

L. William Pearce
Vice President724-682-5234
Fax: 724-643-8069February 10, 2005
L-05-030

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001


**Subject: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Sixteenth Refueling Outage Inservice Inspection Report**

This letter forwards the Inservice Inspection (ISI) Ninety-Day report on ASME Class 1, 2, and 3 components examined during the sixteenth refueling outage (1R16) at Beaver Valley Power Station (BVPS) Unit 1. The ASME Boiler and Pressure Vessel Code, Section XI, Article IWA-6230 requires that an inservice inspection report be submitted to the enforcement and regulatory authority having jurisdiction at the plant site within ninety days after completion of an inservice inspection. The recent inservice inspection term at BVPS Unit 1 ended on November 13, 2004.

The Class 1, 2 and 3 examinations are part of Interval 3, Period 2 of the Unit 1 ISI schedule, and were performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition.

There are no new regulatory commitments identified in this document. If you have any questions concerning this matter, please contact Mr. Larry R. Freeland, Manager, Regulatory Compliance at 724-682-4284.

Sincerely,


for L. W. Pearce

Attachment

c: Mr. T. G. Colburn, Project Manager
Mr. P. C. Cataldo, Sr. Resident Inspector
Mr. S. J. Collins, NRC Region I Administrator
Mr. J. Payton, Commonwealth of Pennsylvania

AD-17

BEAVER VALLEY POWER STATION UNIT 1
Route 168, Shippingport, PA

Outage 16, Year 2004

Inspection Term: 4/27/2003 to 11/13/2004

Issue date: 2-8-05

Owner: FirstEnergy
76 South Main St.
Akron, OH 44308

NRC Docket Number: 50-334

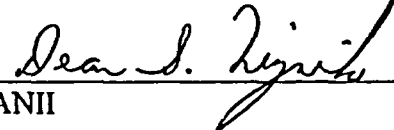
Reactor Supplier: Westinghouse Electric Corporation
Commercial Service Date: September 30, 1976

Prepared by: 

Date: 1/28/05

Reviewed by: 
Supv, Nuclear Programs

Date: 1/28/05

Reviewed by: 
ANII

Date: 2-2-05

Approved by:  for D.C. REEVES
Manager, Technical Services Engineering

Date: 2-8-05

**90-DAY REPORT
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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner FirstEnergy Nuclear Operating Company, Route 168, Shippingport, PA 15077
 (Name and Address of Owner)

2. Plant Beaver Valley Power Station, Route 168, Shippingport, PA 15077
 (Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 9/30/76 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	69103	105642B	21011
Pressurizer	Westinghouse	1311	434676V	68-50
1A Steam Generator	Westinghouse	1301	434597V	68-45
1B Steam Generator	Westinghouse	1302	434598V	68-46
1C Steam Generator	Westinghouse	1303	434599V	68-47
Reactor Coolant Piping	Southwest Fabricating	N/A	N/A	N/A
Auxiliary Piping	Schneider Power	N/A	N/A	N/A

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.

This form (E0029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07008-2300

FORM NIS-1 (Back)

8. Examination Dates 4/27/2003 to 11/13/2004
9. Inspection Period Identification: 8/1/2001 to 12/2/2004
10. Inspection Interval Identification: 9/21/1997 to 3/31/2008
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan: 1/2-ADM-2039, Revision 1
13. Abstract of Examination and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Appendix I (Code Exams) for exams performed during 1R16. 1R16 was the third outage in the 2nd Period of the 3rd Ten-Year Interval. This was the last outage in this period. All examinations have been completed to fulfill the 2nd Period completion percentage requirements specified by ASME XI.
14. Abstract of Results of Examination and Tests. See text of summary report.
15. Abstract of Corrective Measures. No Corrective measures resulting from NDE ISI examinations were required in 1R16

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date 1/28/05 Signed FirstEnergy Nuclear Operating Co. 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 Pennsylvania and employed by Hartford Steam Boiler of Connecticut have inspected the components described in this Owner's Report during the period 4-27-03 to 11-13-04 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer make any warranty, expressed or implied, concerning the examinations, tests, 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.

Dean J. Dyrich Commissions NB 9428 ASIB PA 2384
 Inspector's Signature National Board, State, Province and Endorsements
 Date 2-4-05

OUTAGE SUMMARY

During the Sixteenth Refueling Outage (1R16) at the Beaver Valley Power Station, Unit 1, Inservice Inspection (ISI) examinations were performed on Class 1 and 2 components. This was the third outage in the second period of the third ten year interval. The examinations were based on ASME Section XI, 1989 Edition.

ASME XI Class 1 and 2 Credited Exams (See Appendix I)

1. Four (4) Class 1 exams were performed:

Vessels, Visual Exams - 4

2. Thirteen (13) Class 2 exams were performed:

Piping Welds, Ultrasonic Exams - 13

3. Thirty-six (36) Class 1 and 2 RI-ISI VT-2 exams were performed:

Piping Welds, Visual Exam (VT-2) - 36

Examinations were performed by FirstEnergy Nuclear Operating Company (FENOC) NDE Technicians. Appendix I compiles the examinations that have been credited toward fulfilling the Ten Year Plan requirements.

Pressure Testing

The Class 1 piping System Leakage Test was performed prior to plant start-up from 1R16. All Class 1 bolted connections were examined during 1R16. Also, Class 2 and 3 system functional and system inservice tests were performed in accordance with 40-month pressure testing requirements.

Deficiency Resolution

There were no recorded ISI NDE deficiencies in 1R16.

Steam Generator Tube Examination

One hundred percent of the in-service tubes were examined in the three generators. Results of the examinations are submitted to regulatory authorities per Technical Specification requirements.

NIS-2 Forms

Included as Appendix II are the NIS-2 Forms associated with repairs and replacements. Code Case N-416-1 or N-416-2, Alternative Pressure Test Requirement for Welded Repairs or Installation of Replacement Items by Welding, Class 1, 2 and 3, was used. The NIS-2 specifies when the Case was implemented and which revision was used.

APPENDIX I
COMPLETED CODE EXAMINATIONS

APPENDIX I
1R16 Completed Code Exams

SUMMARY	COMPONENT ID	CLASS	CATEGORY	ITEM NO	DESCRIPTION	NDE_METHOD	ISO_NO
193100	RC-TK-1-RADIUS-6	1	B-D	B03.120	NOZZLE INSIDE RADIUS	VT-2, , ,	E-001P
186100	RC-E-1B-RADIUS(2H)	1	B-D	B03.140	NOZZLE INSIDE RADIUS	VT-1, , ,	E-001M
186200	RC-E-1B-RADIUS(2C)	1	B-D	B03.140	NOZZLE INSIDE RADIUS	VT-1, , ,	E-001M
162000	RC-R-1-ACC-INT	1	B-N-1	B13.010	INTERIOR	VT-3, , ,	E-001F
598900	SI-1-6-S-02	2	R-A	R01.011	PIPE WELD	UT , , ,	0083B
605400	SI-1-4D-S-04	2	R-A	R01.011	PIPE WELD	UT , , ,	0083C
598850	SI-1-6-L-40	2	R-A	R01.011	LONG WELD	UT , , ,	0083B
598950	SI-1-6-L-39	2	R-A	R01.011	LONG WELD	UT , , ,	0083B
605320	SI-1-4D-L-01	2	R-A	R01.011	LONG WELD	UT , , ,	0083C
605350	SI-1-4D-L-02	2	R-A	R01.011	LONG WELD	UT , , ,	0083C
605420	SI-1-4D-L-03	2	R-A	R01.011	LONG WELD	UT , , ,	0083C
757450	RS-25-3N-L-131	2	R-A	R01.011	LONG WELD	UT , , ,	0079B
757500	RS-25-3N-S-04	2	R-A	R01.011	PIPE WELD	UT , , ,	0079B
757550	RS-25-3N-L-130	2	R-A	R01.011	LONG WELD	UT , , ,	0079B
768450	RS-11-2-L-208	2	R-A	R01.011	LONG WELD	UT , , ,	0081A
768500	RS-11-2-S-03	2	R-A	R01.011	PIPE WELD	UT , , ,	0081A
768550	RS-11-2-L-207	2	R-A	R01.011	LONG WELD	UT , , ,	0081A
033300	CH-96-9-F-13	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0246A
036700	CH-97-7-S-07	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0247A
040000	CH-98-9-S-06	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0248A
298000	SI-102-2A-F-1A	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0200A
300300	SI-106-1C-S-02	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0200B
332300	SI-104-1-F-02	1	R-A	R01.012	SOCKET WELD	VT-2, , ,	0376A
436000	CH-69-1-S-07	2	R-A	R01.012	PIPE WELD	VT-2, , ,	0267A
443800	CH-71-1-S-07	2	R-A	R01.012	PIPE WELD	VT-2, , ,	0267A
397700	SI-82-1-S-01	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0192A
420100	CH-79-2B-S-07	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0265A
422700	CH-78-2B-S-06	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0265A
425200	CH-77-2B-S-05	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0265A
440000	CH-70-1-F-1X-A	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0267A
078600	RC-71-9-S-06	1	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0348B
085400	RC-72-4E-S-06	1	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0348D
420200	CH-79-2B-S-10	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0265A
422600	CH-78-2B-S-10	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0265A
425000	CH-77-2B-S-10	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0265A
470350	CH-131-1-F-4X	2	R-A	R01.012	SOCKET WELD	VT-2, , ,	0268A
509200	CH-124-10-F-09B	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, , ,	0273A

APPENDIX I
1R16 Completed Code Exams

630700	SI-26-3-S-10	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, . . .	0114A
635300	SI-16-3-S-11	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, . . .	0115A
648620	SI-37-1-F-19	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0360A
648630	SI-37-1-F-23	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0360A
648650	SI-36-1-F-26	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0360A
648660	SI-36-1-F-29	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0360A
648680	SI-145-1-F-01	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0360A
707500	RH-9-1-S-14	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, . . .	0075A
709200	RH-12-2-S-09	2	R-A	R01.012	BRANCH CONN. WELD	VT-2, . . .	0075A
913870	CH-57-1-S-22	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	0170B
913885	CH-123-1-F-01	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1042A
914850	CH-149-1-S-22	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1254A
916200	CH-149-1-S-17	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1254A
929500	CH-99-1-S-48	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1518A
929600	CH-100-1-S-42	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1538A
929700	CH-101-1-S-38	2	R-A	R01.012	SOCKET WELD	VT-2, . . .	1510A

APPENDIX II
REPAIR / REPLACEMENT ABSTRACT
AND
NIS-2 FORMS

NIS-2 ABSTRACT

<u>FORM NO.</u>	<u>MARK NUMBER</u>	<u>WORK ORDER NO.</u>	<u>COMMENTS</u>
1556	RV-1QS-100B	200029417	Corrected
1588	WR-651	02-010713-000	Replacement
1589	WR-42	02-010714-000	Replacement
"	1RW-141	"	"
1590	1VS-E-4B	02-014057-000	Replacement
1622	RV-1CH-203	200024659	Corrected
1642	TV-1IA-400	02-008296-002	Installed
"	1IA-90-4	"	Installed
"	1IA-90-1	"	Installed
"	1IA-90	"	Replacement
"	ACC-34	"	Replacement
"	ACC-35	"	Replacement
"	ACC-113	"	Replacement
1686	1PC-108	200022048	Corrected
1689	MOV-1RC-535	200045735	Installed
1690	WR-649	200043580	Installed
"	WR-41	"	Installed
"	1RW-140	"	Removed
1697	1RS-E-1A	200072000	Corrected
1698	1RS-E-1C	200071998	Corrected
"	"	200066742	"
1699	FE-1FW-101A	200015625	Installed
1700	FE-1CH-130	200091968	Corrected
1707	1CH-175	200102418	Installed
1708	1CH-177	200102056	Installed
1709	1MS-19	200070073	Installed
1710	1MS-20	200070072	Installed
1711	NRV-1MS101C	200015445	Corrected
1712	SV-1MS-101C	200017570	Installed
1713	SV-1MS-102C	200017597	Installed
1714	SV-1MS-103C	200017417	Installed
1715	SV-1MS-104C	200016390	Installed
1716	SV-1MS-105C	200016415	Installed
1722	REJ-1RW-25A	200074185	Installed
1723	REJ-1RW-25B	200014525	Installed
1724	REJ-1RW-27A	200074189	Installed
1725	1MS-18	200070163	Installed
1726	1MS-80	200065000	Corrected
1727	1MS-81	200065001	Corrected
1728	1MS-82	200065002	Corrected
1735	HYV-1FW-100A	200015627	Installed
1736	HYV-1FW-100B	200015586	Installed
1737	HYV-1FW-100C	200015457	Installed
1740	RV-1RC-551A	200059462	Installed
1741	1CH-138	200027095	Corrected
1743	1RW-811	200013659	Corrected
1744	REJ-1RW-4A1	200074190	Installed
1745	1MS-464	200073988	Corrected

NIS-2 ABSTRACT

<u>FORM NO.</u>	<u>MARK NUMBER</u>	<u>WORK ORDER NO.</u>	<u>COMMENTS</u>
1746	1FW-156A	200069902	Corrected
"	"	200073924	"
1747	1FW-156B	200069903	Corrected
"	"	200073925	"
1748	1FW-156C	200069887	Corrected
"	"	200073926	"
1751	MOV-1RW-113A	200015380	Installed
1752	MOV-1RW-113B	200015411	Installed
1753	MOV-1RW-113C	200015338	Installed
1754	MOV-1RW-113D1	200017496	Installed
1756	1RW-106	200072006	Corrected
1757	WR-14	200120728	Corrected
1759	FE-1FW-101B	200015446	Installed
1760	FE-1FW-101C	200015455	Installed
1761	1RC-E-1A	200062494	Corrected
1762	1RC-E-1B	200062495	Corrected
1763	1RC-E-1C	200062499	Corrected
1772	CC-HSS-021B	200066371	Replacement
1773	RC-PSSP-129	200066374	Replacement
1774	WGCB-PSSP-200A	200066377	Replacement
"	WGCB-PSSP-55E	"	"
1775	WFPD-HSS-229	200066386	Replacement
1776	SHP-HSS-206	200066387	Replacement
"	SHP-HSS-211	"	"
1777	RH-HSS-203	200066389	Replacement
1778	CC-HSS-408	200066390	Replacement
"	RH-HSS-114	"	"
1779	RS-HSS-209A	200066391	Replacement
"	SI-PSSP-010	"	"
"	WR-HSS-308	"	"

Form No. 1556

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

1. Owner First Energy Date 10/22/2003
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200029417
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date

4. Identification of System Quench Spray (Q3)

5. (a) Applicable Construction Code Section VIII 19 77 Edition, W79 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Safety/Relief Valve	Dresser	TE97872	N/A	RV-1QS-100B	---	Corrected	Yes
Disc	Dresser	ADB45	N/A	N/A	2003	Installed	No
Nozzle	Dresser	ADB94	N/A	Ht #714573	2003	Installed	No

7. Description of Work Replaced valve disc and nozzle.

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

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Previous NIS-2 Data Report No:743. *Year installed.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature], Senior Eng. Date 10/22, 20 03
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 3-23-03 to 10-27-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 10-27-, 20 03

Form No. 1588

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

1. Owner F.E.N.O.C. Date 07/21/03
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 W.O. #02-010713-000
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By FENOC-Maint. Services Type/Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date "

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacements 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	Stone & Webster	N/A	N/A	WR-651	1976	Replacement	No

7. Description of Work Replaced pipe and fittings.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Replacement in accordance with Code Case N416-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *Donna P. We* Senior Eng. Date July 21, 20 03
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in the Owner's Report during the period 4-28-03 to 7-25-03, 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.

Dean S. Reznik Commissions NB9428 A-JIB PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 7-25-, 20 03

Form No. 1589

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

1. Owner F.E.N.O.C.
(NAME)
76 South Main Street - Akron, OH 44308
(ADDRESS)

Date 07/21/03
 Sheet 1 of 1

2. Plant Beaver Valley Power Station
(NAME)
Shippingport, PA 15077
(ADDRESS)

Unit No. 1
W.O. #02-010714-000
REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By FENOC-Maint. Services
(NAME)
Shippingport, PA 15077
(ADDRESS)

Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacements 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	Stone & Webster	N/A	N/A	WR-42	1976	Replacement	No
Gate Valve	Crane	N/A	N/A	1RW-141	1976	Replaced	No
Ball Valve	Contromatics	85-332-17-2	N/A	1RW-141	2003	Replacement	No

7. Description of Work Replaced valve, pipe and fittings.

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

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Replacement in accordance with Code Case N-416-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *Sevir Eyr* Date July 21, 20 03
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-28-03 to 7-25-03, 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.

Dean S. Niznik Commissions 1B9428 ANIB PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 7-25-, 20 03

Form No. 1590

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

1. Owner F.E.N.O.C. Date 07/21/03
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 W.O. #02-014057-000
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By FENOC-Maint. Services Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date "

4. Identification of System Ventilation/River Water (Q3)

5. (a) Applicable Construction Code Section VIII, 19 71 Edition, S72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Heat Exchanger	York	1-2239	46531	1VS-E-4B	1972	Replacement	No
End Bell	York	N/A	N/A	N/A	2003	Replacement	No

7. Description of Work Replaced heat exchanger end bells.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks U-1 Data Report attached. The tube section of the heat exchanger was exempt to ASME Section VIII and was made to commercial grade. Previous NIS-2 Data Report Nos:1086, 348, 196.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *[Signature]* Senior Eng. Date July 21, 20 03
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-28-03 to 7-25-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB9428 ANIB PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 7-25, 20 03

FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS

F6-20-K

As required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by YORK DIVISION OF BORG-WARNER CORPORATION, YORK, PENNSYLVANIA - U.S.A.

2. Manufactured for BEAVER VALLEY POWER STATION, SHIPPINGPORT, PENNSYLVANIA

3. Type Horiz. Kind Ht. Exch Vessel No. (Mfr. Serial) (State & State No.) Natl. Bd. No. 46531 Yr. Built 1972

Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of heat exchangers.

4. SHELL Material SA-53-B T.S. 60,000 Nominal Thickness 5/16" Corrosion Allowance In. Diam. 15-3/8" Length 21'-11"

5. STAMS: Long Seamless H.T. No R.T. No Sectioned No Efficiency 100

If riveted describe seams fully on reverse side of form.

6. HEADS (a) Material T.S. (b) Material T.S. Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. STAY BOLTS: If hollow Attachment Pitch X Diam.

8. JACKET CLOSURE: (Describe as type & weld, bar, etc. If bar, give dimensions, if bolted, describe or sketch)

9. Constructed for max. allowable working press. 300 psi at max. temp. 250°F. Min. temp. (when less than -20°F) Test 375 psi

Items 10 and 11 to be completed for tube sections. SA-515-70 S.S. 304 SA-240 1/4" Clad

10. TUBE SHEETS: Stationary Material Steel Diam. 15-3/8" Thickness 1" Attachment Welded

11. TUBES: Material Stainless Steel SA-240 & SA-304 O.D. 3/4" In. Thickness #16BWG Number 150 Type Straight

Items 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

12. SHELL Material T.S. Nominal Thickness In. Corrosion Allowance In. Diam. Ft. In. Length Ft. In.

13. STAMS: Long H.T. R.T. Sectioned Efficiency

If riveted describe seams fully on reverse side of form.

14. HEADS (a) Material T.S. (b) Material T.S. (c) Material T.S. Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter

15. Constructed for max. allowable working press. 150 psi at max. temp. 150°F. Min. temp. (when less than -20°F) Test 100 psi Leak test

Items below to be completed for all vessels where applicable.

16. SAFETY VALVE OUTLETS: Number 1 Size 1/2" Location Near end of shell

Table with 8 columns: Purpose (Inlet, Outlet, Equal, Purge), Number, Diam. or Size, Type (Pipe, Coupling), Material, Thickness, Reinforcement Material, How Attached (Welded)

* If postweld heat-treated. * List under remarks other internal or external pressures with coincident temperature when applicable. (Over)

N. B. #46531

18. INSPECTION Manholes, No. _____ Size _____ Location _____
OPENINGS: Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

19. SUPPORTS: Skirt _____ Lugs _____ (Number) _____ Legs _____ (Number) _____
Other _____ (Describe) _____ Attached _____ (Where & How)

20. REMARKS: 16" x 7' Condenser - Refrigerant (Non-corrosive Service)
Tube section code exempt U-1(d)(2)
4" conn - weld end
Hydrostatic test 450 psi before tubing
SA-249 material conforms to UG-9

Constructed under the provisions of UG-90 (c)(2)
(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc. State contents of each part.)

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.
Date August 7 1972 Signed YORK, PENNA.
YORK DIVISION BORG-WARNER CORP.
A. L. Kam
Engineering Dept., Heat Exch.
Senior Engineer
Certificate of Authorization No. 875 Expires Dec. 31, 1972

CERTIFICATE OF SHOP INSPECTION
VESSEL MADE BY YORK DIVISION BORG-WARNER CORPORATION, YORK, PENNA. - U.S.A.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province Pennsylvania and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, Connecticut have inspected the pressure vessel described in this manufacturer's data report on May 16 1972, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date August 7 19 72
A. A. Casaff Commission Natl, Bd Comm. #3695
Inspector's Signature Nat'l Board, State, Province and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province _____ and employed by _____ of _____ have compared the statements in this manufacturer's data report with the described pressure vessel and state that parts referred to as data items _____ not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code. The described vessel was inspected and subjected to a hydrostatic test of _____ psi.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date _____ 19____

Inspector's Signature Commission _____
Nat'l Board, State, Province and No.

Form No. 1622

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

1. Owner F.E.N.O.C. Date 12/16/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200024659
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Chemical and Volume Control (Q2)

5. (a) Applicable Construction Code Section VIII 1968 Edition, — Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Relief Valve	Crosby	61680-003	N/A	RV-1CH-203	1990	Corrected	No
Nozzle	Anderson Greenwood Crosby	N94955-70-0096	N/A	Ht #9K425	2001	Installed	No
Disc Insert	Anderson Greenwood Crosby	N94984-59-0078	N/A	Ht. #A3QV	2002	Installed	No
Spindle Assy.	Crosby	K55173-64-012	N/A	Ht. #40912	1993	Installed	No

7. Description of Work Overhauled spare valve by replacing disc insert, nozzle, and spindle assembly.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Previous NIS-2 Data Report Nos: 1554, 1016, 768, 757, 445, 318, and 164. Spare valve
Applicable Manufacturer's Data Reports to be attached
was bench set point checked. In Service Leakage Test will be performed when installed into plant.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 18, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-19-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-19-, 20 05

Form No. 1642

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

1. Owner FENOC Date August 15, 2003
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 W.O. No. 02-008296-002
(ADDRESS) Repair/Replacement Organization P.D. No., Job No., etc.

3. Work Performed By BVPS Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA. 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Unit #1 Containment Instrument Air (System 34)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addendum
 (c) Applicable Section XI Code Case(s) N-416-1

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Trip Valve (1/4 Turn Butterfly)	SPX Valves and Controls	0220-97399-1-1	N/A	TV-11A-400	2003	Installed	No
Gate Valve	Velan	001025-4	N/A	11A-90-4	2001	Installed	Yes
Gate Valve	Velan	001025-6	N/A	11A-90-1	2001	Installed	Yes
Gate Valve	Velan	001025-5	N/A	11A-90	2001	Replacement	Yes
Gate Valve	William Powell Co.	N/A	N/A	11A-90	N/A	Removed	No
Piping	BVPS	N/A	N/A	2-ACC-34-151-Q2	2003	Replacement	No
Piping	BVPS	N/A	N/A	2-ACC-35-151-Q2	2003	Replacement	No
Piping	BVPS	N/A	N/A	2-ACC-113-151-Q2	2003	Replacement	No

7. Description of Work:

Modify piping and valves as part of ECP 02-0079 to eliminate the Containment Instrument Air Compressors, located inside Containment. They will be replaced by cross-connecting the Station Instrument Air System to the loads in containment via this modification to provide a more reliable system.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Reports available. ASME Code Case N-416-1 was utilized for performance and system leakage test in lieu of the hydrostatic pressure test.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Michael A. Gerardi *Michael Gerardi* Date August 15, 2003, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 10/7/01 to 4/26/03, 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.

Dean L. Ryzik
Inspector's Signature

Commissions I, N, P-2384
National Board, State, Province, and Endorsements

Date 3-26-, 20 04

DATA PACKAGE NO. 011025

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES *
As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of 2

- 1. Manufactured and certified by VELAN INC. 2125 WARD AVE, MONTREAL, QUEBEC CANADA H4M1T6
(name and address of N Certificate Holder)
- 2. Manufactured for FRAMATOME TECHNOLOGIES 3315-A OLD FOREST RD, LYNCHBURG, VA, USA 24501
(name and address of purchaser)
- 3. Location of installation N/A
(name and address)
- 4. Model No., Series No., or Type: GATE Drawing P1-76800-N21 Rev H CRN N/A
- 5. ASME Code, Section III, Division 1: 1989 NONE 1 N/A
(edition) (addenda date) (class) (Code Case no.)
- 6. Pump or valve VALVE Nominal inlet size 2 Outlet size 2
(in.) (in.)
- 7. Material: Body, SA-182, F316 Bonnet SA-182, F316 Disk SA-351, CF8M Bolting SA-194, BM
SA-564, 630H1100

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
011025-1	N/A	H/C: CCE	H/C: BVT	H/C: 62H
011025-2		CCE	BVT	62H
011025-3		CCE	BVT	62H
011025-4		CCE	BVT	66H
011025-5		CCE	BVT	62H
011025-6		CCE	BVT	62H
011025-7		CCE	BVT	62H
011025-8		CCE	BVT	62H
011025-9		CCE	BVT	62H
011025-10		CCE	BVT	62H
*****		***	***	***

Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00037) may be obtained from the Order Dept., ASME, 22 LAW DRIVE < BOX 2300 Fairfield, NJ 07007-2300.



Certificate Holder's Serial No. 011025

- 8. Design conditions 1920 psi 100 °F or valve pressure class 800 (1)
(pressure) (temperature)
- 9. Cold working pressure 1920 psi at 100°F
- 10. Hydrostatic test 3000 psi. Disk differential test pressure 2200 psi
- 11. Remarks: MATERIALS MEET ASME SECTION II EDITION: 1989 ADDENDA: NONE

CERTIFICATE OF DESIGN

Design Specification certified by M. LAVIGNE P.E. State QUE Reg. no. 40052
 Design report certified by S. ISBITSKY P.E. State QUE Reg. no. 22115

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1. N Certificate of Authorization No. N-2797-1 Expires APRIL 20, 2004

Date OCT 11 01 Name VELAN INC. Signed [Signature]
 (N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 QUEBEC and employed by REGIE DU BATIMENT of QUEBEC have inspected the pump, or valve, described in this Data Report on 01/10/16, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 01/10/16 signed [Signature] Commissions QUEBEC 8028
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

FRA-ANI
OP SUP
PBG

(1) For manually operated valves only.

Form No. 1686

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

1. Owner F.E.N.O.C. Date 12/16/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200022048
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Fuel Pool Cooling (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	Pacific	---	N/A	IPC-108	1976	Corrected	No
Plug	Pacific	N/A	N/A	Ht. #EWH	2004	Installed	No

7. Description of Work Replaced hinge pin plugs.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. *year installed.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N. PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1689

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 12/15/2004
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200045735
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Services Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code ANSI B16.5 1968 Edition, — Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Gate Valve	Velan	—	N/A	MOV-IRC-535	—	Removed	No
Gate Valve	Velan	042060	N/A	MOV-IRC-535	2004	Installed	No

7. Description of Work Replaced valve with spare.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Original valve also designed to MSS-SP-66A. New valve
Applicable Manufacturer's Data Reports to be attached
Designed to ANSI B31.1 67E and ANSI B16.34.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 11, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-12-05; 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.

Dean J. Zyzanski Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-12-, 20 05

Form No. 1690

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

1. Owner F.E.N.O.C. Date 12/17/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200043580
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Services Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S'71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pipe	FENOC	N/A	N/A	WR-649	2004	Installed	No
Pipe	FENOC	N/A	N/A	WR-41	2004	Installed	No
Gate Valve	Crane		N/A	1RW-140	1976	Removed	No

7. Description of Work Replaced pipe/fittings on pipelines WR-41 & WR-649, eliminated valve 1RW-140.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Replaced: 3" NPS Pipe Ht. # A41651; 3" Flange(s) Ht. #A22/2, Ht. #A24; 4" Pipe Ht. #N07061; 4" x 3" Reducer(s) Ht. # 188WNB-1, Ht. #188WNB-2; 3" Elbow(s) Ht. #H497AC, Ht. #PBJ202F; 4" x 3" Reducer(s) Ht. #710UNC-2, Ht. #710UNC-3;

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 17, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1697

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

1. Owner F.E.N.O.C. Date 01/10/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200072000
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Construction Serv. Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Recirculation Spray (Class C)

5. (a) Applicable Construction Code Section III 1968 Edition, W'68 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Heat Exchanger	Industrial Processes	6301-1	3179	IRS-E-1A	1971	Corrected	Yes

7. Description of Work Replaced diaphragms and seal welded, repaired lower flange.

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

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Previous NIS-2 Data Report Nos: 1577, 1417, 1251, 945, 854, 697, 595, 557, 435, and
Applicable Manufacturer's Data Reports, to be attached
295. Copy of original Code Data Report in NIS-2 Report No. 1577. Lower flange was repaired to
correct a grinder gouge mark.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 10, 20 05
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 PA and employed by HSBCT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 1-12-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB9428 ANIB PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-12-, 20 05

Form No. 1698 Rev.1

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/10/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order Nos. 200071998, 200066742
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Construction Serv. Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Recirculation Spray (Class C)

5. (a) Applicable Construction Code Section III 1968 Edition, W'68 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Heat Exchanger	Industrial Processes	6301-3	3181	IRS-E-1C	1971	Corrected	Yes

7. Description of Work Replaced diaphragms and seal welded, plugged and seal welded nine tubes.

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

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Previous NIS-2 Data Report Nos: 1578, 1418, 1252, 946, 855, 698, 689, 596, 558, 486,
Applicable Manufacturer's Data Reports to be attached
288 and 156. Copy of original Code Data Report in NIS-2 Report No. 1578. Tube plugs Ht. No.
D89473A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 19, 20 05
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 PA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-21-05, 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] Dean S. Riznik Commissions NB 9428 ANIB PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 20 05

Form No. 1699

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

1. Owner First Energy Corp Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200015625
(ADDRESS) Repair/Replacement Organization P.O. No.; Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q3)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
FE-1FW-101A	VALCOR	I			2002	INSTALLED	NO

7. Description of Work Installation of cavitating venturis into the Auxiliary Feedwater System lines feeding the steam generators

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks _____

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed M. P. Freshy Project Manager Date 12/6/04 2004
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 PA and employed by HSBCT of Hartford, CT.

_____ have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Dean S. Reznick _____ Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-6- 2004

Form No. 1700

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

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200091968
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Chemical and Volume Control (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Piping	Stone & Webster	N/A	N/A	FE-1CH-130	1976	Corrected	No
Flange	Energy & Process	N/A	N/A	Ht. #31909	2004	Installed	No

7. Description of Work Replaced flow element flange, studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. *year installed. Replaced lower flange on flow element.
Applicable Manufacturer's Data Reports to be attached
New 7/8" NPT studs: Ht. #7528/A186, nuts Ht. #HQT.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 21, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-21-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 20 05

Form No. 1707

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/12/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200102418
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Chemical and Volume Control (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Globe Valve	Rockwell-Edwards	---	N/A	1CH-175	1976*	Removed	No
Globe Valve	Edward Vogt	---	N/A	1CH-175	2001	Installed	No

7. Description of Work Replaced valve with spare.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Original valve was designed to B16.5 1968E.
Applicable Manufacturer's Data Reports to be attached
* year installed. Valve serial number was not recorded.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January, 17, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-17-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IND, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-17-, 20 05

Form No. 1708

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/12/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200102056
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Chemical and Volume Control (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Globe Valve	Rockwell-Edwards	---	N/A	1CH-177	1976*	Removed	No
Globe Valve	Edward Vogt	---	N/A	1CH-177	2001	Installed	No

7. Description of Work Replaced valve with spare.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Original valve was designed to B16.5 1968E.
Applicable Manufacturer's Data Reports to be attached
* year installed. Valve serial number was not recorded.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 17, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-17-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IN, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-17-, 20 05

Form No. 1709

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

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200070073
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Nozzle Check	Enertech	10549	N/A	IMS-19	1997	Removed	Yes
Nozzle Check	Enertech	11075	N/A	IMS-19	2001	Installed	Yes

7. Description of Work Replaced valve and inlet/outlet flange studs.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Previous NIS-2 Data Report Nos: 952, 824, 759, 497, 263,
Applicable Manufacturer's Data Reports to be attached
and 143. Valves were supplied as ASME Section III 1971E-S'72A but are installed in a B31.1
system. New 1/4" studs: Ht. #P127. Valve serial number 11075 had the disc replaced per P.O.
55100560, new disc Heat Code KUJ-3489.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 24, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-24-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IN, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-24-, 20 05

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Enertech, A Div. of Curtiss-Wright Flow Control Corp., 2950 Birch St., Brea, CA 92821
(name and address of N Certificate Holder)
2. Manufactured for First Energy Corp.; P.O. Box 3611; Akron, OH 44309-3611
(name and address of Purchaser)
3. Location of installation Beaver Valley Power Station; Route 168; Shippingport, PA 15077
(name and address)
4. Model No., Series No., or Type DRV-Z Drawing PD98401 Rev. E CRN None
5. ASME Code, Section III, Division 1: 1971 S72 3 None
(edition) (addenda date) (class) (Code Case no.)
6. Pump or valve Nozzle Check Valve Nominal inlet size 3 Outlet size 3
(in.) (in.)
7. Material: Body SA-105 Bonnet N/A Disk SA-479 Type 316 Bolting N/A

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
11075	None	KEI-001	None	JKT-023
11076	None	KEI-002	None	JKT-024

*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Certificate Holder's Serial No. 11075 & 11076

8. Design conditions 1100 (pressure) psi 560 (temperature) °F or valve pressure class 600 (1)

9. Cold working pressure 1440 psi at 100°F

10. Hydrostatic test 2175 psi. Disk differential test pressure 1600 psi

11. Remarks: Qty. 2, Enertech Job Number 24628V

CERTIFICATION OF DESIGN

Design Specification certified by Francis W. Gardner P.E. State PA Reg. no. 036614-E
 Design Report certified by Ira J. Silverman P.E. State CA Reg. no. 23241

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2826 Expires 10/26/02

Date 4/30/01 Name Enertech Signed David E. Whitaker
 (N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 California and employed by Hartford Steam Boiler Insp. & Insur. Co. of Connecticut have inspected the pump, or valve, described in this Data Report on 4/30/01, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 4/30/01 Signed William M. [Signature] Commissions LA1494
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

Form No. 1710

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

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200070072
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Nozzle Check	Enertech	11075	N/A	IMS-20	2001	Removed	Yes
Nozzle Check	Enertech	10550	N/A	IMS-20	1997	Installed	Yes

7. Description of Work Replaced valve and inlet/outlet flange studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Previous NIS-2 Data Report Nos: 1442, 951, 883, 760, 269,
Applicable Manufacturer's Data Reports to be attached
and 159. Valves were supplied as ASME Section III 1971E-S72A but are installed in a B31.1
system. New ¾" studs: Ht. #P127, nuts: Ht. #F864. Valve serial number 10550 had the disc
replaced per P.O. #55100560, new disc Heat Code KUJ-3488.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 24, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-24-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-24-, 20 05

10548, 10549,
10550, 10551

Certificate Holder's Serial No.

8. Design conditions 1100 (pressure) psi 560 (temperature) °F or valve pressure class 600 (1)
9. Cold working pressure _____ psi at 100°F
10. Hydrostatic test 2175 psi. Disk differential test pressure 1600 psi
11. Remarks: QTY: 4, ENERTECH Job Number: 15334V

CERTIFICATION OF DESIGN

Design Specification certified by Alan J. Fiorente P.E. State PA Reg. no. 032366-E
 Design Report certified by Ira J. Silverman P.E. State CA Reg. no. 23241

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.
 N Certificate of Authorization No. N-2826 Expires 10/26/99
 Date 8/6/97 Name ENERTECH Signed [Signature]
 (N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 California and employed by DOSH of California have inspected the pump, or valve, described in this Data Report on 8/6/97, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.
 By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
 Date 8/6/97 Signed [Signature] Commissions Cal 1234
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

Form No. 1711

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

1. Owner F.E.N.O.C. Date 01/12/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200015445
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 16066 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code B16.5 1968 Edition, — Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	Schutte & Koerting	ND690565	N/A	NRV-1MS-101C	1976	Corrected	No
Studs	Flowserve	N/A	N/A	Ht. #60924	2004	Installed	No
Nuts	Flowserve	N/A	N/A	Ht. #GG27	2004	Installed	No
Helicoil	Nova Machine	N/A	N/A	Ht. #40073637	2004	Installed	No
Nuts	Nova Machine	N/A	N/A	Ht. #F518	2004	Installed	No

7. Description of Work Replaced four studs and nuts, installed two helicoil inserts into stud holes.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report is available. Previous NIS-2 Data Report Nos: 1611 and 1218.

Applicable Manufacturer's Data Reports to be attached

*year installed.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 21, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-24-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-24-, 20 05

Form No. 1712

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

1. Owner F.E.N.O.C. Date 10/23/2004
(NAME)
76 South Main Street-Akron, OH 44308 Sheet 1 of
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200017570
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Service Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA15077 Authorization No. N/A
(ADDRESS) Expiration Date

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code Section III 1968 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SV-1MS-101C	Dresser	BM-07758	N/A	Safety Valve	1968	Removed	Yes
SV-1MS-101C	Dresser Flow Control	BY-89642	N/A	Safety Valve	2003	Installed	Yes

7. Description of Work Replaced valve and inlet studs/nuts.

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

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Also replaced inlet 1-3/8" studs (Ht Nos:8993360/QZC,
Applicable Manufacturer's Data Reports to be attached
13853-C625, S339,S339, and 13853-D623) and nuts (Ht Nos: K623, 73265-32-2-RXQ, 96582-
TTG) all supplied by Nova Machine.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date November 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 11-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-17-, 20 04

FORM NV-1 CERTIFICATE HOLDERS' DATA REPORT FOR PRESSURE OR VACUUM RELIEF VALVES'

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Dresser Flow Control, Dresser Inc. La. Hwy 3225 @ US Hwy 167 N
P. O. Box 1430 Alexandria, Louisiana 71309-1430
(name and address of NV Certificate Holder)

2. Manufactured for First Energy Corporation P. O. Box 3611 Akron, Ohio 44309-3611
(name and address of Purchaser)

3. Location of installation First Energy Corporation Beaver Valley Power Station Unit # 2 Shippingport, Pennsylvania 15077
(name and address)

4. Valve 3787A Orifice size 14.18 sq in Nom. Inlet size 6" Outlet size 10"
(model no., series no.) (in.) (in.) (in.)

5. ASME Code, Section III, Division 1: 1968 NO A, ARTICLE 9(2) N/A
(edition) (class) (date) (Code Case no.)

6. Type Spring 1075 Fixed Sat. 2250 at SAT
(spring, pilot or power operated) (set pressure, psig) (blowdown, psf) (rated temp.) (hydro. Test, psig, inlet) (year built)

7. Identification BY89642 N/A 3NC2022 N/A 2003
(Cert. Holder's serial no.) (CR#) (drawing no.) (Nat'l. Bd. No.) (year built)

8. Controlling settings Fixed

9. Pressure retaining items:

	Serial No. or Identification	Mat'l. Spec., Including Type or Grade	Tensile Strength
Body	ADP38	ASME SA216 GR WCC	75 ksi
Bonnet or Yoke	ADN84	ASME SA216 GR WCC	70 ksi
Support Rods	AD022, AD023	ASME SA193 GR B6	
Nozzle	ADN93	ASME SA182 GR F316	
Disk	AD048	ASTM A565 GR 616	75 ksi
Spring Washers			
Adjusting Screws			
Spindle			
Spring			
Bolting			
Other Items	YOKE ROD NUT HT # PH99	ASME SA194 GR 2H	75 ksi
Flanges			
10. Relieving capacity	<u>774,223 Lb/Hr Steam</u> @ <u>107</u> overpressure as certified by the National Board <small>(steam or fluid, lb/hr) (psf)</small>		<u>4-5-56</u> <small>(date)</small>

11. Remarks:

CERTIFICATION OF DESIGN			
Design Specification certified by	<u>Louis P. Copian</u>	P.E. State	<u>California</u> Reg. no. <u>16001</u>
Design Report certified by	<u>D. K. Sharma</u>	P.E. State	<u>Louisiana</u> Reg. no. <u>20244</u>
CERTIFICATE OF COMPLIANCE			
We certify that the statements made in this report are correct and that this valve conforms to the rules for construction of the ASME Code, Section III, Division 1...			
NV Certificate of Authorization No.	<u>1747</u>	Expires	<u>5/20/2004</u>
Date	<u>5/14/04</u>	Name	<u>SEE LINE 1</u> <small>(NV Certificate holder)</small>
		Signed	<u>JCSluckow</u> <small>(Authorized representative)</small>

FORM NV-1 (BACK--- Pg. 2 of 2)

Certificate Holder's Serial No. BY89642

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Pressure Vessel Inspectors and the State or Province of LOUISIANA and employed by HSB CT of HARTFORD, CT. have inspected the valve described in this Data Report on 5/17/04, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this valve in accordance with the ASME Code, Section III, Division 1. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/17/04 Signed [Signature] Commissions NBTTA 'A' 'N' Labeled
(Authorized Nuclear Inspector) (Nat'l. Bd. (incl. Endorsements) and state or prov. And no.)

Form No. 1713

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

1. Owner F.E.N.O.C. Date 10/23/2004
(NAME)
76 South Main Street-Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200017597
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Service Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code Section III -1968 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SV-1MS-102C	Dresser	BM-07761	N/A	Safety Valve	1968	Removed	Yes
SV-1MS-102C	Dresser Flow Control	BY-89643	N/A	Safety Valve	2003	Installed	Yes

7. Description of Work Replaced valve and inlet studs/nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Also replaced inlet 1-3/8" studs (Ht Nos:8993360/QZC,
Applicable Manufacturer's Data Reports to be attached
13853-C625, S339,S339, and 13853-D623) and nuts (Ht Nos: K623, 73265-32-2-RXQ, 96582-
TTG) all supplied by Nova Machine.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date November 16, 20 04
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 Pennsylvania and employed by HSB CT of

Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 11-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-17-, 20 04

"CORRECTED CODE DATA REPORT"

FORM NV-1 CERTIFICATE HOLDERS' DATA REPORT FOR PRESSURE OR VACUUM RELIEF VALVES

As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of 2

1. Manufactured and certified by Dresser Flow Control, Dresser Inc. La. Hwy 3225 @ US Hwy 167 N
P. O. Box 1430 Alexandria, Louisiana 71309-1430
(name and address of NV Certificate Holder)

2. Manufactured for First Energy Corporation P. O. Box 3611 Akron, Ohio 44309-3611
(name and address of Purchaser)

3. Location of installation First Energy Corporation Beaver Valley Power Station Unit # 2 Shippingport, Pennsylvania 15077
(name and address)

4. Valve 3707RA Orifice size 18.00 Sq In Nom. Inlet size 6" Outlet size 10"
(model no., series no.) (in.) (in.) (in.)

6. ASME Code, Section III, Division 1: 1968 NO A, Article 9(2) N/A
(edition) (addenda date) (class) (Code Case no.)

6. Type Spring 1085 33-98 Sat 2250 at 70 °F
(spring, pilot or power operated) (set pressure, psig) (blowdown, psig) (rated temp.) (hydro. Test, psig, inlet) (year built)

7. Identification BY-89843 N/A 3NC2022 N/A 2003
(Cert. Holder's serial no.) (CRN) (drawing no.) (Mater. Bd. No.)

8. Control ring settings: Lower - 8 Notches, Upper + 160 Notches

9. Pressure retaining items:

	Serial No. or Identification	Matl. Spec., Including Type or Grade	Tensile Strength
Body	ADP37	ASME SA216 GR WCC	70 ksi
Bonnet or Yoke	ADN83	ASME SA216 GR WCC	70 ksi
Support Rods	ADO24 & ADO25	ASME SA193 GR B6	110 ksi
Nozzle	ADN92	ASME SA182 GR F316	75 ksi
Disk	ADO38	ASTM A565 GR 616	N/A
Spring Washers			
Adjusting Screws			
Spindle			
Spring			
Bolting			
Other Items	Yoke Rod Nut HT #RH99	ASME SA194 GR 2H	N/A
Flanges			

10. Relieving capacity 873,601 Lb/Hr Steam @ 97 overpressure as certified by the National Board 10-13-1987
(steam or fluid, lb/hr) (psi) (date)

11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by Louis P. Coplan P.E. State California Reg. no. 16001
 Design Report certified by D. K. Sharma P.E. State Louisiana Reg. no. 20244

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

NV Certificate of Authorization No. 1747 Expires 5/20/2004

Date 6/29/04 Name SEE LINE 1 Signed [Signature]
(NV Certificate Holder) (authorized representative)

FORM NV-1 (BACK--- Pg. 2 of 2)

Certificate Holder's Serial No. By-89643

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Pressure Vessel Inspectors and the State or Province of LOUISIANA and employed by HSB CT of HARTFORD, CT. have inspected the valve described in this Data Report on 6/20/04, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this valve in accordance with the ASME Code, Section III, Division 1. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 6/30/04 Signed [Signature] Commissions U67719 'A' 'N' 'L' 'A' 'B' 'B' 'Y'
(Authorized Nuclear Inspector) (Natl. Bd. [incl. Endorsements] and state or prov. And no.)

Form No. 1714

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 10/23/2004
(NAME)
76 South Main Street-Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200017417
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Service Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA15077 Authorization No. N/A
(ADDRESS) Expiration Date "

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code Section III 1968 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SV-1MS-103C	Dresser	BM-07764	N/A	Safety Valve	1968	Removed	Yes
SV-1MS-103C	Dresser Flow Control	BY-89644	N/A	Safety Valve	2003	Installed	Yes

7. Description of Work Replaced valve and inlet studs/nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Also replaced inlet 1-3/8" studs (Ht Nos:8993360/QZC, 13853-C625, S339,S339, and 13853-D623) and nuts (Ht Nos: K623, 73265-32-2-RXQ, 96582-TTG) all supplied by Nova Machine.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Spec/UT Date November 17, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 11-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions ENR PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-17-, 20 04

FORM NV-1 CERTIFICATE HOLDERS' DATA REPORT FOR PRESSURE OR VACUUM RELIEF VALVES*

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Dresser Flow Control, Dresser Inc. La. Hwy 3225 @ US Hwy 167 N
(name and address of NV Certificate Holder)
P. O. Box 1430 Alexandria, Louisiana 71309-1430

2. Manufactured for First Energy Corporation P. O. Box 3611 Akron, Ohio 44309-3611
(name and address of Purchaser)

3. Location of installation First Energy Corporation Beaver Valley Power Station Unit # 2 Shippingport, Pennsylvania 15077
(name and address)

4. Valve 3707RA Orifice size 16.00 Sq In Nom. Inlet size 6" Outlet size 10"
(model no./series no.) (in.) (in.) (in.)

5. ASME Code, Section III, Division 1: 1968 NO A. Article 9 (2) N/A
(edition) (addenda date) (class) (Code Case no.)

6. Type Spring 1095 33-99 Sal. 2250 at 70 °F
(spring, pilot or power operated) (set pressure, psig) (blowdown, psi) (rated temp.) (hydro. Test, psig, inlet) (year built)

7. Identification BY-89644 N/A 3NC2022 N/A 2003
(Cert. Holder's serial no.) (CRN) (drawing no.) (Mater. Bd. No.)

8. Controlling settings Lower - 8 Notches, Upper + 160 Notches

9. Pressure retaining items:

	Serial No. or Identification	Mat'l. Spec., Including Type or Grade	Tensile Strength
Body	ADP35	ASME SA216 GR WCC	70 ksi
Bonnet or Yoke	ADN82	ASME SA216 GR WCC	70 ksi
Support Rods	ADO26 & ADO51	ASME SA193 GR B6	110 ksi
Nozzle	ADN90	ASME SA182 GR F316	75 ksi
Disk	ADO21	ASTM A565 GR 616	N/A
Spring Washers			
Adjusting Screws			
Spindle			
Spring			
Bolting			
Other Items	Yoke Rod Nut HT #RH99	ASME SA194 GR 2H	N/A
Flanges			

10. Relieving capacity 873,601 Lb/Hr Steam @ 87 overpressure as certified by the National Board 10-13-1967
(steam or fluid, lb/hr) (psi) (date)

11. Remarks:

CERTIFICATION OF DESIGN

Design Specification certified by Louis P. Copian P.E. State California Reg. no. 16001
 Design Report certified by D. K. Sharma P.E. State Louisiana Reg. no. 20244

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules for construction of the ASME Code, Section III, Division 1. ...

NV Certificate of Authorization No. 1747 Expires 5/20/2004

Date 5/14/04 Name SEE LINE 1 Signed [Signature]
(NV Certificate Holder) (authorized representative)

JUN. 23. 2004 11:33AM

DSESSER-VALVE

NO. 6436 P. 10

FORM NV-1 (BACK--- Pg. 2 of 2)

Certificate Holder's Serial No. By-89644

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Pressure Vessel Inspectors and the State or Province of LOUISIANA and employed by HSB CT of HARTFORD, CT. have inspected the valve described in this Data Report on 5/17/04, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this valve in accordance with the ASME Code, Section III, Division 1. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/17/04 Signed

[Signature]
(Authorized Nuclear Inspector)

Commissions UOSTA 'A' 'U' CABBY
(Nat'l Bd. (Incl. Endorsements) and state or prov. And no.)

Form No. 1715

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

1. Owner F.E.N.O.C. Date 10/23/2004
(NAME)
76 South Main Street-Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200016390
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Service Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code Section III 1968 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SV-IMS-104C	Dresser	BM-07767	N/A	Safety Valve	1968	Removed	Yes
SV-IMS-104C	Dresser Flow Control	BY-89645	N/A	Safety Valve	2003	Installed	Yes

7. Description of Work Replaced valve and inlet studs/nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Also replaced inlet 1-3/8" studs (Ht Nos:8993360/QZC,
Applicable Manufacturer's Data Reports to be attached
13853-C625, S339,S339, and 13853-D623) and nuts (Ht Nos: K623, 73265-32-2-RXQ, 96582-
TTG) all supplied by Nova Machine.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date November 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 11-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-17-, 20 04

FORM NV-1 CERTIFICATE HOLDERS' DATA REPORT FOR PRESSURE OR VACUUM RELIEF VALVES*

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Dresser Flow Control, Dresser Inc. La. Hwy 3225 @ US Hwy 167 N
P. O. Box 1430 Alexandria, Louisiana 71309-1430
(name and address of NV Certificate Holder)

2. Manufactured for First Energy Corporation P. O. Box 3611 Akron, Ohio 44309-3611
(name and address of Purchaser)

3. Location of installation First Energy Corporation Beaver Valley Power Station Unit # 2 Shippingport, Pennsylvania 15077
(name and address)

4. Valva 3707RA Orifice size 16.00 Sq In Nom. Inlet size 6" Outlet size 10"
(model no., series no.) (in.) (in.) (in.)

5. ASME Code, Section III, Division 1: 1968 NO A, Article 9 (2) N/A
(edition) (addenda date) (class) (Code Case no.)

6. Type Spring 1110 33-100 Sat. 2250 at 70 °F
(spring, pilot or power operated) (set pressure, psig) (blowdown, psi) (rated temp.) (hydro. Test, psig, inlet) (year built)

7. Identification BY-89645 N/A 3NC2022 N/A 2003
(Cert. Holder's serial no.) (CRN) (drawing no.) (Natl. Bd. No.)

8. Controlling settings Lower - 8 Notches, Upper + 160 Notches

9. Pressure retaining items:

	Serial No. or Identification	Mat'l. Spec. Including Type or Grade	Tensile Strength
Body	ADP36	ASME SA216 GR WCC	70 ksi
Bonnet or Yoke	ADN81	ASME SA216 GR WCC	70 ksi
Support Rods	ADO29 & ADO30	ASME SA193 GR B6	110 ksi
Nozzle	ADN91	ASME SA182 GR F316	75 ksi
Disk	ADP08	ASTM A565 GR 616	N/A
Spring Washers			
Adjusting Screws			
Spindle			
Spring			
Bolting			
Other Items	Yoke Rod Nut HT #RH99	ASME SA194 GR 2H	N/A
Flanges			

10. Relieving capacity 873,601 Lb/Hr Steam @ 72 overpressure as certified by the National Board 10-13-1967
(steam or fluid, lb/hr) (psi) (date)

11. Remarks:

CERTIFICATION OF DESIGN

Design Specification certified by Louis P. Coplan P.E. State California Reg. no. 16001
 Design Report certified by D. K. Sharma P.E. State Louisiana Reg. no. 20244

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

NV Certificate of Authorization No. 1747 Expires 5/20/2004

Date 5/14/04 Name SEE LINE 1 Signed [Signature]
(NV Certificate Holder) (authorized representative)

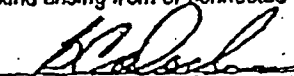
* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11 in.

Certificate Holder's Serial No. By-89645

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Pressure Vessel Inspectors and the State or Province of LOUISIANA and employed by HSB CT of HARTFORD, CT. have inspected the valve described in this Data Report on 5/17/04 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this valve in accordance with the ASME Code, Section III, Division 1. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/17/04 Signed


(Authorized Nuclear Inspector)

Commissions

NB774 "A" "D" Label
(Nat'l. Bd. (Incl. Endorsements) and state or prov. And no.)

Form No. 1716

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

1. Owner F.E.N.O.C. Date 10/23/2004
(NAME)
76 South Main Street-Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200016415
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Construction Service Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code Section III 1968 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SV-IMS-105C	Dresser	BM-07770	N/A	Safety Valve	1968	Removed	Yes
SV-IMS-105C	Dresser Flow Control	BY-89646	N/A	Safety Valve	2003	Installed	Yes

7. Description of Work Replaced valve and inlet studs/nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Also replaced inlet 1-3/8" studs (Ht Nos:8993360/QZC,
Applicable Manufacturer's Data Reports to be attached
13853-C625, S339,S339, and 13853-D623) and nuts (Ht Nos: K623, 73265-32-2-RXQ, 96582-
TTG) all supplied by Nova Machine.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] MAINTENANCE SPECIALIST Date November 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 11-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-17-, 20 04

FORM NV-1 CERTIFICATE HOLDERS' DATA REPORT FOR PRESSURE OR VACUUM RELIEF VALVES*

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Dresser Flow Control, Dresser Inc. La. Hwy 3225 @ US Hwy 167 N
P. O. Box 1430 Alexandria, Louisiana 71309-1430
(name and address of NV Certificate Holder)

2. Manufactured for First Energy Corporation P. O. Box 3611 Akron, Ohio 44309-3611
(name and address of Purchaser)

3. Location of installation First Energy Corporation Beaver Valley Power Station Unit # 2 Shippingport, Pennsylvania 15077
(name and address)

4. Valve 37D7RA Orifice size 16.00 Sq in Nom. Inlet size 6" Outlet size 10"
(model no., series no.) (in.) (in.) (in.)

5. ASME Code, Section III, Division 1: 1968 NO A, Article 9 (Z) N/A
(edition) (addenda date) (class) (Code Case no.)

6. Type Spring 1125 34-101 Sat 2250 at 70 °F
(spring, pilot or power operated) (set pressure, psig) (blowdown, psi) (rated temp.) (hydra. Test, psig, inlet)

7. Identification EY-89646 N/A 3NC2022 N/A 2003
(Cert. Holder's serial no.) (CRN) (drawing no.) (Nat'l Bd. No.) (year built)

8. Control ring settings Lower - 8 Notches, Upper + 160 Notches

9. Pressure retaining items:

	Serial No. or Identification	Mat'l. Spec., Including Type or Grade	Tensile Strength
Body	ADP34	ASME SA216 GR WCC	70 ksi
Bonnet or Yoke	ADN85	ASME SA216 GR WCC	70 ksi
Support Rods	ADO27 & ADO28	ASME SA193 GR B6	110 ksi
Nozzle	ADN89	ASME SA182 GR F316	75 ksi
Disk	ADP06	ASTM A565 GR 616	N/A
Spring Washers			
Adjusting Screws			
Spindle			
Spring			
Bolting			
Other Items	Yoke Rod Nut HT #RH99	ASME SA194 GR 2H	N/A
Flanges			
10. Relieving capacity	<u>873,601 Lb/Hr Steam</u> @ <u>58</u> overpressure as certified by the National Board <small>(steam or liq. lb/hr) (psi)</small>		<u>10-13-1967</u> <small>(date)</small>
11. Remarks:			

CERTIFICATION OF DESIGN

Design Specification certified by Louis P. Coplan P.E. State California Reg. no. 16001
 Design Report certified by G. K. Sharma P.E. State Louisiana Reg. no. 20244

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

NV Certificate of Authorization No. 1747 Expires 5/20/2004

Date 5/14/04 Name SEE LINE 1 Signed JCSL...
(NV Certificate Holder) (authorized representative)

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is A.17 v 11 (2) information is...

FORM NV-1 (BACK—Pg. 2 of 2)

Certificate Holder's Serial No. By-89646

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Pressure Vessel Inspectors and the State or Province of LOUISIANA and employed by HSB CT. of HARTFORD, CT. have inspected the valve described in this Data Report on 5/17/04, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this valve in accordance with the ASME Code, Section III, Division 1. By signing this certificate, either the inspector or his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/17/04 Signed *[Signature]* Commissions 126779 'A' 'N' 24664
(Authorized Nuclear Inspector) (Natl. Bd. (incl. Endorsements) and state or prov. And no.)

Form No. 1722

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/10/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200074185
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Construction Serv. Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, _____ Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Garlock	N/A	N/A	REJ-1RW-25A	1995	Removed	No
Expansion Joint	Garlock	N/A	N/A	REJ-1RW-25A	2004	Installed	No

7. Description of Work Replaced rubber expansion joint, studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 656. *Year installed.

Applicable Manufacturer's Data Reports to be attached

Replacement 1-1/4" NPT studs Ht. Nos: K339, J662; nuts Ht. Nos: A201, 68395-FSD.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January, 10, 20 05
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 PA and employed by HSB CT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 1-12-05, 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 I, N, PA 2384
National Board, State, Province, and Endorsements

Date 1-12-, 20 05

Form No. 1723

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

1. Owner F.E.N.O.C. Date 01/10/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200014525
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Construction Serv. Type/Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Garlock	N/A	N/A	REJ-IRW-25B	1995	Removed	No
Expansion Joint	Garlock	N/A	N/A	REJ-IRW-25B	2004	Installed	No

7. Description of Work Replaced rubber expansion joint, studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 729. *Year installed.
Applicable Manufacturer's Data Reports to be attached
Replacement 1-1/4" NPT Studs Ht. Nos: K339; Nuts Ht. Nos: 68395-FSD.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January, 10, 20 05
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 PA and employed by HCB CT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 1-12-05, 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] Commissioner's I. N. PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-12-, 20 05

Form No. 1724

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

1. Owner F.E.N.O.C. Date 01/10/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 Order #200074189
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Construction Serv. Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Garlock	N/A	N/A	REJ-IRW-27A	1995	Removed	No
Expansion Joint	Garlock	N/A	N/A	REJ-IRW-27A	2004	Installed	No

7. Description of Work Replaced rubber expansion joint, studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 629. *Year installed.
Applicable Manufacturer's Data Reports, to be attached
Replacement 1-1/4" NPT Studs Ht. Nos: J662; Nuts Ht. Nos: FSD, 68395-FSD.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January, 10, 20 05
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 PA and employed by ASB CT of HARTFORD, CT, have inspected the components described in this Owner's Report during the period 4-26-03 to 1-12-05, 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] I, N. PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-12-, 20 05

Form No. 1725

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200070163
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Nozzle Check	Enertech	10548	N/A	IMS-18	1997	Removed	Yes
Nozzle Check	Enertech	11236	N/A	IMS-18	2002	Installed	Yes

7. Description of Work Replaced valve and inlet/outlet flange studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks Code Data Report attached. Previous NIS-2 Data Report Nos: 953, 842, 600, 498, 311,
264, and 142. Valves were supplied as ASME Section III 1971E-S'72A but are installed in a B31.1
system. New 3/4" NPT studs: Ht. #F863 and P127. Valve serial number 11236 disc was replaced
by Enertech under Purchase Order 55100560, new disc Ht. Code KUJ-6111, year built-2003.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date February 1, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 2-1-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IN, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-1-, 20 05

Certificate Holder's Serial No. 11236

8. Design conditions 1100 psi 560 °F or valve pressure class 600 (1)
(pressure) (temperature)

9. Cold working pressure 1440 psi at 100°F

10. Hydrostatic test 2175 psi. Disk differential test pressure 1600 psi

11. Remarks: Qty. 1, Enertech Job Number 28199V

CERTIFICATION OF DESIGN

Design Specification certified by Francis W. Gardner P.E. State PA Reg. no. 036614-E
 Design Report certified by Ira J. Silverman P.E. State CA Reg. no. 23241

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2826 Expires 10/11/05

Date 11/22/02 Name Enertech, A Div. of Curtiss-Wright Flow Control Corp. Signed [Signature]
(N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 California and employed by HSB CT of Connecticut have inspected the pump, or valve, described in this Data Report on 11-22-02, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 11-22-02 Signed [Signature] Commissions CA 1520 NB 9425 N
(Authorized Inspector) [Nat'l. Bd. (Incl. endorsements) and state or prov. and no.]

(1) For manually operated valves only.

Form No. 1726

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200065000
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 – Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code ANSI B16.5/16.34 1973 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	Crane	N/A	N/A	IMS-80	1976	Corrected	No
Hinge Pin Plug	Crane Nuclear	N/A	N/A	N/A	2004	Installed	No

7. Description of Work Replaced and seal welded hinge pin plug. Replaced cover studs and nuts. Excavated and repair welded linear indication associated with seal weld.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report Nos: 1557, 1406, 1209, 1018
Applicable Manufacturer's Data Reports to be attached
843, 601 and 144. *year installed. New 5/8" NPT Cover studs: Ht. #M796, nuts: Ht. #M797.

Repair in valve body was 1/4" from the toe of the hinge pin plug seal weld. Excavation was
approx. .250" deep prior to weld repair.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 13, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-14-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] _____ Commissions IN PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-14-, 20 05

Form No. 1727

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

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200065001
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code ANSI B16.5/16.34 1973 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	Crane	N/A	N/A	IMS-81	1976	Corrected	No
Hinge Pin Plug	Crane Nuclear	N/A	N/A	N/A	2004	Installed	No

7. Description of Work Replaced and seal welded two hinge pin plugs. Replaced cover studs and nuts. Excavated and repair welded linear indication associated with seal weld.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report Nos: 1558, 1407, 1210, 1158
Applicable Manufacturer's Data Reports to be attached
997, 907, 844, 665, 537 and 168. *year installed. New 5/8" NPT Cover studs: Ht. #M796, nuts: Ht. #M797. Repair in valve body was 1/4" from the toe of the hinge pin plug seal weld. Excavation was approx. .250" deep prior to weld repair.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 13, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-14-05, 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] Dean J. Ignat Commissions I, N, P42384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-14-, 20 05

Form No. 1728

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

1. Owner F.E.N.O.C. Date 01/13/2005
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200065002
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 – Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code ANSI B16.5/16.34 1973 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	Crane	N/A	N/A	IMS-82	1976	Corrected	No
Hinge Pin Plug	Crane Nuclear	N/A	N/A	Lot #14K	2004	Installed	No

7. Description of Work Replaced and seal welded hinge pin plug. Replaced cover studs and nuts.
Excavated and repair welded linear indication associated with seal weld.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report Nos: 1559, 1408, 1211, 1019
Applicable Manufacturer's Data Reports to be attached
845, 666, and 148. *year installed. New 5/8" NPT Cover studs: Ht. #M796, nuts: Ht. #M797.
Repair in valve body was at the toe of the hinge pin plug seal weld. Excavation was approx. .125"
deep.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 13, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-14-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-14-, 20 05

Form No. 1735

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

1. Owner First Energy Corp
(NAME)
76 South Main Street, Akron, OH 44308
(ADDRESS)

Date November 10, 2004
 Sheet 1 of 2

2. Plant Beaver Valley Power Station
(NAME)
Shippingport, PA 15077
(ADDRESS)

Unit No. 1
200015627
Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction
(NAME)
Shippingport, PA 15077
(ADDRESS)

Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

5. (a) Applicable Construction Code ASME III Class 2 1971 Edition, W 1972 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HYV-1FW-100A	FLOWSERVE	AU201			2002	INSTALLED	NO

Flowsolve - Edward Vogt Valve Co.

7. Description of Work Installation of fast acting feedwater isolation valves (FWIVs) into the feedwater lines upstream of containment isolation check valves.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No code data report available

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Mr. F. J. [Signature], Project Manager Date 12/6/04, 2004
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 PA and employed by HSB CT of Hartford, CT

[Signature] have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Dean J. [Signature] Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-6-, 2004

Form No. 1736

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner First Energy Corp
(NAME)
76-South Main Street, Akron, OH 44308
(ADDRESS)

Date November 10, 2004
Sheet 1 of 2

2. Plant Beaver Valley Power Station
(NAME)
Shippingport, PA 15077
(ADDRESS)

Unit No. 1
200015586
Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction
(NAME)
Shippingport, PA 15077
(ADDRESS)

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

- 5. (a) Applicable Construction Code ASME III Class 2 1971 Edition, W 1972 Addenda, - Code Case
- (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
- (c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code, Stamped (Yes or No)
HYV-1FW-100B	FLOWERVE	AU202			2002	INSTALLED	NO

Flowserve - Edward Vogt Valve Co.

7. Description of Work Installation of fast acting feedwater isolation valves (FWIVs) into the feedwater lines upstream of containment isolation check valves.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

Form No. 1737

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner First Energy Corp Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200015457
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

5. (a) Applicable Construction Code ASME III Class 2 1971 Edition, W 1972 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HYV-IFW-100C	FLOWSERVE	AU203			2002	INSTALLED	NO

Flowsolve – Edward Vogt Valve Co.

7. Description of Work Installation of fast acting feedwater isolation valves (FWIVs) into the feedwater lines upstream of containment isolation check valves.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

Form No. 1740

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 12/15/2004
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order # 200059462
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1968 Edition, S'68 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Relief Valve	Target Rock	1	N/A	RV-1RC-551A	1995	Removed	Yes
Relief Valve	Target Rock	5	N/A	RV-1RC-551A	1973	Installed	Yes

7. Description of Work Replaced valve with spare for testing purposes.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report Nos: 1255, 892. Valve S/N 5
Applicable Manufacturer's Data Reports to be attached
was cleaned/inspected by Wyle Laboratories under Purchase Order #7060635.
New inlet studs (12 ea):1-3/8" UNC, Ht #S339.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 31, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 2-1-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-1-, 20 05

Form No. 1741

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

1. Owner F.E.N.O.C. Date 12/15/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200027095
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Chemical and Volume Control (Q2)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Diaphragm Valve	ITT Grinnell	---	N/A	ICH-138	---	Corrected	No

7. Description of Work Replaced body to bonnet studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. New Studs: 7/16" UNC, Nuts: 7/16" UNC HI. #J663.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1743

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

1. Owner F.E.N.O.C. Date 01/17/2005
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200013659
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Butterfly Valve	Enertech	10296	N/A	1RW-811	1994	Corrected	No

7. Description of Work Replaced inlet/outlet flange studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 701. Replacement

Applicable Manufacturer's Data Reports to be attached

1" NPS Studs: Ht. # J456, Nuts: Ht. #M128.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 17, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 1-19-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IN PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-19-, 20 05

Form No. 1744

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

1. Owner F.E.N.O.C.

(NAME)

76 South Main Street - Akron, OH 44308

(ADDRESS)

Date 01/17/2005

Sheet 1 of 1

2. Plant Beaver Valley Power Station

(NAME)

Route 168 - Shippingport, PA 15077

(ADDRESS)

Unit No. 1

Order #200074190

Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC-Maintenance

(NAME)

Route 168 - Shippingport, PA 15077

(ADDRESS)

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S71 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Garlock	N/A	N/A	REJ-1RW-4A1	1995	Removed	No
Expansion Joint	Garlock	N/A	N/A	REJ-1RW-4A1	2004	Installed	No

7. Description of Work Replaced rubber expansion joint and inlet/outlet studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 632. *year installed.

Applicable Manufacturer's Data Reports to be attached

Replacement 1-1/4" NPS Studs Ht. #J662.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date January 17, 20 05
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this

Owner's Report during the period 4-26-03 to 1-19-05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions IN, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-19-, 20 05

Form No. 1745

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 12/16/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200073988
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Main Steam (Q2)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
(c) Applicable Section XI Code Case(s)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built*	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Governor Valve	Dresser-Rand (Terry Steam Turbine)	T38492 (Turbine)	N/A	IMS-464	1976	Corrected	No
Plug	Dresser-Rand	N/A	N/A	N/A	2004	Installed	No

7. Description of Work Replaced valve stem/plug assemble.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 974. *year installed.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 16, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1746

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

1. Owner First Energy Corp Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200069902, 200073924
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1FW-156A	SCHUTTE & KOERTING	N-700484			1971	CORRECTED	NO

7. Description of Work - Motor operator and yoke removed and reassembled with replacement cover for simple check valve. Valve repaired to allow complete disc swing without binding.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed Mr. [Signature], Project Manager Date 12/6/04 20_____
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 PA and employed by HSBCT of Hartford, CT

_____ have inspected the components described in this

Owner's Report during the period 4-26-03 to 12-6-04 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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 I, N. PA 2384
National Board, State, Province, and Endorsements

Date 12-6- 20 04

Form No. 1747

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

1. Owner First Energy Corp Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200069903, 200073925
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1FW-156B	SCHUTTE & KOERTING	N-700485			1971	CORRECTED	NO

7. Description of Work - Motor operator and yoke removed and reassembled with replacement cover for simple check valve. Valve repaired to allow complete disc swing without binding.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed M. P. Foster, Project Manager Date 12/6/04 20_____
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 PA and employed by HSBCT of HARTFORD, CT

_____ have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Dean S. Rejcek Commissions E, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-6- 20 04

Form No. 1748

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner First Energy Corp. Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308
(ADDRESS) Sheet 1 of 2

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200069887, 200073926
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q2)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1FW-156C	SCHUTTE & KOERTING	N-700483			1971	CORRECTED	NO

7. Description of Work - Motor operator and yoke removed and reassembled with replacement cover for simple check valve. Valve repaired to allow complete disc swing without binding.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Blank lines for handwritten remarks.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed M. Festo, Project Manager Date 12/6/04, 2004
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 PA and employed by NSBCT of HARTFORD, CT.

_____ have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Sean S. Ryziak Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-6-, 20 04

Form No. 1751

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner F.E.N.O.C. Date 12/14/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200015380
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, 71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Gate Valve	Crane	---	N/A	MOV-IRW-113A	---	Removed	No
Gate Valve	Flowserve	E634T1-1	N/A	MOV-IRW-113A	2002	Installed	No

7. Description of Work Replaced valve and inlet/outlet studs, nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. New valve was designed in accordance with
Applicable Manufacturer's Data Reports to be attached
ANSI B16.34-1988 Edition. Replacement Studs: 5/8" UNC Ht. No. 537388 D352, Nuts: 5/8" UNC
Ht. No. D874.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-15-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-15-, 20 04

Form No. 1752

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

1. Owner F.E.N.O.C. Date 12/14/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200015411
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, 71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Gate Valve	Crane	---	N/A	MOV-IRW-113B	---	Removed	No
Gate Valve	Flowserve	E634T1-2	N/A	MOV-IRW-113B	2002	Installed	No

7. Description of Work Replaced valve and inlet/outlet studs, nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. New valve was designed in accordance with
Applicable Manufacturer's Data Reports to be attached
ANSI B16.34-1988 Edition. Replacement Studs: 5/8" UNC Ht. No. 538169 H177
Nuts: 5/8" UNC Ht. No. H660.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-15-04 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-15-, 20 04

Form No. 1753

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

1. Owner F.E.N.O.C. Date 12/14/2004
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200015338
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 – Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, 71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Gate Valve	Crane	914439-1	N/A	MOV-1RW-113C	—	Removed	No
Gate Valve	Flowserve	E634T1-3	N/A	MOV-1RW-113C	2003	Installed	No

7. Description of Work Replaced valve and inlet/outlet studs, nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 444. New valve was
Applicable Manufacturer's Data Reports to be attached
designed in accordance with ANSI B16.34-1988 Edition. Replacement Studs: 5/8" UNC Ht. No.
537388, Nuts: 5/8" UNC Ht. No. H660.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-15-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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 I, N, PA2384
National Board, State, Province, and Endorsements

Date 12-15-, 20 04

Form No. 1754

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

1. Owner F.E.N.O.C. Date 12/14/2004
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200017496
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 – Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Gate Valve	Wallworth	C58195	555	MOV-IRW-113DI	1975	Removed	Yes
Gate Valve	Flowserve	E634T1-4	N/A	MOV-IRW-113DI	2003	Installed	No

7. Description of Work Replaced valve and inlet/outlet flange studs, nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report No. 434. New valve was
Applicable Manufacturer's Data Reports to be attached
designed in accordance with ANS B16.34-1988 Edition. Replacement Studs: 5/8" UNC, Ht. No.
537388, Nuts: 5/8" UNC, Ht. No. G7030 F639

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 4-26-03 to 12-15-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-15-, 20 04

Form No. 1756

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

1. Owner F.E.N.O.C. Date 12/15/2004
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200072006
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1999
 (c) Applicable Section XI Code Case(s)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Check Valve	C & S Valve	89-0929-01(Q)-01	N/A	IRW-106	---	Corrected	No

7. Description of Work Replaced valve inlet/outlet flange studs and nuts.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Reports available. Previous NIS-2 Data Report Nos: 1220, 654. Inlet and outlet studs and nuts were replaced. Valve was manufactured to ANSI B31.1 1973E and B16.34 1981 Edition. New 1-1/4" studs Ht #K339, info on nuts is not available.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this

Owner's Report during the period 4-26-03 to 12-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions I, N, PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-17-, 20 04

Form No. 1757

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

1. Owner F.E.N.O.C. Date 12/15/2004
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168 - Shippingport, PA 15077 Order #200120728
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS-Maintenance Type Code Symbol Stamp N/A
(NAME)
Route 168 - Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System River Water (Q3)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s): N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pipe	Stone & Webster	N/A	N/A	WR-14	1993	Corrected	No

7. Description of Work Repaired pinhole leak in weld #WR-14-F-1.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Previous NIS-2 Data Report Nos: 410, 189.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Senior Specialist Date December 15, 20 04
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 Pennsylvania and employed by HSB CT of Hartford, CT have inspected the components described in this

Owner's Report during the period 4-26-03 to 12-17-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-17-, 20 04

Form No. 1759

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

1. Owner First Energy Corp Date November 10, 2004
(NAME)
76 South Main Street, Akron, OH 44308 Sheet 1 of 2
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200015446
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q3)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989
 (c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
FE-1FW-101B	VALCOR	2			2002	INSTALLED	NO

7. Description of Work Installation of cavitating venturis into the Auxiliary Feedwater System lines feeding the steam generators

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A Expiration Date _____ N/A

Signed M. P. Foster, Project Manager Date 12/6/04 2004
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 PA and employed by HEBCT of HARTFORD, CT.

_____ have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Daniel J. Nizich Commissions I, N, P 12384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-6- 20 04

Form No. 1760

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI**

1. Owner First Energy Corp Date November 10, 2004

(NAME)

76 South Main Street, Akron, OH 44308

(ADDRESS)

Sheet 1 of 2

2. Plant Beaver Valley Power Station

(NAME)

Shippingport, PA 15077

(ADDRESS)

Unit No. 1

200015455

Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By FENOC - Construction

(NAME)

Shippingport, PA 15077

(ADDRESS)

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Feedwater, BV-1-24-System (Q3)

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, S 1971 Addenda, - Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989

(c) Applicable Section XI Code Case(s) N-416-2

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
FE-1FW-101C	VALCOR	3			2002	INSTALLED	NO

7. Description of Work Installation of cavitating venturis into the Auxiliary Feedwater System lines feeding the steam generators

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
Other Pressure Normal psi Test Temp. Normal °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed M. P. Testa, Project Manager Date 12/6/04 20

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 PA and employed by HEBEL of HARTFORD, CT.

have inspected the components described in this Owner's Report during the period 4-26-03 to 12-6-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Jean S. Inyris, Inspector's Signature, Commissions I, N, PA 2384, National Board, State, Province, and Endorsements

Date 12-6-20 04

Form No. 1761

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

1. Owner First Energy Nuclear Operating Company Date 12/02/04
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168, Shippingport, PA 15077 Westinghouse P.O. 7024829
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS/Special Projects Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1965 Edition, W66 Addenda, 1429 Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 Edition No Addenda
 (c) Applicable Section XI Code Case(s)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	DLGT-1301	68-45	IRC-E-1A	1971	Corrected	Yes

7. Description of Work Installed 208 Inconel 690 tube plugs (104 tubes). Installed new gaskets on primary manways & secondary side handholes.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks ASME Work Order: (Tube Plugging) 200062494

Applicable Manufacturer's Data Reports to be attached

PA 434597

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per 1/2 ADM-0801, "ASME Section XI Repair/Replacement & Repair/Alteration Program"

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Project Manager Date December 02, 20 04
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 Pennsylvania and employed by HSB CT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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 NB9428 A NIB PA2384
National Board, State, Province, and Endorsements

Date 12-22- 20 04

Form No. 1762

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

1. Owner First Energy Nuclear Operating Company Date 12/02/04
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168, Shippingport, PA 15077 Westinghouse P.O. 7024829
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS/Special Projects Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1965 Edition, W66 Addenda, 1429 Code Case
 (d) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 Edition No Addenda
 (e) Applicable Section XI Code Case(s)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	DLGT-1302	68-46	IRC-E-1B	1971	Corrected	Yes

7. Description of Work Installed 80 Inconel 690 tube plugs (40 tubes). Installed new gaskets on
primary manways & secondary side handholes.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks ASME Work Order: (Tube Plugging) 200062495

Applicable Manufacturer's Data Reports to be attached

PA 434598

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per 1/2 ADM-0801, "ASME Section XI Repair/Replacement & Repair/Alteration Program"

Certificate of Authorization No. N/A Expiration Date N/A

Signed My Alberti s/c Project Manager Date December 02, 20 04
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 Pennsylvania and employed by HSB CT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Dean S. Zyzik Commissions NB9428 ANIB PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1763

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

1. Owner First Energy Nuclear Operating Company Date 12/02/04
(NAME)
76 South Main Street - Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Route 168, Shippingport, PA 15077 Westinghouse P.O. 7024829
(ADDRESS) Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By BVPS/Special Projects Type Code Symbol Stamp N/A
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date N/A

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1965 Edition, W66 Addenda, 1429 Code Case
 (f) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 Edition No Addenda
 (g) Applicable Section XI Code Case(s)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	DLGT-1303	68-47	IRC-E-1C	1971	Corrected	Yes

7. Description of Work Installed 104 Inconel 690 tube plugs (52 tubes). Installed new gaskets on
primary manways & secondary side handholes. Replaced 1 Primary M/W stud.

8. Tests Conducted: Hydrostatic* Pneumatic* Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

*Record test pressure and temperature

FORM NIS-2 (Back)

9. Remarks ASME Work Order: (Tube Plugging) 200062499

Applicable Manufacturer's Data Reports to be attached

Replaced stud on cold leg primary manway (CC6C).

PA 434599

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per 1/2 ADM-0801: "ASME Section XI Repair/Replacement & Repair/Alteration Program"

Certificate of Authorization No. N/A Expiration Date N/A

Signed Ray Alberti Sr Project Manager Date December 02, 20 04
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 Pennsylvania and employed by HSB CT of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 4-26-03 to 12-22-04 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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.

Dean S. Ignizio Commissions NB9428 ANIB PA2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-22-, 20 04

Form No. 1772

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

1. Owner F.E.N.O.C.
(NAME)

Date 1/18/05

76 South Main Street – Akron, OH 44308
(ADDRESS)

Sheet 1 of 1

2. Plant Beaver Valley Power Station
(NAME)

Unit No. 1

Shippingport, PA 15077
(ADDRESS)

200066371
REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering
(NAME)

Type Code Symbol Stamp Not Applicable

Shippingport, PA 15077
(ADDRESS)

Authorization No. N/A

Expiration Date _____

4. Identification of System Reactor Component Cooling

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Pacific-Scientific	24499	N/A	CC-HSS-021B	—	Replaced	No
Snubber	Pacific-Scientific	16932	N/A	CC-HSS-021B	—	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports
are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Deola, Snubber Program Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the

Owner's Report during the period 4-26-03 to 1-21-05, 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.

Dean S. Duzick Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C. Date 1/18/05
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200066374
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering Type Code Symbol Stamp Not Applicable
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Reactor Coolant (Non Q, but within first anchor)

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989E

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Pacific-Scientific	3699	N/A	RC-PSSP-129	--	Replaced	No
Snubber	Pacific-Scientific	3694	N/A	RC-PSSP-129	--	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Brodie, Snubber Hanger Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the

Owner's Report during the period 4-26-03 to 1-21-05, 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.

Dean J. Niziol
Inspector's Signature

Commissions

I, N, PA 2384
National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C. Date 1/18/05
(NAME)

76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)

Shippingport, PA 15077 200066377
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering Type Code Symbol Stamp Not Applicable
(NAME)

Shippingport, PA 15077 Authorization No. N/A
(ADDRESS)

Expiration Date _____

4. Identification of System Blowdown

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Pacific-Scientific	20928	N/A	WGCB-PSSP-200A	---	Replaced	No
Snubber	Pacific-Scientific	16933	N/A	WGCB-PSSP-200A	---	Replacement	No
Snubber	Pacific-Scientific	25736	N/A	WGCB-PSSP-55E	---	Replaced	No
Snubber	Pacific-Scientific	25511	N/A	WGCB-PSSP-55E	---	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports
are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Brodie, Snubber Program Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of
Hartford, CT. have inspected the components described in the

Owner's Report during the period 4-26-03 to 1-21-05, 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.

Dean S. Zignich Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C. Date 1/18/05
(NAME)
- 76 South Main Street -- Akron, OH 44308 Sheet 1 of 1
(ADDRESS)
2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
- Shippingport, PA 15077 200066386
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.
3. Work Performed By Plant Engineering Type Code Symbol Stamp Not Applicable
(NAME)
- Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____
4. Identification of System Feedwater
5. (a) Applicable Construction Code ANSI B31.1 -- 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989E
6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Grinnell	30460	N/A	WFPD-HSS-229	---	Replaced	No
Snubber	Grinnell	24503	N/A	WFPD-HSS-229	---	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports
are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Brooker Snubber Program Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-26-03 to 1-21-05, 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.

Dean S. Dignih Commissions I, N1 P-2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C.
(NAME)

Date 1/18/05

76 South Main Street - Akron, OH 44308
(ADDRESS)

Sheet 1 of 1

2. Plant Beaver Valley Power Station
(NAME)

Unit No. 1

Shippingport, PA 15077
(ADDRESS)

200066387
REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering
(NAME)

Type Code Symbol Stamp Not Applicable

Shippingport, PA 15077
(ADDRESS)

Authorization No. N/A

Expiration Date _____

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Grinnell	8333	N/A	SHP-HSS-206	—	Replaced	No
Snubber	Grinnell	8335	N/A	SHP-HSS-206	—	Replacement	No
Snubber	Grinnell	19825	N/A	SHP-HSS-211	—	Replaced	No
Snubber	Grinnell	19826	N/A	SHP-HSS-211	—	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports
are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Broder, Snubber Program Owner Date Jan 18, 2005.
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-26-03 to 1-21-05, 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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Dean S. Dyrish Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C.
(NAME)

Date 1/18/05

76 South Main Street – Akron, OH 44308
(ADDRESS)

Sheet 1 of 1

2. Plant Beaver Valley Power Station
(NAME)

Unit No. 1

Shippingport, PA 15077
(ADDRESS)

200066389
REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering
(NAME)

Type Code Symbol Stamp Not Applicable

Shippingport, PA 15077
(ADDRESS)

Authorization No. N/A

Expiration Date _____

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Grinnell	11739	N/A	RH-HSS-203	—	Replaced	No
Snubber	Grinnell	8315	N/A	RH-HSS-203	—	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Brooks, Snubber System Owner Date Jan 18, 2005
Owner or Owner's Designated, 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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-26-03 to 1-21-05, 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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Dean S. Tizib Commissions I, N, PA 2384
Inspector's signature National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C. Date 1/18/05
(NAME)
76 South Main Street – Akron, OH 44308 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(NAME)
Shippingport, PA 15077 200066390
(ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering Type Code Symbol Stamp Not Applicable
(NAME)
Shippingport, PA 15077 Authorization No. N/A
(ADDRESS) Expiration Date _____

4. Identification of System Reactor Component Cooling & Residual Heat Removal

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989E

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Grinnell	22179	N/A	CC-HSS-408	—	Replaced	No
Snubber	Grinnell	25881	N/A	CC-HSS-408	—	Replacement	No
Snubber	Grinnell	9153	N/A	RH-HSS-114	—	Replaced	No
Snubber	Grinnell	8402	N/A	RH-HSS-114	—	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert Broder, Snubber Program Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-26-03 to 1-21-05, 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.

Dean S. Fyvie
Inspector's Signature

Commissions I, N, PA 2384
National Board, State, Province, and Endorsements

Date 1-21-, 2005

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

1. Owner F.E.N.O.C.
(NAME)

Date 1/18/05

76 South Main Street – Akron, OH 44308
(ADDRESS)

Sheet 1 of 1

2. Plant Beaver Valley Power Station
(NAME)

Unit No. 1

Shippingport, PA 15077
(ADDRESS)

200066391
REPAIR ORGANIZATION P.O. NO., JOB NO., ETC.

3. Work Performed By Plant Engineering
(NAME)

Type Code Symbol Stamp Not Applicable

Shippingport, PA 15077
(ADDRESS)

Authorization No. N/A

Expiration Date _____

4. Identification of System Containment Depressurization, Safety Injection & River Water

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S71 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacements Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (YES or NO)
Snubber	Grinnell	8402	N/A	RS-HSS-209A	—	Replaced	No
Snubber	Grinnell	9185	N/A	RS-HSS-209A	—	Replacement	No
Snubber	Grinnell	25881	N/A	SI-PSSP-010	—	Replaced	No
Snubber	Grinnell	8804	N/A	SI-PSSP-010	—	Replacement	No
Snubber	Grinnell	8173	N/A	WR-HSS-308	—	Replaced	No
Snubber	Grinnell	8179	N/A	WR-HSS-308	—	Replacement	No

7. Description of Work Replaced snubber with spare for testing/refurbishment purposes.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks The snubbers were replaced with a used spare rotated from stock. No Code Data Reports
are available. The snubbers were purchased non-NF components (non-code).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Robert Beaulieu, Snubber Prog. Owner Date Jan 18, 2005
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 Pennsylvania and employed by HSB CT of Hartford, CT. have inspected the components described in the Owner's Report during the period 4-26-03 to 1-21-05, 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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Dean D. Tuzick Commissions I, N, PA 2384
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-21-, 2005