Code Class 2

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	BW/IP INT.	E-560A-1-3	N/A	1E12F500A	1998	Replacement	Yes
Valve	BW/IP INT.	E-560A-1-1	N/A	1E12F500B	1998	Replacement	Yes
Valve	Yarway	C3070	N/A	1E12F519	1992	Replacement	Yes
Valve	Yarway	C3072	N/A	1E12F520	1992	Replacement	Yes
Valve	BW/IP INT.	E-459A-1-2	N/A	1E12F496	1998	Replacement	Yes
Valve	BW/IP INT.	E-459A-1-1	N/A	1E12F497	1998	Replacement	Yes

9. **Remarks (Cont'd)**

7. **Description of Work (Cont'd)**

The referenced MWR's along with the following mechanical ECN's were used to complete the piping modification installation: ECN's 30207, 30418, 31060, 31061, 31091, 31094, 31101, 31133, 31199, 31200, 31264, 31297, 31298, and 31299.

The installed piping and supports are identified on isometric drawings RH-815 and RH-816 with the following supports installed in addition to the piping lines and components listed in sections 6 and 7 of this report.

SUPPORTS INSTALLED: RH-815 - 1RH85001G thru 1RH85015G and ISO RH-816 - 1RH86001X, 02X, 03G, 04T, 05G, 06T, 07G, 08G, 09T, 10G, 11G, 14T, 15T, and 1RH86017G.

Materials Used: The materials used is identified on the Bill of Materials section of the isometric drawings for piping and the support drawings for the piping hangers. Sheet 3 provides a listing of the piping and support material used for the installation of this modification.

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by AmerGen Energy Co., LLC
Box 678, Clinton, Illinois 61727
Address
4. Identification of System NRH08
5. Applicable Code See Sheet 1
6. Identification of Components Repaired or Replaced and Replacement Components
9. Remarks (cont'd)
- Data Report No. RF-7-014
- Date 10/25/2000
- Sheet 3 of 3
- Unit 1
- MWR- See Sheet 1
- Repair Organization P.O. No., Job No.
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
- Code Class 2

Material used and receipt TCN:

PIPING ITEMS: 2" Sch. 160 pipe-R973490215; 2" Sch. 80 pipe-R963590202; 2 1/2" Sch. 80 pipe-R973490218; 2 1/2" Sch. 160 pipe-R981620213, R981620214, and R981620215; 2 1/2" weldolet-R973240325; 2" 3000# sockolet-R983000220; 2" 6000# sockolet-R973160254 and R973090220; 3/4 6000# sockolet-R973160255, R973240265, R982570211, R983420241, and R981530212; 3/4" 3000# sockolet-R962840229 and R942760267; 2" 90 deg. 3000# SW elbow-R973080222; 2" 90 deg 6000# SW elbow-R973110211, R983090217, and R980050206; 2 1/2" 90 deg sch 160 BW elbow-R973510238; 2 1/2" 45 deg sch 160 BW elbow-R973520213; 2 1/2" 90 deg sch 80 BW elbow-R983450239, and R983650203; 2 1/2" sch 160 BW tee-R973520215; 2 1/2" X 2" swaged nipple BLE-R990050228, R981530215, and R981530213; 2" 6000# SW coupling-R982180227, R982180228, R973110218, and R982180229; 2" 45 deg. 6000# SW elbow-R973110213, and R983200214; 2" 6000# SW tee-R983100227, R973110216, R973110215, and R982890219; 2" 3000# SW coupling-R951860273; 2" X 3/4" 6000# SW red. insert-R983090226, R980700212, and R982890216.

SUPPORTS: W4 X 13-R962190215; 4 x 3 TS-R970030219; 3 X 3 X 3/8" angle-R970100215; 1/2" plate-R970760259; 3 X 3 angle-R981530243; 3 X 3 TS-R962670216; 2 X 2 angle-R963620216; 4 X 4 TS-R982190258; 2.5 x 2.5 x 3/8" angle-R963590201; 2 X 2 X 1/4" angle-R972060273; 5 X 5 X 3/8" angle-R981400207; 1/4" plate-R970280213; 1" plate-R960800245; 1/2" U-Bolt-R982020204; 2" U-Bolt-R982010240 and R982010231; 5/8" nuts-R981600231; 3/4" nuts-R981600233.

SECTION 8 Tests Conducted: (cont'd) The following System Leakage Tests were conducted on the piping lines listed in Section 7 of this data report:

Test procedure CPS 2700.05. Package Identification Numbers (PIN) RH-98-01, RH-98-02, RH-98-03, RH-98-04, RH-98-05, RH-98-06, RH-98-07, RH-98-08.

SECTION 3 Repair Organization: Two welds were performed by PCI Energy Services, One Energy Drive, Lake Bluff, IL 60044 Under PO No. 21300-14. The work was performed under the NR Certificate of Authorization, Authorization Number NR No. 74 and Expiration Date of August 20, 2001. The completed NR-1 Form is attached.

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
 Box 678, Clinton, IL 61727
 Address

3. Work Performed by: AmerGen Energy Co., LLC
 Box 678, Clinton, IL 61727
 Address

Data Report No. RF-7-016

Date 10/11/2000

Sheet 1 of 1

Unit 1

D75249

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 NSA01 Code Class 2

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 1980 Edition, W81 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 CO	PIPING SYSTEM	NA	NSA01	1986	Replacement	Yes

7. Description of Work

Replaced bolting on 1SAB1B-6" that had been lost following removal to perform CPS 9861.02. This
NIS-2 completes the final review and certification of work for the deficiency identified in CR
2-00-10-055.

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: Bolts(8), TCN-R951160330; Nuts(8), TCN-R970150226 and R950240217.

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 B. A. Puchette, Supv-151
Owner or Owner's Designee, Title

Date 10/12, 2000

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 03/07/1997 to 10/11/2000, 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 OCTOBER, 2000

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-7-019</u> Date <u>11/11/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F08065</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> Address	
4. Identification of System	<u>NRH01</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-6214-85-1	N/A	1E12F021	1978	Replacement	Yes

7. Description of Work

Welded disk to disk nut in accordance with ECN-31785 and CR-1-98-03-213.

8. Tests Conducted:

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

9. Remarks

No Code parts were replaced.

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 B. J. Puchette, Supv. ISI
Owner or Owner's Designee, Title

Date 11/27, 2000

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 03/08/2000 to 11/11/2000, 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 30 November, 2000

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
 Box 678, Clinton, IL 61727
 Address

3. Work Performed by: AmerGen Energy Co., LLC
 Box 678, Clinton, IL 61727
 Address

Data Report No. RF-7-020

Date 11/11/2000

Sheet 1 of 1

Unit 1

D79961

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 NRH08 Code Class 2

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda,
 Code cases 1516.1, 1667, 1622, 1635.1,

(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-6214-56-2	N/A	1E12F028B	1978	Replacement	Yes

7. Description of Work

Drilled a 3/16" diameter hole in the valve disc per ECN30868.

8. Tests Conducted:

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

Nominal Operating Pressure ☐ Exempt ☒ Other ☐

9. Remarks

No Code parts were replaced.

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 B. P. Smith, Supv. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 04/07/2000 to 11/11/2000, 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 30 November, 2000

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-7-021
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
2. Plant Clinton Power Station Date 11/11/2000
Name
Box 678, Clinton, IL 61727 Sheet 1 of 1
Address Unit 1
3. Work Performed by: AmerGen Energy Co., LLC F06768
Box 678, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
4. Identification of System NVP01 Code Class 2
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-6214-231-2	NA	1VP005B	1980	Replacement	Yes

7. Description of Work

Installed a new valve disc per ECN 32311. The disc guides and seating surfaces were examined by
Liquid Penetrant testing following final machining.

8. Tests Conducted:

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

9. Remarks

Installed new valve disc SN-197 received on TCN-R002760206. The disc Code Data Report is attached.

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 B. A. Prudette, Supv- ISI
Owner or Owner's Designee, Title

Date 11/27, 2000

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 06/13/2000 to 11/11/2000, 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 IC #1721
National Board, State, Province

Date 28 November, 2000

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

1. Owner AmerGen Energy Co., LLC
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-7-022

Date 11/11/2000

Sheet 1 of 1

Unit 1

2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address

D75423

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

Type Code Symbol Stamp N/A

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System NWX01 Code Class 2

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)
Piping	ILLINOIS POWER CO	PIPING SYSTEM	NA	NWX01	1986	Replacement	Yes

7. Description of Work

Modified line 1WX12B-2" per ECN30072 to allow for installation of a 3/4" relief valve.

8. Tests Conducted:

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

9. Remarks

None

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 B. A. Puchette, SUPV. 131
Owner or Owner's Designee, Title

Date 11/13/, 2000

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 07/14/2000 to 11/11/2000, 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 14 November, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u>	Data Report No. <u>RF-7-023</u> Date <u>11/11/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	<u>D86177</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	
4. Identification of System	<u>NFP01</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-6214-212-1	N/A	1FP051	1979	Replacement	Yes

7. Description of Work

Modified valve in accordance with ECN 29371 to install a 3/4" valve drain line.

8. Tests Conducted:

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

9. Remarks

None

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 Ray Puchette, SUPV. - ISI
Owner or Owner's Designee, Title

Date 11/16, 2000

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 06/27/2000 to 11/11/2000, 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. H.
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date November 16, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u>	Data Report No. <u>RF-7-024</u> Date <u>11/11/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	<u>D75421</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	
4. Identification of System	<u>MC-1</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 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	MC-1	NA	MC-1	1985	Replacement	Yes

7. Description of Work

Modified line 1MC06B-4" per ECN30076 to allow for installation of a 3/4" relief valve.

8. Tests Conducted:

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

9. Remarks

None

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 Ben Puchette, Supv. ISI
Owner or Owner's Designee, Title

Date 11/30/, 2000

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 07/14/2000 to 11/11/2000, 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. Puchette
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 30 November, 2000

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
965 Chesterbrook Blvd., Wayne, PA 19087
 Name
 Address

2. Plant Clinton Power Station
Box 678, Clinton, IL 61727
 Name
 Address

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
 Address

Data Report No. RF-7-025

Date 11/13/2000
 Sheet 1 of 1
 Unit 1

F14260
 Repair Organization P.O. No., Job No.
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

Code Class 1

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)
Piping	ILLINOIS POWER	PIPING SYSTEM	NA	NRI02	1986	Replacement	Yes

7. Description of Work

Replaced damaged bolting on line 1NB01A-4" at the connection to the vessel head vent tee.

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(8) TCN-R950170295 and Nuts(4) TCN-R950210228.

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 B. J. Puchette, SUPV-151
Owner or Owner's Designee, Title

Date 11/13/, 2000

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 10/22/2000 to 11/13/2000, 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. Hany
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 14 Nov, 2000

1. Owner AmerGen Energy Co., LLC
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NGE01 Code Class 1

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

Data Report No. RF-7-028

Date 11/14/2000

Sheet 1 of 1

Unit 1

F14474

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

(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	14217101	NB-394	1B33C001A	1977	Replacement	Yes

7. Description of Work

The pump seal assembly is degraded and needs replaced. Replaced upper seal gland and seal holder.

8. Tests Conducted:

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

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

9. Remarks

Replacement items: Seal Holder- SN 1436139-1 NB No. 1279; Upper Seal Gland- SN 1436163-2 NB No. 1178. ASME Code Data Reports are attached.

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)

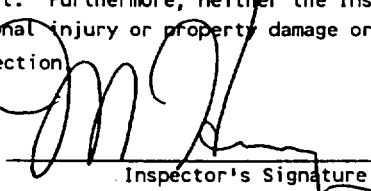
Signed B. J. Pickett, Supv - ISI
Owner or Owner's Designee, Title

Date 11/16, 2000

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 05/25/2000 to 11/14/2000, 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 16 NOVEMBER, 2000

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

1. Owner AmerGen Energy Co., LLC
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-7-029
Date 11/14/2000
 Sheet 1 of 1
 Unit 1

2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address

F08067
 Repair Organization P.O. No., Job No.
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NFC02 Code Class 2

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-6214-82-2	N/A	1E12F037B	1978	Replacement	Yes

7. Description of Work

Replaced the disc to disc nut tack weld with a full circumferential weld. This work implements ECN 31787 and Condition Report 1-98-03-213.

8. Tests Conducted:

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

9. Remarks

None

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 Ray Puchett, Supv. - 131
Owner or Owner's Designee, Title

Date 11/16, 2000

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 04/12/2000 to 11/14/2000, 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. Puchett
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 21 NOVEMBER, 2000

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-7-031</u> Date <u>11/15/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F08063, F08064</u> Repair Organization P.O. No., Job No. Type Code Symbol Stamp <u>N/A</u>
3. Work Performed by:	<u>AmerGen Energy Co., LLC</u> Box 678, Clinton, IL 61727 Address	Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System	<u>NHP01</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	NA	NHP01	1985	Replacement	Yes

7. Description of Work

Replaced snubbers 1HP03038S and 1HP03006S from a size PSA-3 to a PSA-10 in accordance with ECN's 31795 and 31796.

8. Tests Conducted:

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

9. Remarks

Items replaced were rear end brackets SN 1308-1 and 1308-2 and Snubbers SN's 16157 and 15882 . ASME Code Data Reports for the end brackets and snubbers are attached.

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 B. J. Pickett, Supv - 151
Owner or Owner's Designee, Title

Date 11/27, 2000

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 02/22/2000 to 11/15/2000, 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 28 November, 2000

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-7-033</u> Date <u>11/15/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F12701</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> Address	
4. Identification of System	<u>NRH07</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-6214-20-2	NA	1E12F041B	1979	Replacement	Yes

7. Description of Work

Valve 1E12F041B failed surveillance exercise test. Disassembled valve and implemented a portion of plant modification M-079. The limit switch actuator portion of the modification was implemented in accordance with change package revision A1512 and ECN 32123..

8. Tests Conducted:

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

9. Remarks

Replacement items were hinge pin cover and two cover studs obtained from Repair Kit accepted on TCN R932750035.

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 B. A. Puchot, Supv-131
Owner or Owner's Designee, Title

Date 11/16/, 2000

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 10/29/2000 to 11/15/2000, 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 17 November, 2000

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

1. Owner AmerGen Energy Co., LLC
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address

Data Report No. RF-7-035
Date 11/16/2000
Sheet 1 of 1
Unit 1

2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address

F05550 (A)
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System NFW02 Code Class 1

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)
Piping	ILLINOIS POWER	PIPING SYSTEM	NA	NFW02	1986	Replacement	Yes

7. Description of Work

Snubber 1FW02011S on line 1FW02HC-12" failed functional testing and was replaced with snubber SN 15883.

8. Tests Conducted:

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

9. Remarks

Replacement snubber was received on TCN R982590206.

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 B. P. Puchette, SUPV. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 10/20/2000 to 11/16/2000, 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. Puchette
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 1 December, 2000

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-7-040
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
 2. Plant Clinton Power Station Date 11/17/2000
Name Sheet 1 of 1
Box 678, Clinton, IL 61727 Unit 1
Address F05550(G)
 3. Work Performed by: AmerGen Energy Co., LLC Repair Organization P.O. No., Job No.
Box 678, Clinton, IL 61727 Type Code Symbol Stamp N/A
Address Authorization No. N/A
 Expiration Date N/A
 4. Identification of System NRH08 Code Class 1,2
 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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Piping	Illinois Power	PIPING SYSTEM	NA	NRH08	1985	Replacement	Yes

7. Description of Work

The load pin for snubber 1RH04060S on class 1 line 1RH03CB-12" was damaged during snubber removal for testing and snubber 1RH08068S on line 1RH02AB-14" exhibited signs of degradation and needed replaced. Replaced the load pin and snubber. This NIS-2 also documents work on Replacement Plan F05550(H).

8. Tests Conducted:

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

9. Remarks

Replacement load pin was received on TCN R950060267 and snubber(SN 19267) on R001230256.

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 B. P. Pickett, SUPV - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 10/26/2000 to 11/17/2000, 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. H.
Inspector's Signature

Commissions IC#1721
National Board, State, Province

Date 1 Dec, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NMS06 Code Class 1
5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases

Data Report No. RF-7-041
Date 11/17/2000
Sheet 1 of 1
Unit 1
F05550(I)
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

(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)
Piping	ILLINOIS POWER CO	PIPING SYSTEM	NA	NMS06	1986	Replacement	Yes

7. Description of Work

Snubbers 1MS05021S and 1MS05024S on lines 1MS30AB-2" and 1MS30AD-2" respectively exhibited signs of degradation and were replaced. This NIS-2 also documents work on Replacement Plan F05550(K).

8. Tests Conducted:

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

9. Remarks

Replacement snubbers were received as follows: 1MS05021S(SN 17718) on TCN R001230285 and 1MS05024S(SN 11321) on R001230280.

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 B. J. P. Smith, Supv. 151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 10/27/2000 to 11/17/2000, 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. Smith
Inspector's Signature

Commissions IL#1721
National Board, State, Province

Date 1 Dec, 2000

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>2. Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address</p> <p>3. Work Performed by: <u>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> Address</p> <p>4. Identification of System <u>NRI01</u> Code Class <u>1,2</u></p> <p>5. (a) 1) Applicable Construction Code (Piping) Section III 74 Edition, S74 Addenda, Code cases NONE</p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda Code Cases <u>None</u></p>	<p>Data Report No. <u>RF-7-042</u></p> <p>Date <u>11/17/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u></p> <p>F05550(J) 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>
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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	NRI01	1986	Replacement	Yes

7. Description of Work

Snubbers 1RI03009S and 1RI02003S on lines 1RI43A-8" and 1RI05A-4" respectively were replaced due to degradation or loose staking. Replaced damaged load pins on snubbers 1RI03015S, 1RI02003S, and 1RI01013S. This NIS-2 also documents work on Replacement Plans F05550(O), and (R).

8. Tests Conducted:

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

9. Remarks

Replacements were received as follows: Snubber 1RI03009S(SN 7623) TCN R001230284; snubber 1RI02003S(SN 18194) on TCN R001230282; The load pins were received on TCN's R962860224, R943020371, and R943640220.

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 B. Puchett, SUPV. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 10/28/2000 to 11/17/2000, 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 IC#1721
National Board, State, Province

Date 1 Dec, 2000

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-7-044</u>
		Date <u>11/21/2000</u>
		Sheet <u>1</u> of <u>2</u>
		Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F14681, F15601, F24480</u> Repair Organization P.O. No., Job No.
		Type Code Symbol Stamp <u>N/A</u>
3. Work Performed by:	<u>AmerGen Energy Co., LLC</u> Box 678, Clinton, IL 61727 Address	Authorization No. <u>N/A</u>
		Expiration Date <u>N/A</u>
4. Identification of System	<u>NLP01</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-See Remarks)		
(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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Piping	Illinois Power	PIPING SYSTEM	NA	NLP01	1985	Replacement	Yes
Pump	FLOWSERVE	00-WE-0052	NA	1E21C002	2000	Replacement	Yes
Valve	FLOWSERVE	E031T-3-1	NA	1E21F371	2000	Replacement	Yes
Valve	FLOWSERVE	E031T-3-3	NA	1E21F372	2000	Replacement	Yes
Valve	FLOWSERVE	E031T-1-4	NA	1E21F033	2000	Replacement	Yes
Valve	FLOWSERVE	E031T-1-2	NA	1E21F034	2000	Replacement	Yes
Valve	FLOWSERVE	E031T-1-8	NA	1E12F084A	2000	Replacement	Yes

7. Description of Work

Performed piping work necessary to install modification M-084 per ECN31814 and ECN32307. Work consisted of the addition of new piping items and components on lines 1LP09A-2", 1LP10A-1 1/2", and 1LP11A-2". In addition four new piping restricting orifices were added as follows 1E21D003B, 1E21D005, 1E21D006, and 1E21D007. (Continued in Remarks Sheet 2)

8. Tests Conducted:

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

9. Remarks

5. (a) 2 Components:

Valve: SECTION III	, 1974 Edition, W75	Addenda, Code case: NONE
Pump: Section III	, 1974 Edition, W75	Addenda, Code case: NONE

In addition to the new components listed above the following piping items and TCN's were used in the installation: 2" pipe R993610219; 2" SW coupling R001160224; 2" 90 deg elbow R991660212; 2" 45 deg elbow R001310233; 2" X 3/4" socolet R001540240; (continued in Remarks - Sheet 2)

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 B. Puchette, SUPV-151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 08/02/2000 to 11/21/2000, 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 30 November, 2000

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-7-044</u>
2.	Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	Date <u>11/22/2000</u> Sheet <u>2</u> of <u>2</u> Unit <u>1</u>
3.	Work Performed by <u>AmerGen Energy Co., LLC.</u> <u>Box 678, Clinton, Illinois 61727</u> Address	MWR- <u>See Sheet 1</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>
4.	Identification of System <u>NLP01</u>	Code Class <u>2</u>
5.	Applicable Codes <u>See Sheet 1</u>	
6.	Identification of Components Repaired or Replaced and Replacement Components (cont'd) <u>See Sheet 1</u>	
9.	Remarks (Cont'd)	

Section 7 Description of work (continued)

Completed minor modification to supports 1RH44003G and 1RH004G in accordance with Change Package Revision(CPR) A1488 to ECN 31814 to facilitate piping installation. CPR A1477 to ECN32307 was issued to correct a dimension. Work documents F15601 and F24480 document installation of new pump 1E21C002 and piping orifices.

Materials Used: (continued from Sheet 1 Remarks)

2" X 1" swaged nipple R001460240; 2" 150# RFSW flange R001610204; 2" 300# RFSW flange R002710228; 1 1/2" 150# RFSW flange R001020202; 1 1/2" pipe R000120224; 5/8" studs R992660334; 5/8" nuts R991370269; 1/2" studs R002620217; 1/2" nuts R990220225; orifice plate material R002430247.

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-7-045
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
Date 11/22/2000
Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address
F14681(A)
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NRH07 Code Class 2
5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases None
2) Applicable Construction Code (Component-Valve) Section III 1974 Edition, W1975 Addenda,
Code cases NONE
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases N416-1

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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Piping	Illinois Power	PIPING SYSTEM	NA	NRH07	1985	Replacement	Yes
Valve	FLOWSERVE	E031T-1-6	N/A	1E12F085A	2000	Replacement	Yes

7. Description of Work

Performed the NRH07 portion of piping changes to line 1RH20CA2" necessary to install modification M-084 per ECN31814.

8. Tests Conducted:

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

9. Remarks

Two inch piping material used was received on TCN R993610219.

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 B. Pruditt, Supv. -151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 08/02/2000 to 11/22/2000, 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 IC#1721
National Board, State, Province

Date 30 November, 2000

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-7-046</u> Date <u>11/22/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>D86178</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> Address	
4. Identification of System	<u>NFP01</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 <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-6214-212-2	NA	1FP054	1979	Replacement	Yes

7. Description of Work

Modified valve in accordance with ECN 31900 to allow the installation of a valve drain line.

8. Tests Conducted:

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

9. Remarks

None

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 B. Puellette, Supv. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 09/06/2000 to 11/22/2000, 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 30 November, 2000

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-7-047
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
2. Plant Clinton Power Station Date 11/27/2000
Name
Box 678, Clinton, IL 61727
Address
Sheet 1 of 1
Unit 1
F06605
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
3. Work Performed by: AmerGen Energy Co., LLC Authorization No. N/A
Box 678, Clinton, IL 61727 Expiration Date N/A
Address
4. Identification of System NGE01 Code Class 1
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	14217101	NB-394	1B33C001A	1977	Replacement	Yes

7. Description of Work

Replaced pump seal assembly with a new design seal assembly per Plant Modification RR-034.

8. Tests Conducted:

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

9. Remarks

Replacement items are Upper Seal Gland NB No. 1473 and Seal Holder NB No. 1274. ASME Code Data Reports for the replacement gland and holder are attached.

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 By P. A. P. Smith, Supv. - 151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 09/28/2000 to 11/27/2000, 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 30 November, 2000

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 Bryan P. White, Supv - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/22/2000 to 11/27/2000, 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.

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[Signature]
Inspector's Signature

Commissions IC# 1721
National Board, State, Province

Date 8 DECEMBER, 2000

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-7-049</u> Date <u>11/27/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F15328</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>AmerGen Energy Co., LLC</u> Box 678, Clinton, IL 61727 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 <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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	DIKKERS	160536	41	1B21F041B	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F041B for IST testing. Replaced all 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 bolting was received as follows: Inlet studs-R002280206; Inlet nuts-R002690219; Outlet studs-R002280208 and R002280209; Outlet nuts-R942880269.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 B. Puchette, SUPV. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/27/2000, 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 Dec. 1, 2000

1. Owner	<u>AmerGen Energy Co., LLC</u>	Data Report No.	<u>RF-7-050</u>
	<u>Name</u>	Date	<u>11/27/2000</u>
	<u>965 Chesterbrook Blvd., Wayne, PA 19087</u>	Sheet	<u>1</u> of <u>1</u>
	<u>Address</u>	Unit	<u>1</u>
2. Plant	<u>Clinton Power Station</u>		
	<u>Name</u>		
	<u>Box 678, Clinton, IL 61727</u>		
	<u>Address</u>		
3. Work Performed by:	<u>AmerGen Energy Co., LLC</u>		
	<u>Box 678, Clinton, IL 61727</u>		
	<u>Address</u>		
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			
	<u>*AND 1977, W77</u>		
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	<u>1989 Edition, No Addenda</u>		
Code Cases	<u>None</u>		

[illegible]

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 B. J. Annett, Supv. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/27/2000, 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. Annett
Inspector's Signature

Commissions IL#1721
National Board, State, Province

Date 8 DECEMBER, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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

Data Report No. RF-7-051
Date 11/28/2000
Sheet 1 of 1
Unit 1
F15334
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date 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	DIKKERS	160537	42	1B21F041F	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F041F for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R951210279; Inlet nuts-R950040228; Outlet studs-R970200278; Outlet nuts-R942880269.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 B. J. Puchette, Supv-151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/28/2000, 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 #1731
National Board, State, Province

Date 8 DECEMBER, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u></p> <p>2. Plant <u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u></p> <p>3. Work Performed by: <u>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u></p> <p>4. Identification of System <u>NGE02</u></p> <p>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></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>	<p>Data Report No. <u>RF-7-052</u></p> <p>Date <u>11/28/2000</u></p> <p>Sheet <u>1</u> of <u>1</u></p> <p>Unit <u>1</u></p> <p><u>F15336</u></p> <p>Repair Organization P.O. No., Job No. _____</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization No. <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>1,3</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	DIKKERS	160941	188	1B21F041G	1979	Replaced	Yes

7. Description of Work

Replaced valve 1B21F041G for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

Nominal Operating Pressure ☒ Exempt ☐ Other ☐

9. Remarks

Replacement bolting received as follows: Inlet studs-R951210279; Inlet nuts-R950040228; Outlet studs-R970200228; Outlet nuts-R942880269.

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 B. Puckett, Supv. - 151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/22/2000 to 11/28/2000, 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. Hays
Inspector's Signature

Commissions IL#1721
National Board, State, Province

Date 8 DECEMBER, 2000

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-7-053
Name 965 Chesterbrook Blvd., Wayne, PA 19087
Address
2. Plant Clinton Power Station Date 11/28/2000
Name Box 678, Clinton, IL 61727
Address F15340
3. Work Performed by: AmerGen Energy Co., LLC Repair Organization P.O. No., Job No.
Box 678, Clinton, IL 61727 Type Code Symbol Stamp N/A
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System NGE02 Code Class 1,3
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	160792	58	1B21F047A	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F047A for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R002280207; Inlet nuts-R002690219 and R950040228; Outlet studs-R950140266, R970200228 and R002280214; Outlet nuts-Rr942880269.

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 B. Puellett, Supv. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/22/2000 to 11/28/2000, 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.

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M. Hayn
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date Dec. 1, 2000

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-7-054
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
Date 11/28/2000
Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address
F15342
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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	160911	130	1B21F047B	1979	Replaced	Yes

7. Description of Work

Replaced valve 1B21F047B for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R951210279; Inlet nuts-R950040228 and R002690219; Outlet studs-R970200228; Outlet nuts-R942880269.

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 B. P. Pickett, SUPV.-151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/28/2000, 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. H. H. H.
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date Dec. 1, 2000

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
Box 678, Clinton, IL 61727
Address

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NGE02 Code Class 1,3

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

Data Report No. RF-7-055
Date 11/28/2000
Sheet 1 of 1
Unit 1
F15348
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date 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 or Replacement	ASME Code Stamped (Yes or No)
Valve	DIKKERS	160778	49	1B21F047F	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F047F for IST testing. Replaced all inlet and outlet flange bolting and one sub-exhaust nut.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R002280204; Inlet nuts-R002690219 and R950040228; Outlet studs-R002280211; Outlet nuts-R942880269; Sub-exhaust nut-R002730249.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 B. Prudett, Supv-151
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/28/2000, 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. Hay
Inspector's Signature

Commissions IL#1721
National Board, State, Province

Date 8 DECEMBER, 2000

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-7-056
Name 965 Chesterbrook Blvd., Wayne, PA 19087 Date 11/28/2000
Address Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station F15346
Name Box 678, Clinton, IL 61727 Repair Organization P.O. No., Job No.
Address Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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	160782	47	1B21F047D	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F047D for IST testing. Replaced all 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 bolting was received as follows: Inlet studs-R951210279; Inlet nuts-R002690219; Outlet studs-R970200228; Outlet nuts-R942880269.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 B. J. Puchett, Supv. - ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/28/2000, 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. Haynes
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 8 DECEMBER, 2000

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-7-057
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
Date 11/28/2000
Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address
F15344
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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	160946	239	1B21F047C	1980	Replaced	Yes

7. Description of Work

Replaced valve 1B21F047C for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R002280205; Inlet nuts-R002690219; Outlet studs-R002280210; Outlet nuts-Rr924880269.

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 B. Puchette, Supv.-ISI
Owner or Owner's Designee, Title

Date 11/30, 2000

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 03/23/2000 to 11/28/2000, 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 IC#1721
National Board, State, Province

Date Dec. 1,, 2000

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-7-058
Name
965 Chesterbrook Blvd., Wayne, PA 19087
Address
Date 11/28/2000
Sheet 1 of 1
Unit 1

2. Plant Clinton Power Station
Name
Box 678, Clinton, IL 61727
Address
F15350
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NGE02 Code Class 1,3

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	160783	60	1B21F051B	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F051B for IST testing. Replaced all inlet and outlet flange bolting.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R951210279 and R002280207; Inlet nuts-R002690219; Outlet studs-R970200228; Outlet nuts-R942880269.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 B. Puchette, Supv. - IS1
Owner or Owner's Designee, Title

Date 11/30, 20 00

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 03/23/2000 to 11/28/2000, 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. Hays
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 8 DECEMBER, 20 00

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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	160917	136	1B21F051C	1979	Replaced	Yes

7. Description of Work

Replaced valve 1B21F051C for IST testing. Replaced all 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 bolting was received as follows: Inlet studs-R951210279; Inlet nuts-R002690219; Outlet studs-R970200228; Outlet nuts-R942880269.

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 B. Puchot, Supv. - 151
Owner or Owner's Designee, Title

Date 11/30, 20 00

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 03/23/2000 to 11/28/2000, 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. Hays
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 8 DECEMBER, 20 00

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
Box 678, Clinton, IL 61727
Address

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NRH01 Code Class 2

5. (a) 1) Applicable Construction Code (Piping) Section III 1974 Edition, S74 Addenda,
Code cases None
2) Applicable Construction Code (Component-See Remarks)

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
Code Cases N416-1

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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Pump	FLOWERVE	00-WZ-0051	NA	1E12C003	2000	Replacement	Yes
Valve	FLOWERVE	E031T-1-7	NA	1E12F084B	2000	Replacement	Yes
Valve	FLOWERVE	E031T-1-5	NA	1E12F084C	2000	Replacement	Yes
Valve	FLOWERVE	E031T-1-1	N/A	1E12F085B	2000	Replacement	Yes
Valve	FLOWERVE	E031T-1-3	NA	1E12F085C	2000	Replacement	Yes
Valve	FLOWERVE	E031T-3-2	NA	1E12F531	2000	Replacement	Yes
Valve	FLOWERVE	E031T-3-4	NA	1E12F532	2000	Replacement	Yes

7. Description of Work

Perform piping and support work necessary to install modification M-084 per ECN's 31815, 32308, 32310, and 31999. Work will consist of the addition of new piping items on lines 1RH20A-2, 1RH20BB-2, 1RH20BC-2, 1RH20CB-2, and 1RHCC-2. In addition, three new piping restricting orifices 1E12D005, 1E12D006, and 1E12D007 were added. (Continued in Remarks Sheet 2)

8. Tests Conducted:

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

9. Remarks

5. (a) 2 Components:

Pump: Section III, 1974 Edition, W75 Addenda, Code case: NONE
Valve: Section III, 1974 Edition, W75 Addenda, Code case: NONE

Material Used: In addition to the components listed above the following piping items and their TCN's were used in the installation. 2" pipe R993610219; 2" SW coupling R001360211; 2" 90 deg elbow R001430244 (Continued in Remarks Sheet 2)

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 B. Puckett, SUPV-151
Owner or Owner's Designee, Title

Date 12/8, 2000

CERTIFICATE OF INSERVICE INSPECTION

1, 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 08/03/2000 to 12/01/2000, 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 December, 2000

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-7-060</u> Date <u>12/01/2000</u> Sheet <u>2</u> of <u>2</u> Unit <u>1</u>
2.	Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	MWR- <u>See Sheet 1</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>AmerGen Energy Co., LLC.</u> <u>Box 678, Clinton, Illinois 61727</u> Address	
4.	Identification of System <u>NRH01</u>	Code Class <u>2</u>
5.	Applicable Codes <u>See Sheet 1</u>	
6.	Identification of Components Repaired or Replaced and Replacement Components (cont'd) See Sheet 1	
9.	Remarks (Cont'd)	

Section 7 Description of work (continued)

CPR A1509 to ECN32310 was issued to correct an orifice dimension. Work document F15602 document replacement of the pump seal assembly and installation of new pump 1E12C003 and piping orifices.

Materials Used: (continued from Sheet 1 Remarks)

2" X 3/4" sockolet R001540240; 2" X 1" swaged nipple R001460240; 2" 150# RFSW flange R001610221; 2" 300# RFSW flange R002710228; 5/8" studs R992660334 and R00146232; 5/8" nuts R991370269; 1/2" studs R002620217; 1/2" nuts R992660335; orifice plate material R002430247.

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE01 Code Class 1
5. (a) 1) Applicable Construction Code (Component-Pump) Section III 1971 Edition, W73 Addenda,
Code cases NONE

Data Report No. RF-7-061
Date 12/01/2000
Sheet 1 of 1
Unit 1
F06606
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

(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

7. Description of Work

Replaced pump seal assembly with a new design seal assembly per Plant Modification RR-034.

8. Tests Conducted:

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

9. Remarks

Replacement items are Upper Seal Gland NB No. 1474 and Seal Holder NB No. 1364. ASME Code Data Reports for the replacement gland and holder are attached.

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 B. R. Rickett, SUPV-151
Owner or Owner's Designee, Title

Date 12/8, 2000

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 09/28/2000 to 12/01/2000, 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. Rickett
Inspector's Signature

Commissions IC #1721
National Board, State, Province

Date Dec. 8, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u>	Data Report No. <u>RF-7-062</u> Date <u>12/14/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	<u>F10709</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</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	14217101	NB-394	1B33C001A	1977	Replacement	Yes

7. Description of Work

On pump 1B33C001A replaced the Seal Holder and Upper Gland during seal rework. This NIS-2 Data Report is for traceability purposes because the seal installed was subsequently replaced per Plant Modification RR-034 under MWO F06605 and documented in NIS-2 RF-7-047.

8. Tests Conducted:

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

9. Remarks

Replacement items used were Upper Seal Gland NB No. 1179 and Seal Holder NB No. 1164. The ASME Code Data Report for the Upper Seal Gland is attached and the Seal Holder is located with NIS-2 RF-2-02 in N-5 System NGE01, Supplement 2.

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 B. P. Smith
Owner or Owner's Designee, Title

Date 12/15, 2000

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 06/23/2000 to 12/14/2000, 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 December, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NFC02 Code Class 2
5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S74 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-6214-82-1	N/A	1E12F037A	1978	Replacement	Yes

7. Description of Work

On valve 1E12F037A replaced the disc to disc nut tack weld with a full circumferential weld in accordance with ECN 31786.

8. Tests Conducted:

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

9. Remarks

No Code parts were replaced.

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 By A. P. P. P.
Owner or Owner's Designee, Title

Date 12/15, 2000

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 04/11/2000 to 12/15/2000, 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. P.
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 15 December, 2000

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-7-064
965 Chesterbrook Blvd., Wayne, PA 19087
Address Date 12/15/2000
 Sheet 1 of 1
 Unit 1

2. Plant Clinton Power Station
Box 678, Clinton, IL 61727
Address F10723
 Repair Organization P.O. No., Job No.
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address

4. Identification of System NHP01 Code Class 1

5. (a) 1) Applicable Construction Code (Component-Valve) Section III 1974 Edition, S75 Addenda,
 Code cases 1635-1, 1516.1, 1567, 1622, 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-6214-21-1	NA	1E22F005	1980	Replacement	Yes

7. Description of Work

Valve 1E22F005 had unacceptable seat leakage. Disassembled valve and implemented a portion of plant modification M-079. The limit switch actuator portion of the modification was implemented in accordance with change package revision A1510 and ECN 32129.

8. Tests Conducted:

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

9. Remarks

Replacement items were hinge pin cover and two cover studs obtained from repair kit accepted on TCN R932750004.

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 Mirza Bulp Acting Supervisor-ISI Date 12-15-, 2000
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 10/25/2000 to 12/15/2000, 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. Bulp
Inspector's Signature

Commissions IC#1721
National Board, State, Province

Date 15 December, 2000

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-7-065</u> Date <u>12/18/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F05356</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>AmerGen Energy Co., LLC</u> Name <u>Box 678, Clinton, IL 61727</u> Address	
4. Identification of System	<u>NMS01</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, W77 Addenda, Code cases N-30-1 (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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Piping	Illinois Power	PIPING SYSTEM	N/A	NMS01	1986	Replacement	Yes
Valve	EDWARDS	21AGW	NA	1B21F068	1995	Replacement	Yes

7. Description of Work

Valve 1B21F068 was leaking by seat. Valve body, disc and a section of 2" pipe were replaced.

8. Tests Conducted:

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

9. Remarks

Replacement items were received as follows: Valve body (21AGW) TCN-R950850207; Valve disc R960990303; and 2" pipe R950600284. ASME Code Data Report for replacement body is attached.

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 M. V. B. Acting Supervisor - ISI Date 12-21-, 2000
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 11/29/1999 to 12/18/2000, 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 IC # 1721
National Board, State, Province

Date 26 December, 2000

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-7-066</u> Date <u>12/18/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>D86179</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>AmerGen Energy Co., LLC</u> Address <u>Box 678, Clinton, IL 61727</u>	
4. Identification of System	<u>NFP01</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-6214-215-1	NA	1FP092	1979	Replacement	Yes

7. Description of Work

Modified valve 1FP092 per ECN31901 to allow for installation of a between the seat drain.

8. Tests Conducted:

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

9. Remarks

None

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 Mirza Baig Acting Sup-IST
Owner or Owner's Designee, Title

Date 12-20, 2000

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 07/14/2000 to 12/18/2000, 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 27 December, 2000

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
 965 Chesterbrook Blvd., Wayne, PA 19087
 Address
2. Plant Clinton Power Station
 Box 678, Clinton, IL 61727
 Address
3. Work Performed by: AmerGen Energy Co., LLC
 Box 678, Clinton, IL 61727
 Address
4. Identification of System NGE01 Code Class 1
5. (a) 1) Applicable Construction Code (Component-Tank) Section III 1971 Edition, S73 Addenda,
 Code cases 1141, 1332, 1361-2, 1557-1, N207
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases None

Data Report No. RF-7-067
 Date 12/20/2000
 Sheet 1 of 2
 Unit 1
F00065 (See Remarks)
 Repair Organization P.O. No., Job No. _____
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date 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)
Tank	CB&I Co.	B5225	4442	1B13D003	1978	Replacement	Yes

7. Description of Work

Twenty one (21) control rods were exhibiting performance related difficulties and were replaced.
All flange capscrews were replaced. Supplement Sheet 2 provides a listing of the core location and serial number of the CRD assemblies removed and installed.

8. Tests Conducted:

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

9. Remarks

Work Documents: (Continued)

F00680, F00697, F04124, F07372, F10822, F10887, F11010, F11011, F11751, F11758, F11759, F11760, F11761, F11762, F11763, F11764, F11765, F11766, F11767, and F14942.

The CRD capscrews were received on the following TCN's: R002760228, R961910215, and R990490221. ASME Code Data Reports for the replacement CRD's are attached.

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 Mirza Benji Acting Supervisor - ISI Date 12-21-, 2000
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 04/07/2000 to 12/20/2000, 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. Benji
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 27 December, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by AmerGen Energy Co., LLC.
Box 678, Clinton, Illinois 61727
Address
4. Identification of System NGE01
5. Applicable Codes See Sheet 1
6. Identification of Components Repaired or Replaced and Replacement Components (cont'd)

See Sheet 1
9. Remarks (Cont'd)
- Data Report No. RF-7-067
Date 12/20/2000
Sheet 2 of 2
Unit 1
MWO- See Sheet 1
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Code Class 1

Section 7 Description of work (continued)

Core Location	Removed SN	Installed SN
20-25	A3384	A7114
20-41	8856	A3147
28-13	A2458	A2275
12-17	9010	A5295
16-41	A3230	A3370
40-13	A2582	A4801
08-25	A3252	A3282
48-33	A2307	A4030
36-17	A3413	A2662
40-21	8941	A2519
32-53	A2634	A2461
24-17	A2308	A3229
16-17	A3245	A4835
20-49	A2626	A5280
16-05	8579	A4798
24-37	A3150	8672
24-29	A2674	A2744
20-09	9042	A3286
24-53	8508	A3272
28-09	A2504	A5202
36-49	A2758	A6515

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-7-068
Name 965 Chesterbrook Blvd., Wayne, PA 19087
Address
Date 12/20/2000
Sheet 1 of 1
Unit 1
2. Plant Clinton Power Station
Name F15330
Address Box 678, Clinton, IL 61727
Repair Organization P.O. No., Job No.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
3. Work Performed by: AmerGen Energy Co., LLC
Address Box 678, Clinton, IL 61727
Code Class 1,3
4. Identification of System NGE02 Code Class 1,3
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	160943	205	1B21F041C	1979	Replaced	Yes

7. Description of Work

Replaced valve 1B21F041C for IST testing. Replaced all inlet and outlet flange bolting, except for two inlet nut tensioners.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R951210279 and R002580203; Inlet nuts-R002790225; Outlet studs-R952130309; Outlet nuts-R942880269.

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 Mirza Banip Acting Supervisor- ISI Date 12-21-, 2000
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 03/23/2000 to 12/20/2000, 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 26 December, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u>	Data Report No. <u>RF-7-069</u> Date <u>12/20/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	<u>F15356</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	
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 <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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	DIKKERS	160949	207	1B21F051G	1979	Replaced	Yes

7. Description of Work

Replaced valve 1B21F051G for IST testing. Replaced all inlet and outlet flange bolting, except for six inlet nut tensioners.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R002580203; Inlet nuts-R002790225; Outlet studs-R002280213; Outlet nuts-R002930235 and R002930237.

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 Mirza Bani Acting Supervisor- ISI Date 12-21-, 2000
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 03/23/2000 to 12/20/2000, 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 26 DECEMBER, 2000

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
Box 678, Clinton, IL 61727
Address
3. Work Performed by: AmerGen Energy Co., LLC
Box 678, Clinton, IL 61727
Address
4. Identification of System NGE02 Code Class 1,3
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	160538	43	1B21F041L	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F041L for IST testing. Replaced all inlet, outlet, and sub-exhaust 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 bolting was received as follows: Inlet studs-R951210279; Inlet nuts-R002790225; Outlet studs-R970200228; Outlet nuts-R942880269; Sub-exhaust studs-R953330264 and nuts-R991370269.

Data Report for replacement valve is located in N5 System NGE02, Supplement 0.

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 Mirza Barje Acting Supervisor-SSI Date 12-21-, 2000
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 03/22/2000 to 12/20/2000, 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 26 December, 2000

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>Name</u> <u>965 Chesterbrook Blvd., Wayne, PA 19087</u> <u>Address</u>	Data Report No. <u>RF-7-071</u> Date <u>12/20/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant	<u>Clinton Power Station</u> <u>Name</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	<u>F15354</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>AmerGen Energy Co., LLC</u> <u>Box 678, Clinton, IL 61727</u> <u>Address</u>	
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 <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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	DIKKERS	160793	63	1B21F051D	1978	Replaced	Yes

7. Description of Work

Replaced valve 1B21F051D for IST testing. Replaced all inlet and outlet flange bolting, except for eleven inlet nut tensioners.

8. Tests Conducted:

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

9. Remarks

Replacement bolting was received as follows: Inlet studs-R951210279; Inlet nut-R002790225; Outlet studs-R962570258 and R952130309; Outlet nuts-R942880269.

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 Mirza Barty Acting Supervisor-SSI
Owner or Owner's Designee, Title

Date 12-21-, 2000

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 03/22/2000 to 12/20/2000, 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 26 December, 2000

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-7-072</u> Date <u>12/27/2000</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	<u>F07999R2</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>AmerGen Energy Co., LLC</u> <u>Box 678, 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	

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, No Addenda
 Code Cases N416-1

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 Replaced or Replacement	ASME Code Stamped (Yes or No)
Piping	Illinois Power	PIPING SYSTEM	NA	NRH07	1985	Replacement	Yes

7. Description of Work

Replaced valve 1E12F085A due to a sticking problem. A portion of piping line 1RH20CA-2" and support 1RH44005G were also replaced to facilitate the work.
Subsequent to this replacement the valve and a portion of the piping was replaced when the LP water leg pump modification was installed under modification M-084, ECN31814, and AR F14681.

8. Tests Conducted:

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

9. Remarks

Material was received as follows: Valve (SN-C1525) R943330287; 2" pipe-R963590202; 2" 90 DEG. Elbows-R991120300 and R991660212; Angle support material R940350030.

The attached valve data report is for reference only and is no longer a part of the system.

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 Mirza Banig Acting Supervisor-ISI Date 12-28-, 2000
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 06/11/1999 to 12/27/2000, 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. Banig
Inspector's Signature

Commissions IL#1721
National Board, State, Province

Date 28 December, 2000

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-7-074</u> Date <u>01/08/2001</u> Sheet <u>1</u> of <u>1</u> Unit <u>1</u>
2. Plant <u>Clinton Power Station</u> Name <u>Box 678, Clinton, IL 61727</u> Address	PMMSCM006 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>AmerGen Energy Co., LLC</u> <u>Box 678, 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	70	517 - 539	1C41F004B	76	Replacement	Yes

7. Description of Work

On valve 1C41F004B replaced the inlet fitting and trigger assembly following surveillance CPS 9015.02.

8. Tests Conducted:

Hydrostatic ☐ Pneumatic ☐ Pressure _____ psi Test Temp. _____ °F
 Nominal Operating Pressure ☒ Exempt ☐ Other ☐ _____

9. Remarks

Performed System Functional test on pump side of valve and System leakage test on Rx side. Material Received as follows: Inlet fitting(Sn 5349) and Trigger body(Sn 5330) installed per kit IPSK6001 - TCN R972400205. ASME Data Reports for parts are attached.

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 Mirza B. Acting Supervisor - ISI Date 1-8-, 2001
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 01/19/2000 to 01/08/2001, 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. B.
Inspector's Signature

Commissions IL #1721
National Board, State, Province

Date 8 JAN., 2001

**ASME SECTION XI, Subsection IWE, Class MC Components and
Subsection IWL, Class CC Components**

IWE

During RF-7, essentially all accessible Class MC components including the liner of the concrete containment received a General Visual Examination.

No areas of degradation were identified requiring further evaluation or corrective action in accordance with the ASME Code Section XI.

IWL

During RF-7, essentially all accessible Class CC components (concrete containment exterior surfaces) received a Visual Examination, VT-3C.

No areas of degradation were identified requiring further evaluation or corrective action in accordance with the ASME Code Section XI.