

INSERVICE INSPECTION NINETY-DAY REPORT

BEAVER VALLEY POWER STATION UNIT I

Outage 11, Year 1996

Inspection Term: 3/3/95 to 5/8/96

Issue date: 7-23-96

Owner: Duquesne Light Company
One Oxford Center
301 Grant Street
Pittsburgh, PA 15279

NRC Docket Number: 50-334

Reactor Supplier: Westinghouse Electric Corporation
Gross Generating Capability: 852 MWe
Commercial Service Date: September 30, 1976

Prepared by: J. Grabowski

Date: 7/12/96

Reviewed by: ^{DW} R.A. Healy, Jr.
Director, Nuclear Analysis and Inspection

Date: 7/18/96

Reviewed by: A.J. Cimoch
ANII

Date: 7/22/96

Reviewed by: [Signature]
Manager, Nuclear Engineering Department

Date: 7/19/96

Approved by: [Signature]
Division Vice President, Nuclear Services

Date: 7/22/96

90-DAY REPORT
TABLE OF CONTENTS

<u>Item</u>	<u>Page Number</u>
Cover Page	1
Table of Contents	2
Form NIS-1	3 - 5
Outage Summary	6
ASME XI Vessel, Piping and Support Examinations	
1. Class 1	6
2. Class 2	6
3. Class 3	6
Reactor Vessel Examination	7
Pressure Testing	7
Snubber Examinations	7
Deficiency Resolution	7
Steam Generator Tube Examination	7
NRC Bulletin 88-09, Flux Thimbles	7
NIS-2 Forms	7
Appendix I - Completed Code Examinations	
Appendix IA - Incomplete / Limited Code Examinations	
Appendix IB - Disassembly Required Examinations	
Appendix II - Additional or Successive Examinations	
Appendix III - Deficiency Report Summary	
Appendix IV - Reactor Vessel Examination Summary	
Appendix V - Steam Generator Eddy Current Examinations	
Appendix VI - Flux Thimble Eddy Current Examinations	
Appendix VII - Repair/Replacement Abstract and NIS-2 Forms	

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Duquesne Light Co. One Oxford Centre, Pittsburgh, PA 15279
(Name and Address of Owner)
2. Plant Beaver Valley Power Station, P.O. Box 4, Shippingport, PA 15077
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) 26-05000
5. Commercial Service Date 9/30/76 6. National Board Number for Unit NA
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
	Please see attachment 1 (Page 1 of 1)			

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 3/31/95 to 5/8/96 9. Inspection Interval from 11/21/87 to 11/20/97
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Appendices I, IA, IB
11. Abstract of Conditions Noted See text of Summary Report
12. Abstract of Corrective Measures Recommended and Taken
See Appendix III

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) 26-05000 Expiration Date NA

Date July 12 19 96 Signed Duquesne Light Co. By D. G. Pabst
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 ARWRIGHT MNT, INS. CO. of NORWOOD, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 3/31/95 to 7/22/96, 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.

Robert Amosch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements
Date July 22 19 96

(12/82)

Form NIS-1 Owner's Report For Inservice Inspections
Attachment 1
Page 1 of 1

1. Owner Duquesne Light Co. One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station, P.O. Box 4, Shippingport, PA 15077
3. Plant Unit 1 4. Owner certificate of Authorization (if required) 26-05000
5. Commercial Service Date 9/30/76 6. National Board Number for Unit NA
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	B105642	21011
'A' Steam Gen	Westinghouse	1301	434597	68-45
'B' Steam Gen	Westinghouse	1302	434598	68-46
'A' RC Pump	Westinghouse	1-618J931G01	N/A	N/A
'B' RC Pump	Westinghouse	2-618J931G01	N/A	N/A
Pressurizer	Westinghouse	1311	434676	68-50
RC Piping	Southwest Fabricating	N/A	N/A	N/A
Auxiliary Piping	Schneider Power	N/A	N/A	N/A
Volume Control Tank	Joseph Oat	CH-TK-2	434716	457
Seal Water Heat Exchanger	Atlas Industrial Mfr.	D-2088 (Mod #)	N/A	N/A
Low Head SI Pump	Ingersoll - Rand	0671-141	N/A	N/A
Boron Injection Tank	Struthers Wells	SI-TK-2	434783	1374
'B' Outside Recirc Spray Pump	Bingham Willamette	250596	N/A	N/A
Valve MOV-RC-587	Rockwell	7571 (Mod #)	N/A	N/A
Valve RV-RC-551A	Target Rock	69C (Mod #)	N/A	N/A
Valve ISI-22	Velan	78704 (Mod #)	N/A	N/A

OUTAGE SUMMARY

During the Eleventh Refueling Outage (1R11) at the Beaver Valley Power Station, Unit 1, Inservice Inspection (ISI) examinations were performed on Class 1, 2, and 3 components. This was the second outage in the third period of the second ten year interval. Also included in this report and the counts below, are examinations performed prior to 1R11 during plant operation. The examinations were based on ASME Section XI, 1983 Edition through Summer 1983 Addenda, using Code Case N-408 for Class 2 piping welds. All required examinations for the current interval, with the exception of those listed in Appendix IA, have been completed.

ASME XI Credited Exams (See Appendix I)

1. Two hundred, fifty-five (255) Class 1 exams were performed and are divided as follows:

- a. Reactor Vessel Examinations
 - Circ. welds (UT) - 5
 - Long. welds (PT) - 10
 - Nozzle welds (UT) - 3
 - Nozzle IR section (UT) - 3
 - Supports (VT-3) - 3
 - Interior/Internals (VT-3) - 4
 - Threads in flange (UT) - 58
- b. Welds (other vessels, piping, attachments)
 - Ultrasonic Exams - 47
 - Penetrant Exams - 90
- c. Support Visual Exams - 14
- d. Valve bolting (VT-1) - 16
- e. Valve body (VT-3) - 1
- f. Pump Flange (VT-1) - 1

2. Ninety-seven (97) Class 2 exams were performed and are divided as follows:

- a. Welds (piping, pumps, and vessels)
 - Ultrasonic Exams - 30
 - Penetrant Exams - 20
 - Mag Particle Exams - 36
- b. Supports, visual exams - 11

3. Eighteen (18) visual exams of Class 3 supports were performed and are divided as follows:

- a. Supports, visual exams - 10
- b. Attachments, visual exams - 8

Examinations were performed by Duquesne Light Company and VCR NDE Technicians. Appendix I compiles the examinations that have been credited toward fulfilling the Ten Year Plan requirements. Appendix IA shows remaining examinations that have not been performed for the current interval. These include limited examinations that will require a request for relief and voided examinations that will be performed in 1R12. Appendix IB lists components (previously identified in relief requests) that were not disassembled during the current interval. Therefore the required examinations were not performed. Appendix II lists additional and successive examinations that were required during 1R11.

Reactor Vessel Examination

The BV-1 Reactor Pressure Vessel was examined in 1R11. The examinations were conducted using the Westinghouse Reactor Vessel Inspection Tool in conjunction with the UDRPS-2 Data Recording and Processing System. The results are contained in the BV-1 10 YEAR REACTOR VESSEL INSPECTION REPORT. A summary of the results is included in Appendix IV.

Pressure Testing

The Class 1 piping System Leakage Test was performed prior to plant start-up. Also, Class 2 and 3 system functional and system inservice tests were performed on various systems to fulfill the 40-month pressure testing requirement.

Snubber Examinations

Snubber examinations were performed this outage in accordance with Technical Specification 3/4.7.12. The results of the examinations are contained on site in the 1R11 SNUBBER OUTAGE SUMMARY REPORT.

Deficiency Resolution

All recorded deficiencies were evaluated and reported per administrative procedures. Appendix III identifies the deficiencies found this outage and notes the closing document.

Steam Generator Tube Examination

One hundred percent of the in-service tubes were examined in the three generators. Results of the examinations are contained in Appendix V.

NRC Bulletin 88-09, Flux Thimbles

In accordance with NRC Bulletin No. 88-09, all 50 flux thimble tubes were examined using multi-frequency eddy current techniques. Appendix VI contains the results.

NIS-2 Forms

Included as Appendix VII are the NIS-2 Forms associated with repairs and replacements. Code Case N-416-1, 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 N-416-1 was implemented.

APPENDIX I

COMPLETED CODE EXAMINATIONS

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
** ASME ITEM NUMBER / EXAM CATEGORY: B01.011 B-A			
RC-R-1-C-2	CIRCUMFERENTIAL WELD	UTQ1273	
RC-R-1-C-5	CIRCUMFERENTIAL WELD	UTQ1273	
RC-R-1-C-8	CIRCUMFERENTIAL WELD	UTQ1273	85% COVERAGE, NEED RELIEF
** ASME ITEM NUMBER / EXAM CATEGORY: B01.012 B-A			
RC-R-1-L-3	LONGITUDINAL WELD	UTQ1273	
RC-R-1-L-4	LONGITUDINAL WELD	UTQ1273	
RC-R-1-L-6	LONGITUDINAL WELD	UTQ1273	
RC-R-1-L-7	LONGITUDINAL WELD	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B01.021 B-A			
RC-R-1-C-9	LOWER HEAD CIRCUMFERENTIAL WELD	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B01.022 B-A			
RC-R-1-L-10	LOWER HEAD MERIDIONAL WELD	UTQ1273	
RC-R-1-L-11	LOWER HEAD MERIDIONAL WELD	UTQ1273	
RC-R-1-L-12	LOWER HEAD MERIDIONAL WELD	UTQ1273	
RC-R-1-L-13	LOWER HEAD MERIDIONAL WELD	UTQ1273	
RC-R-1-L-14	LOWER HEAD MERIDIONAL WELD	UTQ1273	
RC-R-1-L-15	LOWER HEAD MERIDIONAL WELD	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B01.030 B-A			
RC-R-1-C-1	SHELL TO FLANGE CIRCUMFERENTIAL WELD	UTQ1273	54% COVERAGE, NEED RELIEF
** ASME ITEM NUMBER / EXAM CATEGORY: B02.012 B-B			
RC-TK-1-L-1	LONGITUDINAL WELD	UT96081	
RC-TK-1-L-3	LONGITUDINAL WELD	UT96082	
** ASME ITEM NUMBER / EXAM CATEGORY: B03.090 B-D			
RC-R-1-N-17	INLET NOZZLE WELD	UTQ1273	
RC-R-1-N-19	INLET NOZZLE WELD	UTQ1273	
RC-R-1-N-21	INLET NOZZLE WELD	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B03.100 B-D			
RC-R-1-N-171R	NOZZLE INSIDE RADIUS	UTQ1273	
RC-R-1-N-191R	NOZZLE INSIDE RADIUS	UTQ1273	
RC-R-1-N-211R	NOZZLE INSIDE RADIUS	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B05.010 B-F			
DLW-LOOP1-7-F-12	SAFE END WELD	UT96001	
		PT96006	
		UTQ1273	
DLW-LOOP2-7-F-24	SAFE END WELD	UT96002	
		PT96005	
		UTQ1273	
DLW-LOOP3-7-F-36	SAFE END WELD	UT96003	
		PT96007	
		UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B05.070 B-F			
DLW-LOOP3-2-F-28	SAFE END WELD	UT96078	
		PT96063	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
DLW-LOOP3-3-F-29	SAFE END WELD	UT96077 PT96065	
** ASME ITEM NUMBER / EXAM CATEGORY: B06.040 B-G-1			
RC-R-1-LIG-01	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-02	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-03	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-04	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-05	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-06	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-07	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-08	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-09	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-10	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-11	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-12	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-13	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-14	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-15	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-16	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-17	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-18	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-19	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-20	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-21	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-22	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-23	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-24	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-25	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-26	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-27	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-28	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-29	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-30	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-31	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-32	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-33	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-34	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-35	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-36	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-37	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-38	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-39	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-40	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-41	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-42	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-43	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-44	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-45	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-46	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-47	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-48	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-49	THREADS IN FLG.	UTQ1273	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
RC-R-1-LIG-50	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-51	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-52	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-53	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-54	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-55	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-56	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-57	THREADS IN FLG.	UTQ1273	
RC-R-1-LIG-58	THREADS IN FLG.	UTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B06.190 B-G-1			
RC-P-1A-LIG	FLANGE SURFACE	VT96087	
** ASME ITEM NUMBER / EXAM CATEGORY: B07.070 B-G-2			
MOV-RC-587-B-1	VALVE BOLTING	VT96066	
MOV-RC-587-B-2	VALVE BOLTING	VT96066	
MOV-RC-587-B-3	VALVE BOLTING	VT96066	
MOV-RC-587-B-4	VALVE BOLTING	VT96066	
1S1-22-B-1	VALVE BOLTING	VT96057	
1S1-22-B-2	VALVE BOLTING	VT96057	
1S1-22-B-3	VALVE BOLTING	VT96057	
1S1-22-B-4	VALVE BOLTING	VT96057	
1S1-22-B-5	VALVE BOLTING	VT96057	
1S1-22-B-6	VALVE BOLTING	VT96057	
1S1-22-B-7	VALVE BOLTING	VT96057	
1S1-22-B-8	VALVE BOLTING	VT96057	
1S1-22-B-9	VALVE BOLTING	VT96057	
1S1-22-B-10	VALVE BOLTING	VT96057	
1S1-22-B-11	VALVE BOLTING	VT96057	
1S1-22-B-12	VALVE BOLTING	VT96057	
** ASME ITEM NUMBER / EXAM CATEGORY: B09.011 B-J			
RC-71-9-S-02	BUTT WELD	UT96079	SUBSTITUTE FOR RC-71-3-S-05
		PT96062	
RC-72-5-S-04	BUTT WELD	UT96080	SUBSTITUTE EXAM RR#BV1-B9.11-2
		PT96064	
RC-72-7-S-01	BUTT WELD	UT96068	
		PT96050	
RC-72-7-S-02	BUTT WELD	UT96067	
		PT96050	
RC-72-7-S-03	BUTT WELD	UT96066	
		PT96050	
RC-72-7-S-04	BUTT WELD	UT96065	
		PT96050	
RC-104-1-F-01	BUTT WELD	UT96049	
		PT96047	
RC-104-2-F-02	BUTT WELD	UT96054	
		PT96047	
RC-104-2-S-01	BUTT WELD	UT96053	
		PT96047	
RC-104-2-S-02	BUTT WELD	UT96052	
		PT96047	
RC-104-2-S-03	BUTT WELD	UT96051	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
RC-97-1-F-01	BUTT WELD	PT96047 UT96061 PT96051	
RC-99-1-S-07	BUTT WELD	UT96063 PT96051	
RC-99-1-S-06	BUTT WELD	UT96064 PT96051	
DLW-LOOP1-9-S-01	BUTT WELD	UT96027 PT96030	
DLW-LOOP3-9-S-01	BUTT WELD	UT96028 PT96030	
DLW-LOOP2-5-S-01	BUTT WELD	UT96056 PT96021	
DLW-LOOP2-7-S-01	BUTT WELD	UT96024 PT96029	
DLW-LOOP3-2-F-27	BUTT WELD	UT96012 PT96016 UT96023	
DLW-LOOP3-7-S-01	BUTT WELD	UT96011 PT96014	
DLW-LOOP3-7-S-02	BUTT WELD	UT96004 UT96005 UT96006 PT96008	UT INDICATION. DR 96-0008. FLAW, EVAL ACC-AS-IS.
RH-1-2-F-02	BUTT WELD	UT96037 PT96040	
RH-1-2-S-03	BUTT WELD	UT96057 PT96052	
RH-1-2-S-02	BUTT WELD	UT96058 PT96052	
RH-23-1-F-11	BUTT WELD	UT96029 PT96043	SUBSTITUTE EXAM RR#BV1-B9.11-2.
SI-121-2-S-02	BUTT WELD	UT96020 PT96027 PT96031	SUBSTITUTE EXAM RR#BV1-B9.11-2. PT UNSAT DR96-0012. CLEARED PT96-031.
SI-101-4-S-01	BUTT WELD	UT96055 PT96048	
SI-20-9-S-01	BUTT WELD	UT96059 PT96056	
SI-20-10-S-02	BUTT WELD	UT96018 PT96018	
SI-30-2-S-04	BUTT WELD	UT96072 PT96058	
SI-30-3-F-04	BUTT WELD	UT96073 PT96058	
SI-30-3-S-01	BUTT WELD	UT96036 PT96039	
SI-30-4-S-02	BUTT WELD	UT96019 PT96020	
SI-74-3-S-01	BUTT WELD	UT96031 PT96036	
SI-74-4-F-05	BUTT WELD	UT96032 PT96036	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
SI-74-4-S-03	BUTT WELD	UT96033 PT96036	
SI-73-4-S-01	BUTT WELD	UT96030	
** ASME ITEM NUMBER / EXAM CATEGORY: B09.012 B-J			
DLW-LOOP3-4-L-01	LONGITUDINAL ELBOW WELD	PT96013	
DLW-LOOP3-4-L-02	LONGITUDINAL ELBOW WELD	PT96013	
DLW-LOOP3-5-L-03	LONGITUDINAL ELBOW WELD	PT96013	
DLW-LOOP3-5-L-04	LONGITUDINAL ELBOW WELD	PT96013	
** ASME ITEM NUMBER / EXAM CATEGORY: B09.021 B-J			
CH-126-5-S-03	BUTT WELD	PT96035	
RC-107-1-S-04	BUTT WELD	PT96049	
RC-107-1-S-05	BUTT WELD	PT96049	
RC-107-1-F-02	BUTT WELD	PT96049	
RC-104-2-S-08	BUTT WELD	PT96049	
RC-104-2-S-09	BUTT WELD	PT96049	
RC-104-2-S-10	BUTT WELD	PT96049	
** ASME ITEM NUMBER / EXAM CATEGORY: B09.031 B-J			
DLW-LOOP1-7-S-04	BRANCH CONNECTION WELD	UT96009 PT96009	LIMITED EXAM NEED RELIEF
DLW-LOOP1-7-S-05	BRANCH CONNECTION WELD	UT96010 PT96009	LIMITED EXAM NEED RELIEF
DLW-LOOP2-1-S-03	BRANCH CONNECTION WELD	UT96016	LIMITED EXAM NEED RELIEF
DLW-LOOP2-7-S-05	BRANCH CONNECTION WELD	UT96017 PT96022	LIMITED EXAM NEED RELIEF
DLW-LOOP3-1-S-02	BRANCH CONNECTION WELD	UT96013 PT96011	LIMITED EXAM NEED RELIEF
DLW-LOOP3-1-S-04	BRANCH CONNECTION WELD	UT96014 PT96011	LIMITED EXAM NEED RELIEF
DLW-LOOP3-7-S-06	BRANCH CONNECTION WELD	UT96015 PT96015	LIMITED EXAM NEED RELIEF
** ASME ITEM NUMBER / EXAM CATEGORY: B09.032 B-J			
RC-72-1-S-06	BRANCH CONNECTION WELD	PT96033	
RC-72-5-S-09	BRANCH CONNECTION WELD	PT96064	
DLW-LOOP2-6-S-02	BRANCH CONNECTION WELD	PT96023	
DLW-LOOP3-5-S-03	BRANCH CONNECTION WELD	PT96012	
** ASME ITEM NUMBER / EXAM CATEGORY: B09.040 B-J			
CH-98-1AA-F-1B	SOCKET WELD	PT96037	
CH-98-1AA-F-1G	SOCKET WELD	PT96037	
CH-98-1F-F-1H	SOCKET WELD	PT96037	
CH-98-1G-S-02	SOCKET WELD	PT96037	
CH-98-1G-S-01	SOCKET WELD	PT96037	
CH-98-1G-F-1C	SOCKET WELD	PT96037	
CH-98-1B-F-1D	SOCKET WELD	PT96037 PT96053	PT UNSAT. DR 96-0015. CLEARED PT96-53.
CH-98-1B-F-02	SOCKET WELD	PT96037	
CH-98-1A-S-02	SOCKET WELD	PT96037	
CH-98-2-S-01	SOCKET WELD	PT96067	
CH-98-2-S-02	SOCKET WELD	PT96067	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
CH-98-2-F-04	SOCKET WELD	PT96067	
CH-98-3-S-07	SOCKET WELD	PT96067	
CH-96-2-S-03	SOCKET WELD	PT96060	
CH-96-3-S-06	SOCKET WELD	PT96060	
DG-50-3-S-03	SOCKET WELD	PT96055	
DG-47-1-F-01	SOCKET WELD	PT96019	
DG-47-1-S-05	SOCKET WELD	PT96019	
RC-61-1A-S-04	SOCKET WELD	PT96019	
RC-61-1A-S-05	SOCKET WELD	PT96019	
RC-61-1A-S-07	SOCKET WELD	PT96019	
RC-61-1A-S-08	SOCKET WELD	PT96019	
RC-61-1C-F-1C	SOCKET WELD	PT96019	
RC-61-1C-F-02	SOCKET WELD	PT96019	
SI-121-3B-F-4B	SOCKET WELD	PT96026	
** ASME ITEM NUMBER / EXAM CATEGORY: B10.010 B-K-1			
RH-1-2-A-03 TO 04	WELDED ATTACHMENT SUPPORT SH-39	PT96041	
SI-111-4-A-03	WELDED ATTACHMENT SUPPORT A-15	PT96024	
SI-20-7-A-01 TO 02	WELDED ATTACHMENT SUPPORT R-74	PT96057	
SI-30-3-A-01 TO 04	WELDED ATTACHMENT SUPPORT R49	PT96058	
ASME ITEM NUMBER / EXAM CATEGORY: B10.020 B-K-1			
-P-1B-WS-1	WELDED SUPPORT	PT96069	
RC-P-1B-WS-2	WELDED SUPPORT	PT96069	
RC-P-1B-WS-3	WELDED SUPPORT	PT96069	
** ASME ITEM NUMBER / EXAM CATEGORY: B12.050 B-M-2			
RV-RC-551A	VALVE BODY	VT96115	INTERNAL EXAM.
** ASME ITEM NUMBER / EXAM CATEGORY: B13.010 B-N-1			
RC-R-1-ACC-INT	INTERIOR	VTQ1273	
RC-R-1-UPPER-INT	CORE SUPPORT STRUCTURE	VTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B13.060 B-N-2			
RC-R-1-INT-ATT	BEYOND BELTLINE REGION	VTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: B13.070 B-N-3			
RC-R-1-LOWER-INT	CORE SUPPORT STRUCTURE	VTQ1273	
** ASME ITEM NUMBER / EXAM CATEGORY: C01.010 C-A			
CH-E-1-C-2	CIRCUMFERENTIAL BUTT WELD	PT96075	
RC-E-1B-C-5	CIRCUMFERENTIAL BUTT WELD	UT96074	
RC-E-1B-C-6	CIRCUMFERENTIAL BUTT WELD	UT96075	
** ASME ITEM NUMBER / EXAM CATEGORY: C01.020 C-A			
CH-TK-2-C-1	CIRCUMFERENTIAL BUTT WELD	UT96008	79% COVERAGE, NEED RELIEF
CH-TK-2-C-2	CIRCUMFERENTIAL BUTT WELD	UT96007	
CH-E-1-C-1	CIRCUMFERENTIAL BUTT WELD	PT96075	
SI-TK-2-C-2	CIRCUMFERENTIAL BUTT WELD	UT96083	
ASME ITEM NUMBER / EXAM CATEGORY: C02.021 C-B			
SI-TK-2-N-3	NOZZLE-TO-VESSEL WELD	UT96084	
		MT96016	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
SI-TK-2-N-4	NOZZLE-TO-VESSEL WELD	UT96085 MT96016	
** ASME ITEM NUMBER / EXAM CATEGORY: C02.022 C-B			
RC-E-1A-N-9IR	NOZZLE INSIDE RADIUS	UT96076	
** ASME ITEM NUMBER / EXAM CATEGORY: C03.020 C-C			
SHP-56-10-S-14	OUTER SADDLE WELD	MT96018	
SHP-56-10-S-10	REINF PAD TO MAIN HEADER WELD	MT96018	
SHP-56-10-S-08	REINF PAD TO MAIN HEADER WELD	MT96018	
SHP-56-10-S-11	REINF PAD TO MAIN HEADER WELD	MT96018	
SHP-56-10-S-12	REINF PAD TO MAIN HEADER WELD	MT96018	
SHP-57-5-S-10	REINF PAD TO MAIN HEADER WELD	MT96022	
SHP-57-5-S-09	REINF PAD TO MAIN HEADER WELD	MT96022	
SHP-57-5-S-11	REINF PAD TO MAIN HEADER WELD	MT96022	
SHP-57-5-S-12	REINF PAD TO MAIN HEADER WELD	MT96022	
SHP-58-5-S-14	OUTER SADDLE WELD	MT96017	
SHP-58-5-S-10	REINF PAD TO MAIN HEADER WELD	MT96017	
SHP-58-5-S-09	REINF PAD TO MAIN HEADER WELD	MT96017	
SHP-58-5-S-08	REINF PAD TO MAIN HEADER WELD	MT96017	
SHP-58-5-S-11	REINF PAD TO MAIN HEADER WELD	MT96017	
SHP-58-5-S-12	REINF PAD TO MAIN HEADER WELD	MT96017	
-1B-1-A-02 TO 05	WELDED ATTACHMENT SUPPORT R-33	PT96034	
RH-12-3-A-01 TO 04	WELDED ATTACHMENT SUPPORT R-5	PT96032	
** ASME ITEM NUMBER / EXAM CATEGORY: C03.030 C-C			
RS-P-2A-A-9	WELDED ATTACHMENT	PT95194	
RS-P-1A-A-14	WELDED ATTACHMENT	PT96054	
RS-P-1A-A-16	WELDED ATTACHMENT	PT96054	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.011 C-F-1			
QS-1-1-F-02	PIPE WELD	UT95234 PT95195	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.012 C-F-1			
QS-2-1-L-109	LONGITUDINAL WELD	UT95235 PT95196	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.021 C-F-1			
SI-81-11-S-01	PIPE WELD	UT96034 PT96045	
SI-140-3-S-03	PIPE WELD	UT96035 PT96045	
CH-80-2-S-02	PIPE WELD	UT96091 PT96071	
CH-72-1-S-04	PIPE WELD	UT96092 PT96072	
SI-75-2-S-02	PIPE WELD	UT96093 PT96073	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.030 C-F-1			
SI-83-4-S-03	SOCKET WELD	PT96059 PT96066	PT UNSAT, DR-96-0017. CLEARED PT96-66.

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
CH-93-2-S-04	SOCKET WELD	PT96044	
CH-93-2-S-01	SOCKET WELD	PT96044	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.041 C-F-1			
CH-81-1-F-2A	BRANCH CONN. WELD	PT96072	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.051 C-F-2			
WFPD-22-8A-F-09	PIPE WELD	UT96041 MT96011	
WFPD-22-8C-F-98	PIPE WELD	UT96040 MT96011	
SHP-57-4-F-07	PIPE WELD	UT96069 MT96013	
SHP-56-10-F-12	PIPE WELD	UT96086 MT96018	
SHP-58-5-F-10	PIPE WELD	UT96089 MT96017	
WFPD-24-81-S-01	PIPE WELD	UT96043 MT96010	
WFPD-24-81-F-11R1-C	PIPE WELD	UT96045 MT96010	
WFPD-24-81-F-1B-C	PIPE WELD	UT96044 MT96010	
WFPD-23-82-F-10-C	PIPE WELD	UT96047 MT96009	
WFPD-23-82-S-02	PIPE WELD	UT96046 MT96009	
WFPD-23-82-F-1A-C	PIPE WELD	UT96048 MT96009	
WFPD-22-83-F-9DAR1-C	PIPE WELD	UT96038 MT96011	
WFPD-22-83-S-03	PIPE WELD	UT96042 MT96011	
WFPD-22-83-F-1B-C	PIPE WELD	UT96039 MT96011	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.052 C-F-2			
SHP-57-1-L-01	LONGITUDINAL WELD ALONG ELBOW	UT96070 MT96014	
SHP-57-1-L-02	LONGITUDINAL WELD ALONG ELBOW	UT96071 MT96014	
** ASME ITEM NUMBER / EXAM CATEGORY: C05.081 C-F-2			
SHP-56-10-S-13	INNER SADDLE / BRANCH CONN. WELD	MT96018	
SHP-57-5-S-15	UPPER SADDLE (INNER) BRANCH CONN. WELD	MT96025	
SHP-24-1-F-01	UPP TO REIN PAD TO LONG FLG BRANCH WELD	MT96017	
** ASME ITEM NUMBER / EXAM CATEGORY: C06.010 C-G			
-P-1B-2	PUMP CASING WELD	PT95193	
-P-1B-4	PUMP CASING WELD	PT95197	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
** ASME ITEM NUMBER / EXAM CATEGORY: D01.020 D-A			
CH-FL-1-A-01	WELDED ATTACHMENT SUPPORT WS-1	VT96088	
CH-FL-1-A-02	SUPPORT	VT96088	
CH-FL-1-A-03	SUPPORT	VT96088	
** ASME ITEM NUMBER / EXAM CATEGORY: D02.020 D-B			
CC-130-4-A-20 TO 23	WELDED ATTACHMENT SUPPORT R-40C-2	VT96067	
CC-130-6-A-16 TO 19	WELDED ATTACHMENT SUPPORT R-5C-4	VT96067	
CC-130-8-A-12 TO 15	WELDED ATTACHMENT SUPPORT R-12C-4	VT96067	
CC-175-6-A-02 TO 05	WELDED ATTACHMENT SUPPORT R-278	VT96071	
CC-177-5-A-02 TO 04	WELDED ATTACHMENT SUPPORT R-12D(1)	VT96069	
CC-177-7-A-05 TO 08	WELDED ATTACHMENT SUPPORT A-2D(1)	VT96069	
CC-177-10-A-09	WELDED ATTACHMENT SUPPORT A-299	VT96069	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.10A F-A			
DG-50-A-PS-3	SUPPORT	VT96097	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.10R F-A			
CH-98-R-PS-13	SUPPORT	VT96070	
CH-98-R-PS-10	SUPPORT	VT96070	
CH-98-R-PS-3	SUPPORT	VT96070	
CH-23-PS-2	SUPPORT	VT96101	
DG-50-R-PS-26	SUPPORT	VT96092	
DG-50-PS-20	SUPPORT	VT96097	
DG-50-R-PS-14	SUPPORT	VT96097	
DG-50-R-PS-8	SUPPORT	VT96097	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.10S F-A			
CH-23-PS-5	SUPPORT	VT96073	SETTING-> DR QSIE-96-0013, ACC-AS-IS
** ASME ITEM NUMBER / EXAM CATEGORY: F01.10V F-A			
CH-98-VS-PS-8	SUPPORT	VT96070	
DG-50-VS-PS-9	SUPPORT	VT96097	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.20R F-A			
WFPD-24-R-11	SUPPORT	VT96096	
SI-75-R-67	SUPPORT	VT96117	
SI-75-R-68	SUPPORT	VT96083	
CH-124-PS-3	SUPPORT	VT96082	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.20S F-A			
WFPD-24-SH-12	SUPPORT	VT96102	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.30K F-A			
CC-130-R-7C-4	SUPPORT	VT96067	
CC-130-R-12C-4	SUPPORT	VT96067	
CC-259-R-11C-3	SUPPORT	VT96068	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.30V F-A			
CC-265-VS-8C-3	SUPPORT	VT96068	
** ASME ITEM NUMBER / EXAM CATEGORY: F01.40E F-A			
RC-R-1-S1	LOOP 1 INLET NOZZLE SADDLE	VT96041	

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
RC-R-1-S3	LOOP 2 INLET NOZZLE SADDLE	VT96041	
RC-R-1-S5	LOOP 3 INLET NOZZLE SADDLE	VT96041	
RC-E-1A-SUPP	LOWER INTERMEDIATE SUPP. STRUCT.	VT96047	
RC-P-1A-SUPP	INTERMEDIATE SUPPORT	VT96046	
CH-TK-2-WS-1	SUPPORT #1	VT96048	
CH-TK-2-WS-2	SUPPORT #2	VT96048	
CH-TK-2-WS-3	SUPPORT #3	VT96048	
CH-TK-2-WS-4	SUPPORT #4	VT96048	
RC-E-1A-SUP-1	UPPER INTERMEDIATE SUPP. STRUCT	VT96045	
RC-E-1A-SUP-2	LOWER SUPPORT	VT96045	
CH-FL-1-WS-1	SUPPORT	VT96088	
CH-FL-1-WS-2	SUPPORT	VT96088	VT UNSAT. DR96-0016 BOLTING. CLR REP Q962020 Q962020.
CH-FL-1-WS-3	SUPPORT	VT96088	VT UNSAT. DR96-0016 BOLTING. CLR REP Q962020 Q962020.
WR-P-6A-MS-1	SUPPORT	VT95461	

APPENDIX I-A

INCOMPLETE/LIMITED
CODE EXAMINATIONS

APPENDIX IA - Incomplete / Limited Examinations

This appendix identifies the only exams that have not been completed or do not have an approved relief request for the current Ten-Year interval.

Component name	Component description	Item #	Limitation / Problem	Completed Exam Coverage	Status
RC-R-1-C-1	Reactor vessel shell to flange weld	B1.30	Limited UT exam due to flange taper, stud holes and vessel ID step	54%	Relief Request to be submitted
RC-R-1-C-8	Reactor vessel shell to lower head weld	B1.11	Limited UT exam due to four radial support keyways	85%	Relief Request to be submitted
RC-TK-1-RADIUS-6	Pressurizer surge inner radius	B3.120	Radiation exposure to gain access	0%	Relief Request to be submitted
DLW-LOOP1-7-S-04	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP1-7-S-05	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP2-1-S-03	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP2-7-S-05	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP3-1-S-02	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP3-1-S-04	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
DLW-LOOP3-7-S-06	Branch connection weld	B9.31	Limited UT exam due to configuration	25% of total (100% in 1 dir)	Relief Request to be submitted
CH-TK-2-C-1	Volume Control Tank circ weld	C1.20	Limited UT exam due to welded support legs	79%	Relief Request to be submitted
RC-72-7-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*
RC-104-1-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*
RC-97-1-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*
RC-98-1-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*
RC-99-1-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*
DLW-PRESS-2-E-01	Pressurizer Nozzle to safe-end weld	B5.40	Voided exam due to calibration block non-compliance	N/A	Re-examine in 1R12, using 12-month allowable period extension*

* The noted 12-month extension may or may not be necessary, depending on the actual start date of 1R12.

APPENDIX I-B

DISASSEMBLY REQUIRED
EXAMINATIONS

APPENDIX IB - Disassembly Required

The items listed below have approved relief requests allowing relief from disassembling the component strictly to perform the noted examination. Had the component been disassembled for maintenance purposes the examination would have been performed. For the current Ten-Year interval, these components were not disassembled.

Component name	Exam description	Item #	Relief Request #	Status
RC-P-1A, -1B, -1C	Pump casing weld - UT Internal surfaces - VT-3	B12.10 B12.20	BV1-B12.10-1, Rev. 1	No reactor coolant pump was disassembled during the current interval.
MOV-RH-720A, -B	Valve body internal surfaces - VT-3	B12.50	BV1-B12.50-1, Rev. 0	Neither of these valves was disassembled during the current interval.
RS-P-1A(1B)-C-5 thru C-10 RS-P-2A(2B)-C-10 thru C-27 SI-P-1A(1B)-CI thru C-20	Pump casing welds - PT	C6.10	BV1-C6.10-1, Rev. 0	None of these pumps have been disassembled to allow for the required examinations.

APPENDIX II

ADDITIONAL OR SUCCESSIVE
EXAMINATIONS

BVPS-1 1R11 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
** ASME ITEM NUMBER / EXAM CATEGORY: B09.011 B-J			
DLW-LOOP1-4-F-06	BUTT WELD	UT96026	ADDITIONAL EXAM PER DLW-LOOP3-7-S-02.
DLW-LOOP1-4-S-01	BUTT WELD	UT96022	ADDITIONAL EXAM PER DLW-LOOP3-7-S-02.
DLW-LOOP1-7-S-02	BUTT WELD	UT96097	ADDITIONAL EXAM PER DLW-LOOP3-7-S-02.
DLW-LOOP2-5-F-19	BUTT WELD	UT96025	ADDITIONAL EXAM PER DLW-LOOP3-7-S-02.
DLW-LOOP2-7-S-02	BUTT WELD	UT96098	ADDITIONAL EXAM PER DLW-LOOP3-7-S-02.
** ASME ITEM NUMBER / EXAM CATEGORY: F01.10S F-A			
DG-49-PS-1	SUPPORT	VT96049	SUCCESSIVE EXAM
RC-97-SH-50	SUPPORT	VT96074	SUCCESSIVE EXAM
RC-98-SH-51	SUPPORT	VT96074	SUCCESSIVE EXAM, SETTING ->DR QSIE96-0014. ACC-AS-IS
RC-99-SH-52	SUPPORT	VT96074	SUCCESSIVE EXAM
** ASME ITEM NUMBER / EXAM CATEGORY: F01.20D F-A			
RH-12-DS-5	SUPPORT	VT96080	SUCCESSIVE EXAM
** ASME ITEM NUMBER / EXAM CATEGORY: F01.20S F-A			
SHP-56-SH-5	SUPPORT	VT96093	SUCCESSIVE EXAM
CH-149-SH-PS-1	SUPPORT	VT96111	SUCCESSIVE EXAM

APPENDIX VI

IR11 FLUX THIMBLE EDDY CURRENT EXAMINATIONS

In accordance with NRC Bulletin No. 88-09: "Thimble Tube Thinning in Westinghouse Reactors", all 50 flux thimble tubes were examined to the maximum extent (length) possible employing a .188" diameter bobbin probe and multi-frequency eddy current techniques utilizing frequencies selected by NED/ISI.

The eddy current method utilized during this examination to report the depth (percent through wall - %TW) of wear (thinning) indications assumes the indications have a circumferential extent of approximately 90 degrees. An outside diameter mix (300/140 kHz) was established to reduce the influence from surrounding conductive structures. All indications were reported using this mix or the prime frequency channel based on analyst discretion.

All eddy current data received a independent second party review to assure all indications of wear were properly addressed and identified.

The table below summarizes the results of the examination:

DEFECT (% TW)	NO. OF TUBES
> 70% TW	4
60% - 69% TW	4
50% - 59% TW	8
40% - 49% TW	8
30% - 39% TW	9
20% - 29% TW	10
< 20% TW	1
NDD	4
Restricted	2

NDD - No Detectable Degradation

APPENDIX VI

FLUX THIMBLE

EDDY CURRENT EXAMINATIONS

APPENDIX V

1R11 STEAM GENERATOR EDDY CURRENT EXAMINATIONS

The Zetec Plus Point probe was used on 100% of the hot leg WEXTEx region in each steam generator. The following table summarizes the results of the examination:

	RC-E-1A	RC-E-1B	RC-E-1C
NO. OF TUBES EXAMINED	2739	2993	3136
TUBES WITH INDICATIONS	79 *	103	50

* - One tube had a support plate indication > 2.00 volts confirmed by RPC

100% of the Babcock & Wilcox Nuclear Technologies roll plugs were examined using a RPC probe. Plugs with indications were replaced with Inconel 690 material. The following table summarizes the results of the examination:

	RC-E-1A	RC-E-1B	RC-E-1C
NO. OF PLUGS EXAMINED	229	107	71
PLUGS WITH INDICATIONS	0	0	1

242 tubes were plugged during this outage. The following table summarizes the results of the tube plugging:

	RC-E-1A	RC-E-1B	RC-E-1C
> 2.00 VOLTS (G. L. 95-05)	0	1	0
TOP-OF-TUBESHEET DISTORTED SIGNALS	78	103	50
TOP-OF-TUBESHEET & > 2.00 VOLTS	1	0	0
ROW 1 U-BEND	2	2	0
AVB WEAR	0	4	0
C/L THINNING	1	0	0
TOTAL PLUGGED	82	110	50

In addition, several other activities took place:

- A) In accordance with the requirements of G. L. 95-05, 100% of dents > 5.00 volts (22) and support plate residual signals (77) that could possibly mask a 1.00 volt indication were examined with MRPC. No indications were observed.
- B) Fifty Westinghouse Plug-in-Plug (PIP) retainers and twelve Babcock & Wilcox Plug-a-Plug (PAP) retainers were removed. All plugs were removed as well. This eliminated all Westinghouse Inconel 600 material plugs at Unit #1.
- C) A loose parts screening of the eddy current data was performed on an area three rows deep around the periphery in each generator. No loose part signals were observed.
- D) A sludge pile profile was performed on 100% of the secondary side tubesheet for each generator. Sludge lancing was performed in RC-E-1A (36 lbs removed), RC-E-1B (36 lbs) & RC-E-1C (52 lbs).
- E) 84 intersections on the cold leg side of RC-E-1A steam generator (1st & 2nd supports) were examined using MRPC. Those intersections were hydraulically expanded in the 5th refueling outage as a remedial measure to control cold leg thinning. No indications were observed.

APPENDIX V

1R11 STEAM GENERATOR EDDY CURRENT EXAMINATIONS

One hundred percent (100%) of the inservice tubes in each steam generator (RC-E-1A, -1B, -1C) were examined full length (tube end to tube end) by multi-frequency eddy current techniques using frequencies selected by NED/ISI.

Westinghouse Electric Corporation personnel were utilized as the primary data acquisitioners and analysts. An independent second party review of all data was performed by Framatome Technologies, Inc. Both analyses were performed manually.

All examinations/analysis were performed in compliance with the Beaver Valley Power Station Unit 1 Technical Specifications, NRC Regulatory Guide 1.83, the EPRI "Steam Generator Tube Examination Guidelines" (Rev. 3), ISIE1-7 (Rev. 3), "Unit #1 Steam Generator Analysis Guidelines" and Generic Letter 95-05, ". All analysts were required to pass a site specific performance demonstration prior to analyzing any eddy current data from the current outage.

In accordance with Generic Letter 95-05, "Voltage Based Repair Criteria for Westinghouse Steam Generator Tubes Affected by Outside Diameter Stress Corrosion Cracking", standard magnetic-biased .720" diameter bobbin coil probes were used on all tube sections where the G. L. 95-05 requirements were to be applied. Smaller size bobbin probes (.700"; .680") were utilized in some of the lower rows (Rows 3 - 7) to allow the probe to traverse the U-bends. Bobbin coil data acquisition speed was 24 inches per second. The following table summarizes the results of the examination:

NOTE: In the following tables, the totals listed for the number of tubes examined include all tubes that were returned to service during the eleventh refueling outage. The totals listed for number of tubes plugged and the number of indications are from those tubes that were in-service during the eleventh fuel cycle only.

	RC-E-1A	RC-E-1B	RC-E-1C
NO. OF TUBES EXAMINED	2739	2993	3136
NO. OF TUBES PLUGGED	82	110	50
NO. OF TUBES RETURNED TO SERVICE	86	88	170

The Zetec Motorized Rotating Pancake Coil (MRPC) probe was used to acquire data from the U-bend region of all inservice tubes in Rows 1 and 2. The following table summarizes the results of the examination:

	RC-E-1A	RC-E-1B	RC-E-1C
NO. OF U-BENDS EXAMINED	122	119	169
NO. OF U-BENDS WITH INDICATIONS	2	2	0

100% of the Distorted Support Plate Signals (DSI's) greater than the G. L. 95-05 limit of 2.00 volts were examined using the Zetec 3-coil MRPC probe. The following table summarizes the results of the examination:

	RC-E-1A	RC-E-1B	RC-E-1C
NO. OF DSI's	850	698	389
NO. DSI's > 2.00 VOLT	2	1	0
DSI's > 2.00 VOLTS CONFIRMED BY RPC	1 *	1	0

* - This tube also had a top-of-tubesheet indication.

APPENDIX V

STEAM GENERATOR

EDDY CURRENT EXAMINATIONS

APPENDIX IV (cont'd)

153800	RC-R-1-N-18	Outlet nozzle to shell weld	90%	9 Recordable Indications, Acceptable per IWB-3512-1, Limitation due to nozzle protrusion geometry
253100	DLW-LOOP1-1-F01	Outlet nozzle to elbow weld	100%	No Indications
153900	RC-R-1-N-18IR	Outlet nozzle inner radius	100%	No Indications
154000	RC-R-1-N-19	Inlet nozzle to shell weld	90%	2 Recordable Indications, Acceptable per IWB-3512-1, Limitation due to nozzle radius geometry
261800	DLW-LOOP2-7-F-24	Inlet nozzle to elbow weld	100%	No Indications
154100	RC-R-1-N-19IR	Inlet nozzle inner radius	100%	No indications
154200	RC-R-1-N-20	Outlet nozzle to shell weld	90%	5 Recordable indications, acceptable per IWB-3512-1, Limitation due to nozzle protrusion geometry
259000	DLW-LOOP2-1-F-13	Outlet nozzle to elbow weld	100%	No indications
154300	RC-R-1-N-20IR	Outlet nozzle inner radius	100%	No indications
154400	RC-R-1-N-21	Inlet nozzle to shell weld	90%	No recordable indications, limitation due to nozzle radius geometry
267900	DLW-LOOP3-7-F-36	Inlet nozzle to elbow weld	100%	No indications
154500	RC-R-1-N-21IR	Inlet nozzle inner radius	100%	No indications
154600	RC-R-1-N-22	Outlet nozzle to shell weld	90%	11 recordable indications, acceptable per IWB-3512-1, limitation due to nozzle protrusion geometry
264900	DLW-LOOP3-1-F25	Outlet nozzle to elbow weld	100%	No indications
154700	RC-R-1-N-22IR	Outlet nozzle inner radius	100%	No indications
154800 through 160500	RC-R-1- LIGAMENTS 1 THROUGH 58	RPV flange ligaments	100%	No indications

APPENDIX IV

BV-1 1R11 Reactor Vessel Examination Summary

Summary Number	Identification	Description	Percentage Examined	Results/Limitations
151100	RC-R-1-C-1	Flange to upper circumferential shell weld (from vessel shell)	54%	No Recordable Indications-Limitation due to flange taper, stud holes and vessel ID step
151200	RC-R-1-C-2	Upper to intermediate circumferential shell weld	100%	4 Recordable Indications, Acceptable per IWB-3510-1
160600	RC-R-1-L-3	Intermediate longitudinal shell weld	100%	No Recordable Indications
160700	RC-R-1-L-4	Intermediate longitudinal shell weld	100%	No Recordable Indications
151300	RC-R-1-C-5	Intermediate to lower circumferential shell weld	100%	3 Recordable Indications, Acceptable per IWB-3510-1
160800	RC-R-1-L-6	Lower shell long seam weld	100%	2 Recordable Indications, Acceptable per IWB-3510-1
160900	RC-R-1-L-7	Lower shell long seam weld	100%	No Recordable Indications
151400	RC-R-1-C-8	Lower shell to head circumferential weld	85%	No Recordable Indications- Limitation due to four (4) radial support keyways at 0°, 90°, 180° & 270°
151500	RC-R-1-C-9	Bottom head circumferential weld	83%	5 Recordable Indications, Acceptable per IWB-3510-1, Limitation due to instrumentation penetrations.
161000	RC-R-1-L-10	Lower head meridonal weld	68%	No Indications- Limitation due to instrumentation penetrations
161100	RC-R-1-L-11	Lower head meridonal weld	30%	No Indications- Limitation due to instrumentation penetrations
161200	RC-R-1-L-12	Lower head meridonal weld	28%	No Indications- Limitation due to instrumentation penetrations
161300	RC-R-1-L-13	Lower head meridonal weld	82%	No Indications- Limitation due to instrumentation penetrations
161400	RC-R-1-L-14	Lower head meridonal weld	49%	No Recordable Indications- Limitation due to instrumentation penetrations
161500	RC-R-1-L-15	Lower head meridonal weld	57%	No Indications- Limitation due to instrumentation penetrations
161600	RC-R-1-C-16	Lower head circumferential weld	0%	Weld totally enclosed within instrument penetrations
153600	RC-R-1-N-17	Inlet nozzle to shell weld	90%	1 Recordable Indication, acceptable per IWB-3512-1, Limitation due to nozzle radius geometry
256300	DLW-LOOP1-7-F-12	Inlet nozzle to elbow weld	100%	No Indications
153700	RC-R-1-N-17IR	Inlet nozzle inner radius	100%	No Indications

APPENDIX IV

REACTOR VESSEL EXAMINATION SUMMARY

1R11 DEFICIENCY REPORT

COMPONENT -----	REJECTING REPORT -----	DR NUMBER -----	DESCRIPTION -----	MWR NUMBER -----	CLOSING DOCUMENT -----
DLW-LOOP3-7-S-02	E-96-1	96-0000	UT INDICATION	N/A	EVALDR96-8
SI-121-2-S-02	PT96-27	96-0014	PT INDICATION	051518	PT96-31
CH-23-PS-5	VT96-73	96-0013	SPRING SETTING	N/A	ACC-AS-IS
RC-98-SH-51	VT96-74	96-0014	SPRING SETTING	N/A	ACC-AS-IS
CH-98-1B-F-10	PT96-37	96-0015	PT INDICATION	051727	PT96-53
CH-FL-1-WS-2, -WS3	VT96-88	96-0016	BOLTING	051756	Q962020
SI-83-4-S-03	PT96-59	96-0017	PT INDICATION	052003	PT96-66
CH-98-5A-F-10	PT96-61	96-0018	PT INDICATION	052052	PT96-68
CH-98-5A-S-01	PT96-61	96-0019	PT INDICATION	052052	PT96-68

APPENDIX III

DEFICIENCY REPORT SUMMARY

APPENDIX VII

REPAIR/REPLACEMENT ABSTRACT AND NIS-2 FORMS

REPAIR/REPLACEMENT ABSTRACT

1 of 5

<i>File No.</i>	<i>Mark No.</i>	<i>Work Order No.</i>	<i>Activity</i>
501	RS-E-1A	DCP-1945	Modification
"	RS-E-1B	"	"
"	RS-E-1C	"	"
"	RS-E-1D	"	"
612	REJ-RW-6B	MWR 029109	Replacement
614	REJ-RW-7B	MWR 029111	Replacement
615	REJ-RW-7D	MWR 029112	Replacement
622	REJ-RW-18A	MWR 029119	Replacement
623	REJ-RW-18B	MWR 029120	Replacement
624	REJ-RW-18C	MWR 029121	Replacement
627	REJ-RW-26R1	MWR 029125	Replacement
631	REJ-RW-24A	MWR 029127	Replacement
633	REJ-RW-4A2	MWR 029129	Replacement
634	REJ-CC-16B	MWR 029176	Replacement
638	MOV-CC-112B2	MWR 020747	Repaired
722	REJ-RW-4B2	MWR 036901	Replacement
725	REJ-RW-7A	MWR 037012	Replacement
728	REJ-RW-24B	MWR 037016	Replacement
729	REJ-RW-25B	MWR 037017	Replacement
746	RW-184	MWR 038014	Repaired
768	RV-CH-203	MWR 039236	Replacement
779	RC-9	MWR 039882	Replacement
780	DV-6	MWR 039883	Replacement
811	SHPD-1	MWR 041829	Repaired
813	CH-E-7A	MWR 037466	Replacement
815	RC-E-1C	MWR 042027	Repaired
816	CH-E-7B	MWR 041984	Replacement
818	CH-E-7A	MWR 042130	Repaired
819	CH-E-7B	MWR 042131	Repaired
820	CH-E-7C	MWR 042132	Repaired
821	CH-E-7C	MWR 042509	Replacement
822	RC-E-1B	MWR 042040	Repaired
823	RC-E-1C	MWR 042190	Repaired
829	MOV-SI-869B	MWR 042485	Replacement
830	RC-E-1B	MWR 044101	Repaired
832	REJ-CC-16C	MWR 041376	Replacement
833	CC-E-1B	MWR 045094	Repaired
837	65	DCP-1964	Replacement
840	MEJ-BR-9	MWR 028358	Replacement
841	CCR-250	MWR 039685	Replacement
843	MS-80	MWR 046421	Replacement
848	TCV-CH-143	MWR 034154	Repaired
854	RS-E-1A	MWR 045719	Repaired
855	RS-E-1C	MWR 045720	Repaired
860	MOV-SI-863B	MWR 042205	Replacement
862	RW-133	MWR 050820	Replacement
863	RW-134	MWR 050821	Replacement

REPAIR/REPLACEMENT ABSTRACT

2 of 5

<i>File No.</i>	<i>Mark No.</i>	<i>Work Order No.</i>	<i>Activity</i>
867	RV-FW-155	MWR 044343	Replacement
869	RV-CH-209	MWR 051111	Repaired
"	"	MWR 051911	"
870	SI-LST-101	MWR 045852	Replacement
"	SI-LST-103	MWR 049672	"
"	SI-LST-108	MWR 049673	"
"	SI-LST-118	MWR 047379	"
"	SI-LST-119	MWR 047344	"
"	SI-HSS-309	MWR 047381	Removed
"	SI-LST-111	MWR 047378	Replacement
"	SI-HSS-102A	MWR 049670	Removed
"	SI-LST-110	MWR 045812	Replacement
"	SI-LST-104	MWR 047377	"
"	SI-LST-117	MWR 045853	"
"	SI-LST-120	MWR 045854	"
"	SI-HSS-102B	MWR 049671	Removed
871	RS-LST-206	MWR 047357	Replacement
"	RS-LST-211	MWR 047362	"
"	RS-LST-224	MWR 047371	"
"	RS-HSS-203	MWR 047355	Removed
"	RS-LST-210	MWR 047361	Replacement
"	RS-LST-225	MWR 047372	"
"	RS-LST-214	MWR 047363	"
"	RS-HSS-236	MWR 045810	Removed
"	RS-LST-235	MWR 047374	Replacement
"	RS-LST-205	MWR 047356	"
"	RS-LST-222	MWR 047369	"
"	RS-LST-213	MWR 047343	"
"	RS-LST-223	MWR 047370	"
"	RS-LST-216	MWR 047365	"
"	RS-LST-208	MWR 047359	"
"	RS-LST-207	MWR 047358	"
"	RS-LST-209	MWR 047360	"
"	RS-LST-215	MWR 047364	"
872	CH-HSS-311	MWR 047396	Removed
"	CH-HSS-305	MWR 047347	"
873	QS-PSST-501	MWR 045820	Replacement
"	QS-PSST-504	MWR 047391	"

REPAIR/REPLACEMENT ABSTRACT

3 of 5

<i>File No.</i>	<i>Mark No.</i>	<i>Work Order No.</i>	<i>Activity</i>
874	CC-LST-404A	MWR 049669	Replacement
"	CC-LST-405B	MWR 045817	"
"	CC-LST-405A	MWR 045816	"
875	RC-LST-7	MWR 047351	Replacement
"	RC-LST-8	MWR 047352	"
"	RC-LST-9	MWR 045822	"
"	RC-LST-10	MWR 045823	"
"	RC-LST-11	MWR 045807	"
"	RC-LST-12	MWR 047353	"
"	RC-HSS-13	MWR 047354	Removed
"	RC-LST-5	MWR 045821	Replacement
"	RC-LST-6	MWR 047350	"
"	RC-LST-14	MWR 047342	"
876	FC-PSST-202	MWR 045818	Replacement
"	FC-PSST-204	MWR 047389	"
"	FC-PSST-205	MWR 047341	"
"	FC-PSST-206	MWR 047390	"
"	FC-PSST-203	MWR 045819	"
877	QS-45	MWR 051489	Repair
878	WT-387	MWR 046413	Replacement
879	MOV-CH-373	MWR 032509	Repaired
880	RC-E-1A	MWR 044568	Repair
"	"	MWR 044569	Repair
881	RC-E-1B	MWR 044574	Repair
882	RC-E-1C	MWR 044577	Repair
884	TV-CC-107E1	MWR 051262	Repaired
885	TV-CC-107A	MWR 045558	Repaired
886	PS-3	MWR 052233	Repaired
"	PS-6	"	"
"	PS-15	"	Removed
887	RC-HC-9B	MWR 045793	Replacement
888	RC-HC-10B	MWR 045794	Replacement
889	RC-HC-12C	MWR 045795	Replacement
890	SI-HSS-512A	MWR 047383	Replacement
891	WGCB-PSSP-46G	MWR 045800	Replacement
892	RV-RC-551A	MWR 051639	Repaired
895	MOV-QS-101A	MWR 052628	Repaired
896	TV-CC-105E1	MWR 039105	Repaired
897	CH-24	MWR 052715	Repaired

REPAIR/REPLACEMENT ABSTRACT

4 of 5

<i>File No.</i>	<i>Mark No.</i>	<i>Work Order No.</i>	<i>Activity</i>
905	WR-45	DCP-2173	Replacement
"	WR-54	"	"
"	WR-56	"	"
"	WR-58	"	"
"	WR-59	"	"
"	WR-43	"	"
"	WR-55	"	"
"	WR-60	"	"
"	WR-106	"	"
"	WR-108	"	"
"	WR-109	"	"
"	WR-110	"	"
"	WR-53	"	"
"	WR-543	"	"
"	WR-721	"	"
"	WR-722	"	"
"	WR-723	"	"
"	WR-724	"	"
"	WR-725	"	"
"	WR-726	"	"
"	WR-727	"	"
"	WR-728	"	"
"	WR-729	"	"
"	RW-137	"	"
"	RW-138	"	"
"	RW-139	"	"
"	RW-142	"	"
"	RW-143	"	"
"	RW-144	"	"
"	RW-145	"	"
"	RW-150	"	"
"	RW-151	"	"
"	RW-152	"	"
"	RW-153	"	"
"	RW-760	"	"
"	RW-567	"	"
"	RW-568	"	"
"	RW-570	"	"
"	RW-571	"	"
"	RW-550	"	"
"	RW-551	"	"
"	RW-569	"	"
"	RW-572	"	"
"	RW-573	"	"
"	RW-421	"	"

REPAIR/REPLACEMENT ABSTRACT

5 of 5

<i>File No.</i>	<i>Mark No.</i>	<i>Work Order No.</i>	<i>Activity</i>
906	WR-44	DCP-2151	Replacement
"	WR-52	"	"
"	WR-57	"	"
"	WR-46	"	"
"	WR-47	"	"
"	WR-48	"	"
"	WR-49	"	"
"	WR-50	"	"
"	WR-51	"	"
"	WR-70	"	"
"	WR-71	"	"
"	WR-72	"	"
"	RW-156	"	"
"	RW-157	"	"
"	RW-160	"	"
"	RW-161	"	"
"	RW-162	"	"
"	RW-163	"	"
"	RW-164	"	"
"	RW-165	"	"
"	RW-422	"	"
"	RW-423	"	"
"	RW-427	"	"
"	RW-172	"	"
"	RW-173	"	"
"	RW-174	"	"

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

1. Owner Duquesne Light Co. Date 5-5-93
Name
One Oxford Centre, Pgh, PA 15279
Address
2. Plant Beaver Valley Power Station Sheet 1 of 2
Name
Shippingport, PA 15077
Address
3. Work Performed by Duquesne Light Co. Unit BVPS Unit 1
Name
Shippingport, PA 15077
Address
4. Identification of System Recirculation Spray System
5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, Sum 71 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S83
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Recirculation Spray Line From RS-E-1A				12" RS-3		Replacement Modification	
Recirculation Spray Line From RS-E-1B				12" RS-4		Replacement Modification	

7. Description of Work Install Spectacle Plates/Flanges/Test Connections

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 169 psi Test Temp. 77.7 °F RS-3
169 psi Temp. 82.5 °F RS-4

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Modifications have been performed by Duquesne Light Co.

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 per NGAM 8.5 ASME Section XI Repair/Replacement

Certificate of Authorization No. N/A Expiration Date _____

Signed Robert Luciani Jr. Engr. Date 9-1 19 93
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 Arkwright Mutual Insurance Co. * of Norwood, Mass have inspected the components described in this Owner's Report during the period 3-18-93 to 9-1-93, 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.

*Factory Mutual Engrg. Assn.

[Signature] Commissions PA2274
Inspector's Signature National Board, State, Province, and Endorsements

Date 9-1 19 93

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

1. Owner Duquesne Light Co. Date 5-6-93
Name
One Oxford Centre, Pgh, PA 15279
Address
2. Plant Beaver Valley Power Station Sheet 2 of 2
Name
Shippingport, PA 15077
Address Unit BVPS Unit 1
DCP 1945
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Duquesne Light Co. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Shippingport, PA 15077 Expiration Date N/A
Address
4. Identification of System Recirculation Spray System
5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, Sum. 71 Addenda, - Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S83

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Recirculation Spray Line From RS-E-1C				12" RS-11		Replacement Modification	
Recirculation Spray Line From RS-E-1D				12" RS-12		Replacement Modification	

7. Description of Work Install Spectacle Plates/Flanges/Test Connections

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 163 psi Test Temp. 78.2 °F - RS-11
163 psi Temp. 84.9 °F - RS-12

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

FORM NIS-2 (Back)

9. Remarks _____

Applicable Manufacturer's Data Reports to be attached

Modifications have been performed by Duquesne Light Co.

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 per NGAM 8.5 ASME Sect. XI Repair/Replacement

Certificate of Authorization No. N/A Expiration Date _____

Signed Brian L. Leland de. Engr. Date 9-1- 19 93
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 Arkwright Mutual Insurance Co. * of Norwood, Mass have inspected the components described in this Owner's Report during the period 3-18-93 to 9-1-93, 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.

*Factory Mutual Engrg - Assn.

[Signature] Commissions PA 2274
Inspector's Signature National Board, State, Province, and Endorsements

Date 9-1 19 93

Form No. 612

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #029109
(Address) Repair Organization P.O. Box, Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-6B	-	Replaced	NO
Expansion Joint	Goodall	N/A	N/A	REJ-RW-6B	-	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Engr. Date Dec. 27, 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 9/4/94 to 12/28/95, 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.

*Factory Mutual Engr. Assn.

Robert J. Cmoach Commissions NB7504 (NB I, S, IS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements
Date 12/28/95 19 95

Form No. 614

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #029111
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____

4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-7B	—	Replaced	NO
Expansion Joint	Garlock	5-0296	N/A	REJ-RW-7B	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available. A 3/4" thick spacer plate was also installed. The new
expansion joint and spacer plate was hydro tested in the shop to 130 psig for 10 minutes at ambient
temperature.

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.

Type Code Symbol Stamp per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Robert J. White Senior Engr. Date Dec 27 19 95
Owner or Owner's Designer, 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 Arkwright Mutual Insurance Co.* of
Norwood, Massachusetts have inspected the components described in the
Owner's Report during the period 3/31/94 to 12/28/95 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.

*Factory Mutual Engr. Assn.

Robert Cimoch Commissions NB7509 (NISB, IS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date DEC 28 19 95

Form No. 615

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #029112
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-7D	—	Replaced	NO
Expansion Joint	Garlock	5-0295	N/A	REJ-RW-7D	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date Dec 27, 19 95

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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/31/94 to 12/28/95 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.

*Factory Mutual Engr. Assn.

[Signature] Commissions NB7509(NBI, S, IS) PA 2162

Date DEC 28, 19 95

Form No. 622

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #029119
(Address) Repair Organization F.O. No., Job No., etc.
3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code 831.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-18A	—	Replaced	NO
Expansion Joint	Goodall	N/A	N/A	REJ-RW-18A	—	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date Dec 27 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/2/94 to 12/28/95 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.

*Factory Mutual Engr. Assn.

[Signature] Commissions NB7509 (NIBS, IS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date DEC. 28 19 95

Form No. 623

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

1. Owner Duquesne Light Company Date 03-19-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #029120
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-18B	---	Replaced	No
Expansion Joint	Garlock	5-4007	N/A	REJ-RW-18B	1995	Replacement	No

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Engineer Date March 19, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/2/94 to 3/24/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date March 24, 19 96

Form No. 624

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #029121
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-18C	—	Replaced	NO
Expansion Joint	Goodall	81832	N/A	REJ-RW-18C	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert J. Cernoch* *Senior Engr* Date *Dec 27* 19 *95*

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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/2/94 to 12/24/95 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.

*Factory Mutual Engr. Assn.

Robert Cernoch Commissions *NB7504 (BNI S, IS) PA 2162*

Date *DEC. 29* 19 *95*

Form No. 627

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

1. Owner Duquesne Light Company
(Name)Date 04-25-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #029125

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System River Water (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-26R1	—	Replaced	No
Expansion Joint	Garlock	43526	N/A	REJ-RW-26R1	1994	Replacement	No

7. Description of Work Replaced rubber expansion joint and all studs and nuts.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Expansion joint replaced due to end of life.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert Amoch* Senior Eng Date April 26, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/31/94 to 4/29/96, 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.

Robert Amoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date April 29, 1996

Form No. 631

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

1. Owner Duquesne Light Company Date 12-26-95
(NAME)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(ADDRESS)
2. Plant Beaver Valley Power Station Unit No. 1
(ADDRESS)
- Shippingport, PA 15077 MWR #029127
(ADDRESS) Repair Organization P.O. Box, Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(NAME)
- Shippingport, PA 15077 Authorization No. _____
(ADDRESS) Expiration Date _____
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-24A	-	Replaced	NO
Expansion Joint	Garlock	4-3532	N/A	REJ-RW-24A	1994	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available. A 3/8" spacer plate was also installed.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Edward White Senior Eng. Date Dec 27, 19 95
Owner of Owner's Design, 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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/31/94 to 12/29/95 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.

*Factory Mutual Engr. Assn.

Robert Cernoch Commissions NA 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date DEC, 29 19 95

Form No. 633

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

1. Owner Duquesne Light Company Date 03-19-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #029129
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-4A2	N/A	Replaced	No
Expansion Joint	Garlock	4-4124	N/A	REJ-RW-4A2	1994	Replacement	No

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms available

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert Cimoch* Senior Engineer Date March 20, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/31/94 to 3/24/96 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date March 24, 1996

Form No. 634

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

1. Owner Duquesne Light Company Date 01-02-96
(Name)

411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)

Shippingport, PA 15077 MWR #029176
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)

Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Component Cooling, Primary (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-CC-16B	—	Replaced	No
Expansion Joint	Garlock	5-3973	N/A	REJ-CC-16B	1995	Replacement	No

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts.

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.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Engineer Date January 3 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/2/94 to 1/4/96 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.

Robert Cimoch Commissions NB 7509 (NIS BIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date JAN 4 19 96

Form No. 638

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

1. Owner Duquesne Light Company

(Name)

Date 04-30-96411 Seventh Avenue - Pittsburgh, PA 15279

(Address)

Sheet 1 of 12. Plant Beaver Valley Power Station

(Address)

Unit No. 1Shippingport, PA 15077

(Address)

MWR #020747

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

3. Work Performed By DLCO - Maint. Programs

(Name)

Type Code Symbol Stamp Not ApplicableShippingport, PA 15077

(Address)

Authorization No. Expiration Date 4. Identification of System Component Cooling, Reactor (Q2)

5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Butterfly Valve	Allis Chalmers	N/A	N/A	MOV-CC -112B2	N/A	Repaired	No

7. Description of Work Valve was overhauled, inlet/outlet studs and nuts were replaced.

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.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date May 2 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/29/94 to 5/13/96, 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 NB7509(NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 3 19 96

Form No. 722

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #036901
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-4B2	—	Replaced	NO
Expansion Joint	Gariock	4-3531	N/A	REJ-RW-4B2	1994	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed: Robert J. White Senior Engr. Date Dec 27, 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 12/27/94 to 12/29/95 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.

*Factory Mutual Engr. Assn.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date DEC 29, 19 95

Form No. 725

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

1. Owner Duquesne Light Company Date 12-26-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #037012
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____

4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-7A	—	Replaced	NO
Expansion Joint	Garlock	5-1052	N/A	REJ-RW-7A	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts

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

FORM NIS-2 (Back)

9. Remarks: No CoCa Data Forms Available.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed: Thomas J. White Senior Engr Date Dec 27 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 12/19/94 to 12/29/95 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.

*Factory Mutual Engr. Assn.

Robert Cimoch
Inspector's Signature

Commissions NB7509 (NISBIS) PA 2162
National Board, State, Province, and Endorsements

Date DEC 29 19 95

Form No. 728

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

1. Owner Duquesne Light Company Date 12-28-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #037016
(Address) MAINTENANCE ORGANIZATION P.O. NO., JOB NO., ETC.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____
4. Identification of System River Water (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-24B	-	Replaced	NO
Expansion Joint	Garlock	5-2299	N/A	REJ-RW-24B	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date Dec 27 19 95

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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 12/9/94 to 12/29/95 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.

*Factory Mutual Engr. Assn.

[Signature] Commissions NB7509 (NISBIS) PA 2162

Date DEC 29 19 95

Form No. 729

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

1. Owner Duquesne Light Company
(Name)Date 12-26-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #037017
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)

Authorization No. _____

Expiration Date _____

4. Identification of System River Water (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-RW-25B	—	Replaced	NO
Expansion Joint	Garlock	S-2300A	N/A	REJ-RW-25B	1995	Replacement	NO

7. Description of Work Replaced Rubber Expansion Joint and all bolts and nuts8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Forms Available.

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.

Type Code Symbol Stamp per NPDP 8.5 "ASME Section XI Re; air/Replacement Program"

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

Signed [Signature] Senior Eng. Date Dec 27, 19 95

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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 12/9/94 to 12/29/95 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.

*Factory Mutual Engr. Assn.

Robert Cimoch Commissions NB7504(NISBIS) PA2162

Date DEC. 29, 19 95

Form No. 746

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

1. Owner Duquesne Light Company Date 04-12-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #038014
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "

4. Identification of System River Water (Class Q3)
5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Butterfly Valve	Allis-Chalmers	N/A	N/A	RW-184	N/A	Repaired	No

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

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Form available

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Basic Eng. Date April 17, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 1/10/95 to 4/20/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date April 20, 1996

Form No. 768

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

1. Owner Duquesne Light Company Date 12-28-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #039236
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Chemical and Volume Control (Q2)
5. (a) Applicable Construction Code Section VIII 1965 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety / Relief Valve	Crosby Valve	61680-003	N/A	RV-CH-203	—	Repaired	No
Disc	Crosby Valve	N94984-46-0044	N/A	Heat No. 626079	—	Replacement	No

7. Description of Work Repaired spare valve by replacing disc

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

* Set pressure of 612 psig.

FORM NIS-2 (Back)

9. Remarks: No Code Data Sheet Available. When this valve is installed a system leakage test will be performed.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Engineer Date January 3, 1996

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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 2/17/95 to 1/3/96, 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 NB7509(NISBIS) PA 2162
National Board, State, Province, and Endorsements

Date JAN. 3 19 96

Form No. 779

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

1. Owner Duquesne Light Company Date 05-10-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #039882
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____

4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Rockwell Int.	N/A	N/A	RC-9	N/A	Replaced	No
Globe Valve	Rockwell Int.	40ABD	N/A	RC-9	N/A	Replacement	No

7. Description of Work Replaced valve.

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

FORM NIS-2 (Back)

9. Remarks: Valve, elbow and pipe nipple were replaced in accordance with Code Case N-416-1, root and
final LP were performed. No Code Data Report available.

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.

Type Code Symbol Stamp per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert A. Amock* Senior Eng Date May 15, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/3/95 to 5/21/96, 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.

Robert Amock Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 21, 19 96

Form No. 780

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

1. Owner Duquesne Light Company Date 05-10-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #039883
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Drains (Q1)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Rockwell Int.	N/A	N/A	DV-6	N/A	Replaced	No
Globe Valve	Rockwell Int.	41ABD	N/A	DV-6	1991	Replacement	No

7. Description of Work Replaced valve.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Valve and pipe nipple were replaced in accordance with Code Case N-416-1, root and final
LP were performed. No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 15, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/3/95 to 5/22/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 22, 19 96

Form No. 811

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

1. Owner Duquesne Light Company Date 09-06-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #041829
(Address) Repair Organization P.D. No., Job No., etc.
3. Work Performed By DLCc - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System Main Steam (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe	Schneider Inc.	SHPD-1-1	N/A	SHPD-1	1976	Replaced	No

7. Description of Work Replaced elbow and pipe

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

FORM NIS-2 (Back)

9. Remarks: Replacement was performed in accordance with Code Case N-416-1 and as supplemented by the
requirements of 12-07-94 letter from the NRC granting relief, surface exams were performed on the
root and final layer of weld.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert J. Cinnoch* Senior Eng. Date Sept 7 19 95
Owner or Owner's Designee, 11178

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 Arkwright Mutual Insurance Co.* of
Norwood, Massachusetts have inspected the components described in the
Owner's Report during the period 5/1/95 to 9/1/95 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.

*Factory Mutual Engr. Assn.

Robert J. Cinnoch Commissions NB7509 (NISBS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 11 19 95

Form No. 813

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

1. Owner Duquesne Light Company Date 05-16-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 2
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR#037466
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Chemical and Volume Control (Q3)
5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007 -01-21	31370	CH-E-7A	1977	Replaced	YES
Heat Exchanger	American Standard	82F20009 -01-1	38869	CH-E-7A	1983	Replacement	YES

7. Description of Work Replaced Heat Exchanger with spare.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: N-1 Report attached. Replaced Charging Pump Lube Oil Cooler Heat Exchanger with a
retubed spare due to flow induced erosion of the Cu-Ni tubes.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Roman J. White* Senior Eng. Date May 17 19 95
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 Arkwright Mutual Insurance Co.* of
Norwood, Massachusetts have inspected the components described in the
Owner's Report during the period 12-21-94 to 5-18-95 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.

*Factory Mutual Engr. Assn.

Carl F. Horn Commissions NS 8314 and PA 2245
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-18 19 95

FORM NO. 1 MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS As required by the Provisions of the ASME Code Rules

ATTACHMENT #2
PAGE 2 OF 7

1. Manufactured by AMERICAN STANDARD HEAT TRANSFER DIVISION - BUFFALO, NEW YORK 14240
(Name and address of Manufacturer)

Manufactured for PACIFIC PUMPS

HUNTINGTON, CALIF.

Type HORIZ. Kind Heat Exch. Vessel No. 82F20009-01-1
(Horizontal or Vertical) (Type of Heat Exch.) (Name and address of Purchaser)
(Mfr. Serial No.) (State & State No.) Nat'l Bd. No. 38869 Yr. Built 1983

2. Applicable ASME Code: Section III, Edition 1971, Addenda date SUMMER 1972, Case No.
Class 3.

3. 4-6 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

Shell: Material T.S. Nominal Thickness in. Corrosion Allowance in. Dia. ft. in. Length ft. in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long H.T.¹ R.T. Efficiency %

Girth H.T.¹ R.T. No. of Courses

Heads (a) Material T.S. (b) Material T.S.

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(b) <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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

Jacket Closure (Describe as edge & weld, bar, etc. If bar give dimensions, describe or sketch)

Drop Weight Pneumatic
Charpy Impact ft-lb Hydrostatic or } Test
Design Pressure² psi at °F at temp. of °F. Combination } Pressure psi

7-9 and 10 to be completed for tube sections.

Tube Sheets: Stationary. Material SA 331 GR CF8M Dia. 9.750 in. Thickness .562 in. Attachment INT. CAS.
(2) CAST 316 3/5 (Kind & Spec. No.) (Subject to press.) (Welded, Bolted)

Floating. Material Dia. in. Thickness in. Attachment
(Kind & Spec. No.)

Lo-Fin 90/10 CuNi
Tubes: Material SB-359 O.D. .625 in. Thickness inches AT FIN. Number 72 Type STRAIGHT
(Kind & Spec. No.) (or gage) (Straight or U)

11-14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

Shell: Material T.S. Nominal Thickness in. Corrosion Allowance in. Dia. ft. in. Length ft. in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long H.T.¹ R.T. Efficiency %
(Welded, Dbl., Single) (Yes or No)

Girth H.T.¹ R.T. No. of Courses

CAST 316 3/5

Heads: (a) Material SA 331 GR T.S. 70,000 (b) Material T.S. (c) Material T.S.
CF8M

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top/bottom, ends	<u>.250</u>	<u>7.000</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>9.750</u>	<u>CONCAVE</u>
(b) Channel	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Floating	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

ALLOY STL. SA 193-87 - 125,000 .375-24

If removable, bolts used (a) (b) (c)
(Material, Spec. No., T.S., Size, Number)

Drop weight
Charpy Impact ft-lb
Design pressure² 150 psi at 200 °F at temp. of °F.
Hydrostatic or }
Combination } Pressure psi

WESPO
305-647096
REV
Pressure
Hydrostatic
Combination
Pressure

To be completed for all vessels where applicable.

TO BE PROVIDED FOR BY
CUSTOMER

Valve Outlets: Number 2 Size 1.500 P.T. Location BOSS

Outlet (Inlet, Outlet, Drain)	Number	Dia. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
IN OUT	2	1.500 P.T.	BOSS	CAST A16 3/5			INT. CAST

Inspection Manholes, No NONE Size — Location —

Manways Handholes, No NONE Size — Location —

Threaded, No NONE Size — Location —

Supports Skirt NONE Legs — Legs — Other SUPPORTS Attached BOLTED TO BONNET

(Yes or No) (Number) (Number) (Describe) (Where & How)

Markings: SECTION III - CLASS 3 - TUBESIDE

TUBESIDE - Commercial Construction

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at AMERICAN STANDARD HEAT TRANSFER DIV. BUFFALO, N.Y.

Stress analysis report on file at NOT APPLICABLE TO SECTION III CLASS 3 VESSEL

Design specifications certified by DAVID M. KITCH Prof. Eng. State PENN. Reg. No. 20978-E

Stress analysis report certified by NOT APPLICABLE Prof. Eng. State — Reg. No. —

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

MAH. 31 19 83 Signed TRANSFER DIVISION By A.R. Wornat Manager, U.C.

(Manufacturer)

State of authorization Expires Aug. 8, 1984 Certificate of Authorization No. N-1164

CERTIFICATE OF SHOP INSPECTION

TEST MADE BY AMERICAN STANDARD HEAT TRANSFER DIVISION at Buffalo, New York

The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of New York and employed by Kaiser Aluminum 2000 York

Inspected the pressure vessel described in this Manufacturer's Data Report on March 31 19 83, and

to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code, Section III.

In giving 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 personal injury or property damage or a loss of any kind arising from or connected with this inspection.

March 31 19 83 David E. T. McHugh Inspector's Signature

Commissions NS # 7643 NY # 2635 PA # 2327 OHIO

National Board, State, Province and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of — and employed by —

Inspected the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as —, not included in the certificate of shop inspection have

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 ASME Code, Section III. The described vessel was inspected and subjected to a hydrostatic test and/or pneumatic test of — psi.

In giving 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 personal injury or property damage or a loss of any kind arising from or connected with this inspection.

— 19 —

Inspector's Signature

Commissions —

National Board, State, Province and No.

Form No. 815

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

1. Owner Duquesne Light Company Date 05-16-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR#042027
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System Reactor Coolant (Q1)
5. (a) Applicable Construction Code Section III 1965 Edition, W'66 Addenda, 1429 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	1303	68-47	RC-E-1C	1971	Repaired	YES

7. Description of Work Replaced ten upper manway bolts with studs and injection capnuts.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: Replaced ten bolts with studs and injection capnuts for Leak Repair of manway cover
gasket leak.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Engr. Date May 17 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5-6-95 to 5-18-95 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.

*Factory Mutual Engr. Assn.

Robert J. ... Commissions N.B. 314 A.N.I. PA 2245
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-18 19 95

Form No. 816

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

1. Owner Duquesne Light Company Date 05-16-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 2
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR#041984
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System Chemical and Volume Control (Q3)
5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007 -01-23	31372	CH-E-7B	1977	Replaced	YES
Heat Exchanger	American Standard	82F20009 -01-3	38871	CH-E-7B	1983	Replacement	YES

7. Description of Work Replaced Heat Exchanger with spare.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: N-1 Report attached. Replaced Charging Pump Lube Oil Cooler Heat Exchanger with a
retubed spare due to flow induced erosion of the Cu-Ni tubes.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Norman J. White* Senior Eng. Date May 17, 19 95
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 Arkwright Mutual Insurance Co.* of
Norwood, Massachusetts have inspected the components described in the
Owner's Report during the period 5-5-95 to 5-18-95, 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.

*Factory Mutual Engr. Assn.

Edith J. ... Commissions NO 8314 A.N.I. PA 2245
Inspector's Signature NATIONAL BOARD, STATE, PROVINCE, AND ENDORSEMENTS

Date 5-18 19 95

FORM N-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS

As required by the Provisions of the ASME Code Rules

ATTACHMENT #2
PAGE 6 of 7

1. Manufactured by AMERICAN STANDARD HEAT TRANSFER DIVISION - BUFFALO, NEW YORK 14240
(Name and address of Manufacturer)

Manufactured for PACIFIC PUMPS HUNTINGTON, CALIF.
(Name and address of Purchaser)

2. Type HORIZ. Kind Heat Exch. Vessel No. 82F20009-01-3 Nat'l Bd. No. 38871 Yr. Built 1983
(HORIZ. or VERT.) (Type of Heat Exch.) (Mfr. Serial No.) (State & State No.)

3a. Applicable ASME Code: Section III, Edition 1971, Addenda date SUMMER 1972, Case No. Class 3

Items 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material T.S. Nominal Thickness in. Corrosion Allowance in. Dia. ft. in. Length ft. in.
(Kind & Spec. No.) (Min. of range specified)

5. Seams: Long H.T. R.T. Efficiency %
Girth H.T. R.T. No. of Courses

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 Side is Press. (Convex or Concave)
(a)
(b)

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

7. Jacket Closure (Describe as edge & weld, bar, etc. U bar give dimensions, describe or sketch)
Drop Weight Pneumatic
Charpy Impact ft-lb Hydrostatic or Test
Pressure psi

8. Design Pressure psi at °F at temp. of °F Combination Pressure

Items 9 and 10 to be completed for tube sections.

9. Tube Sheets: Stationary. Material SA351 GR 2 CBM Dia. 9.750 in. Thickness .562 in. Attachment INT. CAST
(Kind & Spec. No.) (Subject to press.) (Welded, Built)

Floating. Material 90/10 CuNi Dia. .044 in. Thickness .044 in. Attachment
(Kind & Spec. No.) (Welded, Built)

10. Tubes: Material SA351 GR 2 CBM O.D. 6.25 in. Thickness inches AT FIN. Number 72 Type STRAIGHT
(Kind & Spec. No.) (Straight or U)

Items 11 to 14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

11. Shell: Material T.S. Nominal Thickness in. Corrosion Allowance in. Dia. ft. in. Length ft. in.
(Kind & Spec. No.) (Min. of range specified)

12. Seams: Long H.T. R.T. Efficiency %
(Welded, Dbl., Single) (Yes or No)
Girth H.T. R.T. No. of Courses
SER. NO. ALLOY STL. 5A193-87-125,000

13. Heads: (a) Material SA351 GR 2 CBM T.S. 70,000 (b) Material T.S. (c) Material T.S.
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side is Press. (Convex or Concave)
(a) Top/bottom, ends .250 7,000 9.750 CONCAVE
(b) Channel
(c) Floating

ALLOY STL. 5A193-87-125,000 .375-24

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b) (c) Other fastening (Describe or attach sketch)

14. Design pressure 150 psi at 200 °F at temp. of °F Combination Pressure 225 psi
Drop weight Pneumatic
Charpy Impact ft-lb Hydrostatic or Test

Items below to be completed for all vessels where applicable.

15. Safety Valve Outlets: Number 2 TO BE PROVIDED FOR BY CUSTOMER Size — Location —

Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Dia. or Size	Type	Material	Thickness	Reference to Material	How Attached
TUBE IN FRONT	2	1.500 P.T.	BOSS	CAST A16 3/4	—	—	WELDED

17. Inspection Manholes, No. NONE Size — Location —

Openings: Handholes, No. NONE Size — Location —

Threaded, No. NONE Size — Location —

18. Supports: Skirt NONE Lugs — Legs — Other SUPPORTS Attached BOLTED TO BONNET

(Yes or No) (Number) (Number) (Describe) (Where & How)

19. Remarks: SECTION III - CLASS 3 - TUBEWELD

SHAW-WIDE - COMMERCIAL CONSTRUCTION

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at AMERICAN STANDARD HEAT TRANSFER DIV. BUFFALO, N.Y.

Stress analysis report on file at NOT APPLICABLE TO SECTION III CLASS 3 VESSEL

Design specifications certified by DAVID M. KITCH Prof. Eng. State PENN. Reg. No. 20978-E

Stress analysis report certified by NOT APPLICABLE Prof. Eng. State — Reg. No. —

We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules of construction of the ASME Code, Section III. AMERICAN STANDARD HEAT

Date MAR. 31 19 83 Signed DAVID M. KITCH By R. P. Warner Manager, Q.C.

Certificate of authorization Expires AUG. 8, 1984 Certificate of Authorization No. N-1164

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY AMERICAN STANDARD HEAT TRANSFER DIVISION at Buffalo, New York

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New York and employed by Royal Industries New York

have inspected the pressure vessel described in this Manufacturer's Data Report on MARCH 31 19 83, and state that to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code, Section III.

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 MARCH 31 19 83 NB # 7543 NY # 2555 PA # 2327 OHIO

Inspector's Signature Inspector's Signature Commission — National 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 of — and employed by —

have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as does 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 ASME Code, Section III. The described vessel was inspected and subjected to a hydrostatic test and a Pneumatic 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 — National Board, State, Province and No. —

Form No. 818

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

1. Owner Duquesne Light Company Date 05-31-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 2
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #042130
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Chemical and Volume Control (Q3)
5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007 -01-21	31370	CH-E-7A (Spare)	1977	Repaired	YES

7. Description of Work Retubed Heat Exchanger with like kind tubes
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 135 psi Test Temp. Amb. °F

FORM NIS-2 (Back)

9. Remarks: N-1 Report attached. Retubed Charging Pump Lube Oil Cooler Heat Exchanger with 90/10 CuNi
Tubes.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert C. Smith* Senior Eng. Date JUNE 1 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/17/95 to 6/5/95 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.

*Factory Mutual Engr. Assn.

Robert C. Smith Commissions NB7509(NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5 19 95

REVISED

FORM N-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS As required by the Provisions of the ASME Code Rules

Manufactured by AMERICAN STANDARD HEAT TRANSFER DIVISION - BUFFALO, NEW YORK 14240
(Name and address of Manufacturer)
Manufactured for PACIFIC PUMPS DIV. HUNTINGTON PARK, CAL. 90255
(Name and address of Purchaser)
Type HORIZ. Kind Heat Exch. Vessel No. 9-20007-01-2/ Nat'l Bd. No. 31370 yr. Built 1977
(Horiz. or Vert.) (Heat Ex.) (Mfr. Serial No.) (State & State No.)
Applicable ASME Code: Section III, Edition 1974, Addenda date SUMMER 1975, Case No. _____
Class B

is 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

Shell: Material _____ T.S. _____ Nominal Thickness _____ in. Corrosion Allowance _____ in. Dia. _____ ft. _____ in. Length _____ ft. _____ in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long _____ H.T. ¹ _____ R.T. _____ Efficiency _____ %

Girth _____ H.T. ¹ _____ R.T. _____ No. of Courses _____

Heads (a) Material _____ T.S. _____ (b) Material _____ T.S. _____

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) _____	_____	_____	_____	_____	_____	_____	_____	_____
(b) _____	_____	_____	_____	_____	_____	_____	_____	_____

If removable, bolts used _____ (Material, Spec. No., T.S., Size, Number) Other fastening _____ (Describe or attach sketch)

Jacket Closure _____ (Describe as open & weld, bar, etc. If bar give dimensions, describe or sketch)

Drop Weight _____ Pneumatic _____
Charpy Impact _____ ft-lb Hydrostatic or _____ } Test
Design Pressure ² _____ psi at _____ °F at temp. of _____ °F. Combination _____ Pressure _____ psi

is 9 and 10 to be completed for tube sections.

Tube Sheets: Stationary. Material SA351 CBM Dia. 9.9 in. Thickness 1.2 in. Attachment INT. CAST
(2) CAST 316 B/S (Kind & Spec. No.) (Subject to press.) (Welded, Bolted)

Floating. Material NONE Dia. _____ in. Thickness _____ in. Attachment _____

LO-FIN 90/10 CU-NI. (Kind & Spec. No.) 0.046 MIN WALL AT inches
Tubes: Material SB B59 O.D. 5 in. Thickness FIN or gage _____ Number 72 Type STR.
(Kind & Spec. No.) (Straight or U)

is 11 to 14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

Shell: Material _____ T.S. _____ Nominal Thickness _____ in. Corrosion Allowance _____ in. Dia. _____ ft. _____ in. Length _____ ft. _____ in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long _____ H.T. ¹ _____ R.T. _____ Efficiency _____ %
(Welded, Dbl., Single) (Yes or No)

Girth _____ H.T. ¹ _____ R.T. _____ No. of Courses _____

CAST 316 B/S SA351
Heads: (a) Material CBM T.S. 70,000 (b) Material _____ T.S. _____ (c) Material _____ T.S. _____

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top, bottom, ends, <u>250</u>	<u>7.00</u>	_____	_____	_____	_____	_____	_____	<u>CONCAVE</u>
(b) Channel _____	_____	_____	_____	_____	_____	_____	_____	_____
(c) Floating _____	_____	_____	_____	_____	_____	_____	_____	_____

ALLOY STL. SA193-B7

If removable, bolts used (a) 125,000 - 12 (b) _____ (c) _____ Other fastening _____ (Describe or attach sketch) (4)

Drop weight _____ Pneumatic _____
Charpy Impact _____ ft-lb Hydrostatic or _____ } Test
Design pressure ² 150 psi at 200 °F at temp. of _____ °F. Combination _____ Pressure 225 psi

FORM N-1 (hack)

9-20007-01-21

Items below to be completed for all vessels where applicable.

15. Safety Valve Outlets: Number _____ Size _____ Location _____
16. Nozzles:
- | Purpose (Inlet, Outlet, Drain) | Number | Dia. or Size | Type | Material | Thickness | Reinforcement Material | How Attached |
|--------------------------------|--------|--------------|------|--------------|-----------|------------------------|--------------|
| SHELL IN & OUT | 2 | 1 1/2" P.T. | BOSS | CAST 316 S/S | - | - | INT. CAST |
| TURB IN & OUT | 2 | 1 1/2" P.T. | BOSS | CAST 316 S/S | - | - | INT. CAST |
17. Inspection Manholes, No. _____ Size _____ Location _____
 Openings: Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____
18. Supports: Skirt NO Lugs - Legs - Other FOOT Attached INT. WITH HUB
 (Yes or No) (Number) (Number) (Describe) (Where & How)
19. Remarks: LUBE OIL COOLER
SHELL SIDE IS COMMERCIAL CONSTRUCTION
NON-CODE

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at AMERICAN STANDARD HEAT TRANSFER DIV. BUFFALO, N.Y.Stress analysis report on file at NOT APPLICABLE TO SECTION III CLASS 3 VESSELDesign specifications certified by WILBURN O. SHEPHERD Prof. Eng. State CAL. Reg. No. 11036

Stress analysis report certified by _____ Prof. Eng. State _____ Reg. No. _____

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

Date DECEMBER 13 1977 Signed TRANSFER DIVISION By R. R. Warner
 (Manufacturer) (Manager, Q.C.)Certificate of authorization Expires 8/4/78 Certificate of Authorization No. 1164

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY AMERICAN STANDARD HEAT TRANSFER DIVISION at Buffalo, New YorkI, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New York and employed by Royal Indemnity Company New York, New Yorkhave inspected the pressure vessel described in this Manufacturer's Data Report on DECEMBER 13 1977, and state that to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code, Section III.

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 DECEMBER 13 1977Inspector's Signature P. E. TuckCommissions NB# 7643 NY# 2685 PA# 2327 OHIO
 National 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 of _____ 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 ASME Code, Section III. The described vessel was inspected and subjected to a hydrostatic test and/or Pneumatic 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 _____

Commissions _____
 National Board, State, Province and No.

Form No. 819

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

1. Owner Duquesne Light Company
(Name)Date 09-08-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #042131
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Chemical and Volume Control (Q3)5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007-01-23	31372	CH-E-7B (Spare)	1977	Repaired	YES

7. Description of Work Retubed Heat Exchanger, replaced studs.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure 135 psi Test Temp. Amb. °F

FORM NIS-2 (Back)

9. Remarks: Retubed Charging Pump Lube Oil Cooler Heat Exchanger with 90/10 CuNi Tubes.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert J. Cimarosa* Senior Engr. Date Sept. 8 19 95
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/10/95 to 9/13/95 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.

*Factory Mutual Engr. Assn.

Robert J. Cimarosa Commissions NB7509 (BINIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 13 19 95

Form No. 820

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

1. Owner Duquesne Light Company Date 09-08-95
(Name)
- One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #042132
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Chemical and Volume Control (Q3)
5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, ----- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007 -01-22	31371	CH-E-7C (Spare)	1977	Repaired	YES

7. Description of Work Retubed Heat Exchanger, replaced studs.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 135 psi Test Temp. Amb. °F

FORM NIS-2 (Back)

9. Remarks: Retubed Charging Pump Lube Oil Cooler Heat Exchanger with 90/10 CuNi Tubes.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior Eng. Date Sept. 8 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/10/95 to 9/13/95 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.

*Factory Mutual Engr. Assn.

[Signature] Commissions NB7509 (BNIS, I, S) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 13 19 95

Form No. 821

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

1. Owner Duquesne Light Company
(Name)Date 05-31-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #042509

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Chemical and Volume Control (Q3)5. (a) Applicable Construction Code Section III 1971 Edition, S'72 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	American Standard	9-20007 -01-22	31371	CH-E-7C	1977	Replaced	YES
Heat Exchanger	American Standard	9-20007 -01-21	31370	CH-E-7C	1977	Replacement	YES

7. Description of Work Replaced Heat Exchanger with a spare8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: N-1 Report attached. Replaced Charging Pump Lube Oil Cooler Heat Exchanger with a retubed spare due to flow induced erosion of the CU-Ni tubes.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert E. White* *Senior Eng.* Date June 1, 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/10/95 to 6/5/95, 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.

*Factory Mutual Engr. Assn.

Robert Amosch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5 19 95

REVISED

FORM N-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS

As required by the Provisions of the ASME Code Rules

FORM NO. 821

Manufactured by AMERICAN STANDARD HEAT TRANSFER DIVISION - BUFFALO, NEW YORK 14240
(Name and address of Manufacturer)
Manufactured for PACIFIC PUMPS DIV. HUNTINGTON PARK, CAL. 90255
(Name and address of Purchaser)
Type HORIZ. Kind HEAT EXCH. VESSEL No. 9-20007-01-21 Nat'l Bd. No. 31370 Yr. Built 1977
(Horiz. or Vert.) (Heat Ex.) (Mfr. Serial No.) (State & State No.)
Applicable ASME Code: Section III, Edition 1974, Addenda SUMMER 1975, Case No. _____
Class B.

is 4-8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

Shell: Material _____ T.S. _____ Nominal Thickness _____ in. Corrosion Allowance _____ in. Dia. _____ ft. _____ in. Length _____ ft. _____ in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long _____ H.T.¹ _____ R.T. _____ Efficiency _____ %

Girth _____ H.T.¹ _____ R.T. _____ No. of Courses _____

Heads (a) Material _____ T.S. _____ (b) Material _____ T.S. _____

Location (Top, bottom, ends)	Thickness	Crown Radius	Kneukle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a)								
(b)								

If removable, bolts used _____ (Material, Spec. No., T.S., Size, Number) Other fastening _____ (Describe or attach sketch)

Drop Closure _____ (Describe as open & weld, bar, etc. If bar give dimensions, describe or sketch)
Drop Weight _____ Pneumatic _____
Charpy Impact _____ ft-lb Hydrostatic or _____ Test
Design Pressure² _____ psi at _____ °F at temp. of _____ °F. Combination _____ Pressure _____ psi

ms 9 and 10 to be completed for tube sections.

Tube Sheets: Stationary. Material SA351 C6M Dia. 9.8 in. Thickness 1.2 in. Attachment INT. CAST
(Kind & Spec. No.) (Subject to press.) (Welded, Bolted)

(2) CAST 316 B/S Floating. Material NONE Dia. _____ in. Thickness _____ in. Attachment _____
(Kind & Spec. No.)

LO-FIN 40/1000.NI. Tubes: Material 316 B/S O.D. 5 in. Thickness 0.064 MIN or gage _____ Number 72 Type STR.
(Kind & Spec. No.) (Straight or U)

is 11 to 14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

Shell: Material _____ T.S. _____ Nominal Thickness _____ in. Corrosion Allowance _____ in. Dia. _____ ft. _____ in. Length _____ ft. _____ in.
(Kind & Spec. No.) (Min. of range specified)

Seams: Long _____ H.T.¹ _____ R.T. _____ Efficiency _____ %
(Welded, Bolted, Single) (Yes or No)

Girth _____ H.T.¹ _____ R.T. _____ No. of Courses _____

CAST 316 B/S SA351 Heads: (a) Material SEAM T.S. 70,000 (b) Material _____ T.S. _____ (c) Material _____ T.S. _____

Location	Thickness	Crown Radius	Kneukle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Convex or Concave)
(a) Top, bottom, ends	<u>2.50</u>	<u>7.00</u>						<u>CONCAVE</u>
(b) Channel								
(c) Floating								

ALLOY STL. SA193-B7

If removable, bolts used (a) 125,000 - 12 (b) _____ (c) _____ Other fastening _____ (Describe or attach sketch) (1) 4

Drop weight _____ Pneumatic _____
Charpy Impact _____ ft-lb Hydrostatic or _____ Test
Design pressure² 150 psi at 200 °F at temp. of _____ °F. Combination _____ Pressure 225 psi

¹ If Postweld Heat-Treated

FORM N-1 (back)

9-20007-01-21

Items below to be completed for all vessels where applicable.

15. Safety Valve Outlets: Number _____ Size _____ Location _____
16. Nozzles:
- | Purpose (Inlet, Outlet, Drain) | Number | Dis. or Size | Type | Material | Thickness | Reinforcement Material | How Attached |
|--------------------------------|--------|--------------|------|--------------|-----------|------------------------|--------------|
| SHELL IN & OUT | 2 | 1 1/2" P.T. | BOSS | CAST 316 S/S | - | - | INT. CAST |
| TUB IN & OUT | 2 | 1 1/2" P.T. | BOSS | CAST 316 S/S | - | - | INT. CAST |
17. Inspection Manholes, No. _____ Size _____ Location _____
 Openings: Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____
18. Supports: Skirt NO Lugs - Legs - Other FOOT Attached INT. WITH HUB
 (Yes or No) (Number) (Number) (Describe) (Where & How)
19. Remarks: LUBG OIL COOLER
SHELL SIDE IS COMMERCIAL CONSTRUCTION
NON-CODE

(Brief description of service for which vessel was designed)

CERTIFICATION OF DESIGN

Design information on file at AMERICAN STANDARD HEAT TRANSFER DIV. BUFFALO, N.Y.
 Stress analysis report on file at NOT APPLICABLE TO SECTION III CLASS 3 VESSEL
 Design specifications certified by WILBURN O. SHEPHERD Prof. Eng. State CAL. Reg. No. 11036
 Stress analysis report certified by _____ Prof. Eng. State _____ Reg. No. _____

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

Date DECEMBER 12 19 77 Signed TRANSFER DIVISION By R. R. Warner
 (Manufacturer) (Manager, Q.C.)

Certificate of authorization Expires 8/4/78 Certificate of Authorization No. 1164

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY AMERICAN STANDARD HEAT TRANSFER DIVISION at Buffalo, New York
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New York and employed by Royal Indemnity Company New York, New York
 have inspected the pressure vessel described in this Manufacturer's Data Report on DECEMBER 12 19 77, and state that to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code, Section III.
 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 DECEMBER 12 19 77
 Inspector's Signature P. E. Tuck Commissions NB# 7643 NY# 2685 FA# 2327 OHIO
 National 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 of _____ 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 ASME Code, Section III. The described vessel was inspected and subjected to a hydrostatic test and/or Pneumatic 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 _____ Commissions _____
 National Board, State, Province and No.

Form No. 822

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

1. Owner Duquesne Light Company
(Name)Date 09-07-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #042040

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

3. Work Performed By DLC - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Reactor Coolant (1)5. (a) Applicable Construction Code ASME III 1965 Edition, W'66 Addenda, 1429 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	1302	68-48	RC-E-1B	1971	Repaired	YES

7. Description of Work Machined cover, reinstalled bolts8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: Machined cover to remove steam cuts / pitting, magnetic particle inspected. Reinstalled
bolts removed under MWR#044101.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng Date Sept 7, 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 7/12/95 to 9/11/95, 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.

*Factory Mutual Engr. Assn.

Robert J. Cernock Commissions NB7509 (NISBS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 11, 19 95

Form No. 823

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

1. Owner Duquesne Light Company
(Name)Date 09-06-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #042190Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Q1)5. (a) Applicable Construction Code Section III 1965 Edition, W'66 Addenda, 1429 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	1303	68-47	RC-E-1C	1971	Repaired	YES

7. Description of Work Machined cover, reinstalled bolts8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Machined cover to remove steam cuts / pitting, magnetic particle inspected. Reinstalled
bolts removed under MWR#042027.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Norman F. Webb* Senior Eng Date SEPT. 7 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 7/12/95 to 9/12/95 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.

*Factory Mutual Engr. Assn.

Robert J. Cimorch Commissions NB 7509 (BNISS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 12 19 95

Form No. 829

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

1. Owner Duquesne Light Company Date 04-22-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #042485
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Safety Injection (Q2)
5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Velan	1025	N/A	MOV-SI -869B	N/A	Repaired	No
Disc	Velan	4633	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced valve Disc.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Date April 23, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 7/12/95 to 4/24/96 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.

Robert Cimoch Commissions NB 7509 (NIS BIS) PA 262
Inspector's Signature National Board, State, Province, and Endorsements

Date April 24, 1996

Form No. 830

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

1. Owner Duquesne Light Company
(Name)Date 09-07-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #044101Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCO - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Reactor Coolant (1)5. (a) Applicable Construction Code ASME III 1965 Edition, W'66 Addenda, 1429 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	1302	68-46	RC-E-1B	1971	Repaired	YES

7. Description of Work Replaced ten upper manway bolts with studs and injection capnuts8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Replaced ten bolts with studs and injection capnuts for leak repair of manway cover
gasket leak.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Norman J. White* Senior Eng. Date Sept. 7 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 7/27/95 to 9/11/95 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.

*Factory Mutual Engr. Assn.

Robert J. Cimoch Commissions NB 7509 (NISBS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT. 11 19 95

Form No. 832

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

1. Owner Duquesne Light Company Date 09-06-95
(Name)
One Oxford Centre - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #041376
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Component Cooling - Reactor (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Goodall	N/A	N/A	REJ-CC-16C	—	Replaced	No
Expansion Joint	Garlock	N/A	N/A	REJ-CC-16C	—	Replacement	No

7. Description of Work Replaced rubber expansion joint, studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: N/A

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng Date SEPT. 7 19 95
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 Arkwright Mutual Insurance Co.* of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 8/30/95 to 9/11/95, 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.

*Factory Mutual Engr. Assn.

[Signature] Commissions NB7509 (BISWS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date SEPT 11 19 95

Form No. 833

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

1. Owner Duquesne Light Company
(Name)Date 12-28-95One Oxford Centre - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #045094

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Component Cooling, Primary (Q3)5. (a) Applicable Construction Code Section VIII, 1968 Edition, Addenda, 1922 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Horizontal Heat Exch	Henry Vogt	18650	11793	CC-E-1B	1971	Repaired	No

7. Description of Work Plugged leaking tube8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Reports Available. PA Serial No. 434590. Plugged and seal welded.

Row 16 - Tube 7 (Tube still in place)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Engineer Date January 2, 1996
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 Arkwright Mutual Insurance Co. of Nonwood, Massachusetts have inspected the components described in the Owner's Report during the period 8/30/95 to 11/3/96, 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 NB7509 (NISBIS) PA. 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date JAN. 3 19 96

Tracking Number 837

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

1. Owner Duquesne Light Company Date 06/17/96
301 Grant St. Name
One Oxford Centre, Pgh., PA 15279 Address
 Sheet 1 of 2
2. Plant Beaver Valley Power Station, Unit 1 Unit No. 1
P. O. Box 4 Name
Shippingport, PA 15077 Address
DCP-1964
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Duquesne Light Company Type Code Symbol Stamp N/A
(See above) Name
 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Fuel Transfer Tube Blind Flange (Class 2)
5. (a) Applicable Construction Code ASME III 19 68 Edition, No Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 Edition,
 Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Fuel Transfer Tube Blind Flange	Westinghouse	N/A	N/A	N/A	1995	Replacement No (Modification)	

7. Description of Work Installed 1/2" Test Port on Face of Blind Flange.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 57 psi Test Temp. Ambient °F

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

FORM NIS-2 (Back)

9. Remarks Replacement performed by Duquesne Light Company.

Applicable Manufacturer's Data Reports to be attached

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 Per NPDAP 8.5, ASME XI, Repair/Replacement Program

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

Signed Carmen Mancuso Date June 17, 1995
Owner or Owner's Designee, Title (CMA)

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 ARKWRIGHT MUTUAL INS CO. of NORWOOD, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 7/13/94 to 11/15/95 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.

Robert Amos Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date July 2, 1996

Form No. 840

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

1. Owner Duquesne Light Company
(Name)Date 02-01-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #028358
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)

Authorization No. _____

Expiration Date _____

4. Identification of System Boron Recovery (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Pathway Bellows	—	N/A	MEJ-BR-9	—	Replaced	No
Expansion Joint	Senior Flexonics	V-0074	N/A	MEJ-BR-9	—	Replacement	No

7. Description of Work Replaced metal expansion joint.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Form available. Replacement was performed in accordance with
Code Case N-416-1 and as supplemented by the requirements of 12-07-94 letter from the
NRC granting relief, surface exams were performed on the root and final layer of weld.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Engineer Date February 1, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 10/17/96 to 2/2/96, 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: Robert Cimoch] Commissions NB7509(NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date FEB. 2 1996

Form No. 841

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

1. Owner Duquesne Light Company Date 05-13-96
(Name)

411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)

Shippingport, PA 15077 MWR #039685
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)

Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "

4. Identification of System Component Cooling, Reactor (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Butterfly Valve	Allis-Chalmers	N/A	N/A	CCR-250	N/A	Replaced	No
Butterfly Valve	A/C Services	11094	N/A	CCR-250	1995	Replacement	No

7. Description of Work Replaced valve.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Previous NIS-2 Form: No. 648. Replacement Valve
previously rebuilt under Purchase Order D130246.

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 per NPDPAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date May 15, 19 94
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 10/26/95 to 5/20/96, 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 NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 20 19 96

Form No. 843

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

1. Owner Duquesne Light Company Date 05-10-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #046421
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "

4. Identification of System Main Steam (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Crane	N/A	N/A	MS-80	1973	Repaired	No
Disc	Crane	C1324	N/A	Heat No. 3859-3	N/A	Replacement	No

7. Description of Work Replaced valve internals.

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

FORM NIS-2 (Back)

9. Remarks: Replaced valve disc, seat ring and hinge pin plug. No Code Data Report available. Previous
NIS-2 Forms for MS-80: #144 and #601.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior-Eng. Date May 15, 19 94
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 10/26/93 to 5/21/94, 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 NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 21 19 94

Form No. 848

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

1. Owner Duquesne Light Company Date 03-19-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #034154
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Chemical and Volume Control (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N/A	N/A	TCV-CH-143	N/A	Repaired	No

7. Description of Work Replaced flange bolts and nuts.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Form available.

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date March 26 19 96

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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 12/7/95 to 3/26/96 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.

Robert Amosch Commissions NB7509(BNISI)PH 2162

Date March 26 19 96

Form No. 854

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

1. Owner Duquesne Light Company Date 05-02-96
(Name)

411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)

Shippingport, PA 15077 MWR #045719
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo-Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)

Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Recirculation Spray (Class C)
5. (a) Applicable Construction Code Section III 1968 Edition, W'68 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	Industrial Process	6301-1	3179	RS-E-1A	1971	Repaired	Yes

7. Description of Work Seal welded diaphragms.
8. Tests Conducted ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Heat Exchanger was opened for eddy current inspection of the Tubes and normal maintenance
cleaning. Diaphragms were seal welded on reassembly.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 3 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 1/12/96 to 5/6/96 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.

Robert Cimoch Commissions NB 7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 6 19 96

Form No. 855

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

1. Owner Duquesne Light Company Date 04-30-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR No. 045720
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Recirculation Spray (Class C)
5. (a) Applicable Construction Code Section III, 1968 Edition, W'68 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	Industrial Process	6301-3	3181	RS-E-1C	1971	Repaired	Yes

7. Description of Work Seal welded diaphragms.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Heat Exchanger was opened for normal maintenance cleaning and Eddy Current inspection of
the tubes. New diaphragms were installed and seal welded.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date April 30, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 1/12/96 to 5/2/96 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.

Robert Amoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 2, 19 96

Form No. 860

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

1. Owner <u>Duquesne Light Company</u> <small>(Name)</small> <u>411 Seventh Avenue - Pittsburgh, PA 15279</u> <small>(Address)</small>	Date <u>05-02-96</u> Sheet <u>1</u> of <u>1</u>
2. Plant <u>Beaver Valley Power Station</u> <small>(Address)</small> <u>Shippingport, PA 15077</u> <small>(Address)</small>	Unit No. <u>1</u> <u>MWR #042205</u> <small>Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed By <u>DLCO - Maint. Programs</u> <small>(Name)</small> <u>Shippingport, PA 15077</u> <small>(Address)</small>	Type Code Symbol Stamp <u>Not Applicable</u> Authorization No. <u> </u> Expiration Date <u> </u>

4. Identification of System Safety Injection (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Crane	N/A	N/A	MOV-SI-863B	N/A	Replaced	No
Gate Valve	Anchor-Darling	EZ 536 -1-2	N/A	MOV-SI-863B	N/A	Replacement	No

7. Description of Work Replaced valve.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Valve was manufactured in accordance with ANSI B16.34-88

Replacement was performed in accordance with Code Case N-416-1, NDE was done to the requirements of

Section III 1992E

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Thomas J. White Senior Eng Date May 3, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 2/9/96 to 5/7/96, 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.

Robert Cimoch Commissions NB 7509 (NIBSIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 7, 19 96

Form No. 862

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

1. Owner Duquesne Light Company
(Name)Date 05-01-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #050820
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System River Water (Q3)5. (a) Applicable Construction Code B31.1 1987 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Mission	41730	N/A	RW-133	N/A	Replaced	No
Check Valve	C&S Valve	92-2019-01Q-01	N/A	RW-133	1992	Replacement	No

7. Description of Work Replaced valve.8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 94 psi Test Temp. 94 °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date May 2 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/15/96 to 5/3/96 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 NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 3 19 96

Form No. 863

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

1. Owner Duquesne Light Company
(Name)Date 05-01-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #050821

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System River Water (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Mission	41731	N/A	RW-134	N/A	Replaced	No
Check Valve	C&S Valve	94-2656-01Q-02	N/A	RW-134	1994	Replacement	No

7. Description of Work Replaced valve.8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 92 psi Test Temp. 69 °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Thomas J. White Senior Eng. Date May 2, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/15/96 to 5/13/96, 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.

Robert Cimoch Commissions NB7509(NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 3, 19 96

Form No. 867

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

1. Owner Duquesne Light Company Date 05-09-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #044343
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLC - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Feedwater (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Dresser	TE27783	N/A	RV-FW-155	N/A	Repaired	No
Disc	Dresser	ABR88	N/A	Heat No. A19763	N/A	Replacement	No

7. Description of Work Replaced valve disc.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior Eng. Date May 15, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/26/96 to 5/22/96, 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.

Robert Amos Commissions NB7509 (NIBSIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 22, 19 96

Form No. 869

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

1. Owner Duquesne Light Company
(Name)Date 04-30-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR Nos. 051111, 051911

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

3. Work Performed By DLCO - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)

Authorization No. _____

Expiration Date _____

4. Identification of System Chemical and Volume Control (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety/Relief Valve	Crosby	51382-M3	N/A	RV-CH-209	N/A	Repaired	No

7. Description of Work Removed valve, overhauled, and reinstalled.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. Replaced the nozzle, bellows, insert disc, and spindle.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Engr. Date May 2 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/26/96 to 5/3/96, 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 NB7509(NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 3 19 96

Form No. 870

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

1. Owner Duquesne Light Company
(Name)Date 04-26-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)047344, 047381, 047378, 049670, 045812, 045852,
MWR Nos. 049672, 049673, 047379 (See Remarks)

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)

Authorization No. _____

Expiration Date _____

4. Identification of System Safety Injection (Q1)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	VB-6803	N/A	SI-HSS-101	N/A	Replaced	No
Limit Stop	Grinnell	LS960018	N/A	SI-LST-101	N/A	Replacement	No
Snubber	Grinnell	8182	N/A	SI-HSS-103	N/A	Replaced	No
Limit Stop	Grinnell	LS960032	N/A	SI-LST-103	N/A	Replacement	No
Snubber	Grinnell	8407	N/A	SI-HSS-108	N/A	Replaced	No
Limit Stop	Grinnell	LS960005	N/A	SI-LST-108	N/A	Replacement	No
Snubber	Grinnell	8185	N/A	SI-HSS-118	N/A	Replaced	No
Limit Stop	Grinnell	LS960034	N/A	SI-LST-118	N/A	Replacement	No

7. Description of Work Removed snubbers or replaced with Limit Stops.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

- N/A

FORM NIS-2 (Back)

9. Remarks: Per TER 009928, snubbers were eliminated or replaced with Limit Stops. MWR Nos.

Continued: 047377, 045853, 045854, 049671. No Code Data Reports available.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior Eng Date May 14, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/22/96, 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 NB7509 (NIBSIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 22 19 96

Form No. 870

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

1. Owner Duquesne Light Company Date 04-26-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 2 of 2
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 047344, 047381, 047378, 049670, 045812, 045852,
(Address) MWR Nos. 049672, 049673, 047379 (See Remarks)
Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "
4. Identification of System Safety Injection (Q1)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	25486	N/A	SI-HSS-119	N/A	Replaced	No
Limit Stop	Grinnell	LS960018	N/A	SI-LST-112	N/A	Replacement	No
Snubber	Grinnell	25892	N/A	SI-HSS-309	N/A	Removed	No
Snubber	Grinnell	8783	N/A	SI-HSS-111	N/A	Replaced	No
Limit Stop	Grinnell	LS960037	N/A	SI-LST-111	N/A	Replacement	No
Snubber	Grinnell	V B. 7466	N/A	SI-HSS-102A	N/A	Removed	No
Snubber	Grinnell	8184	N/A	SI-HSS-110	N/A	Replaced	No
Limit Stop	Grinnell	LS960033	N/A	SI-LST-110	N/A	Replacement	No
Snubber	Grinnell	8406	N/A	SI-HSS-104	N/A	Replaced	No

FORM NIS-2 (Back)

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)
Limit Stop	Grinnell	LS960017	N/A	SI-LST-104	N/A	Replacement	No
Snubber	Grinnell	30534	N/A	SI-HSS-117	N/A	Replaced	No
Limit Stop	Grinnell	LS960038	N/A	SI-LST-117	N/A	Replacement	No
Snubber	Grinnell	V.B. 6822	N/A	SI-HSS-120	N/A	Replaced	No
Limit Stop	Grinnell	LS960019	N/A	SI-LST-120	N/A	Replacement	No
Snubber	Grinnell	1217	N/A	SI-HSS-102B	N/A	Removed	No

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. L. P.* Senior Eng. Date May 16, 19 96
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 Ari-wright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/22/96, 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.

Robert Amore Commissions NB 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 22, 19 96

Form No. 871

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

1. Owner Duquesne Light Company
(Name)Date 04-29-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)047361, 047372, 047383, 045810, 047357, 047362,
MWR Nos. 047371, 047355, (See Remarks)

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

3. Work Performed By DLC - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Recirculation Spray (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	11278	N/A	RS-HSS-206	N/A	Replaced	No
Limit Stop	Grinnell	LF980023	N/A	RS-LST-206	N/A	Replacement	No
Snubber	Grinnell	8770	N/A	RS-HSS-211	N/A	Replaced	No
Limit Stop	Grinnell	LS960027	N/A	RS-LST-211	N/A	Replacement	No
Snubber	Grinnell	8437	N/A	RS-HSS-224	N/A	Replaced	No
Limit Stop	Grinnell	LS960015	N/A	RS-LST-224	N/A	Replacement	No
Snubber	Grinnell	22171	N/A	RS-HSS-203	N/A	Removed	No
Snubber	Grinnell	8767	N/A	RS-HSS-210	N/A	Replaced	No

7. Description of Work Removed snubber or replaced with Limit Stop.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: Per TER 009928, removed (eliminated) snubbers or replaced with Limit Stops. No Code Data

Reports available.

MWR Nos. Continued: 047374, 047356, 047369, 047343, 047370, 047365, 047359, 047358, 047360, 047364.

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.

Type Code Symbol Stamp per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date May 13, 1996

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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/17/96 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 NB7509 (NISBIS) PA 2162

Date May 17, 1996

Form No. 871

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

1. Owner Duquesne Light Company
(Name)Date 04-29-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 2 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)047361, 047372, 047363, 045810, 047357, 047362,
MWR Nos. 047371, 047355, (See Remarks)Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo. Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Recirculation Spray (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Limit Stop	Grinnell	LS960026	N/A	RS-LST-210	N/A	Replacement	No
Snubber	Grinnell	11282	N/A	RS-HSS-225	N/A	Replaced	No
Limit Stop	Grinnell	LS960024	N/A	RS-LST-225	N/A	Replacement	No
Snubber	Grinnell	V.B. 70588	N/A	RS-HSS-214	N/A	Replaced	No
Limit Stop	Grinnell	LS960028	N/A	RS-LST-214	N/A	Replacement	No
Snubber	Grinnell	11284	N/A	RS-HSS-230	N/A	Removed	No
Snubber	Grinnell	11286	N/A	RS-HSS-230	N/A	Replaced	No
Limit Stop	Grinnell	LS960021	N/A	RS-LST-235	N/A	Replacement	No
Snubber	Grinnell	8171	N/A	RS-HSS-208	N/A	Replaced	No
Limit Stop	Grinnell	LS960022	N/A	RS-LST-205	N/A	Replacement	No
Snubber	Grinnell	8378	N/A	RS-HSS-222	N/A	Replaced	No
Limit Stop	Grinnell	LS960030	N/A	RS-LST-222	N/A	Replacement	No

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	8771	N/A	RS-HSS-213	N/A	Replaced	No
Limit Stop	Grinnell	LS960028	N/A	RS-LST-213	N/A	Replacement	No
Snubber	Grinnell	12159	N/A	RS-HSS-223	N/A	Replaced	No
Limit Stop	Grinnell	LS960031	N/A	RS-LST-223	N/A	Replacement	No
Snubber	Grinnell	8795	N/A	RS-HSS-216	N/A	Replaced	No
Limit Stop	Grinnell	LS960014	N/A	RS-LST-216	N/A	Replacement	No
Snubber	Grinnell	V.B. 8685B	N/A	RS-HSS-208	N/A	Replaced	No
Limit Stop	Grinnell	LS960020	N/A	RS-LST-208	N/A	Replacement	No
Snubber	Grinnell	V.B. 6789B	N/A	RS-HSS-207	N/A	Replaced	No
Limit Stop	Grinnell	LS960003	N/A	RS-LST-207	N/A	Replacement	No
Snubber	Grinnell	8433	N/A	RS-HSS-209	N/A	Replaced	No
Limit Stop	Grinnell	LS960004	N/A	RS-LST-209	N/A	Replacement	No
Snubber	Grinnell	V.B. 7233	N/A	RS-HSS-215	N/A	Replaced	No
Limit Stop	Grinnell	LS960013	N/A	RS-LST-215	N/A	Replacement	No

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.

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Donna J. White Date May 13 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/17/96 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.

Robert C. Covich Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date MAY 17 1996

Form No. 872

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

1. Owner Duquesne Light Company
(Name)Date 04-26-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #047396, 047347

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Chemical and Volume Control (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	22164	N/A	CH-HSS-311	N/A	Removed	No
Snubber	Grinnell	8385	N/A	CH-HSS-305	N/A	Removed	No

7. Description of Work Eliminated snubbers.

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

FORM NIS-2 (Back)

9. Remarks: Snubbers were removed and eliminated per TER 009928. No Code Data Reports available.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date April 29, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/1/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 1, 19 96

Form No. 873

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

1. Owner Duquesne Light Company
(Name)Date 04-29-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR Nos.: 045820, 047391Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Quench Spray (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	12157	N/A	QS-PSSP-501	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	QS-PSST-501	N/A	Replacement	No
Snubber	Grinnell	9207	N/A	QS-HSS-504	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	QS-PSST-504	N/A	Replacement	No

7. Description of Work Replaced snubbers with struts.

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

FORM NIS-2 (Back)

9. Remarks: Replaced snubbers with struts per TER 009928. No Code Data Forms available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Donna F. White* Senior Eng Date April 30 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/2/96 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.

Robert Amoch Commissions NB 7509 (NISBIS) PA 2182
Inspector's Signature National Board, State, Province, and Endorsements

Date May 2 19 96

Form No. 874

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

1. Owner Duquesne Light Company
(Name)Date 04-25-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR Nos. 049669, 045817, 045816

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Component Cooling, Reactor (Q3)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	8365	N/A	CC-HSS-404A	N/A	Replaced	No
Limit Stop	Grinnell	LS960035	N/A	CC-LST-404A	N/A	Replacement	No
Snubber	Grinnell	8367	N/A	CC-HSS-405B	N/A	Replaced	No
Limit Stop	Grinnell	LS960025	N/A	CC-LST-405B	N/A	Replacement	No
Snubber	Grinnell	8366	N/A	CC-HSS-405A	N/A	Replaced	No
Limit Stop	Grinnell	LS960038	N/A	CC-LST-405A	N/A	Replacement	No

7. Description of Work Removed snubbers and replaced with limit stops.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F
N/A

FORM NIS-2 (Back)

9. Remarks: Snubbers were replaced per TER-009928. No Code Data Reports available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert A. White* Senior Eng. Date April 29, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/1/96, 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.

Robert Amock Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 1, 19 96

Form No. 875

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

1. Owner Duquesne Light Company
(Name)Date 04-29-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)045807, 047353, 047354, 045821, 047351, 047352,
MWR Nos. 045822, 045823, (See Remarks)

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Q1)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	V.B. 6757	N/A	RC-HSS-7	N/A	Replaced	No
Limit Stop	Grinnell	LS960008	N/A	RC-LST-7	N/A	Replacement	No
Snubber	Grinnell	25924	N/A	RC-HSS-8	N/A	Replaced	No
Limit Stop	Grinnell	LS960002	N/A	RC-LST-8	N/A	Replacement	No
Snubber	Grinnell	V.B. 7286B	N/A	RC-HSS-9	N/A	Replaced	No
Limit Stop	Grinnell	LS960001	N/A	RC-LST-9	N/A	Replacement	No

7. Description of Work Removed Snubber or replaced with Limit Stop.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: Per TER 009928, removed (eliminated) snubbers or replaced with Limit Stops. No Code Data

Reports available.

MWR Nos. Continued: 047350, 047342.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 13, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/16/96, 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.

Robert Cimoch Commissions NB 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 16, 19 96

Form No. 875

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

1. Owner Duquesne Light Company
(Name)Date 04-29-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 2 of 22. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)045807, 047353, 047354, 045821, 047351, 047352,
MWR Nos. 045822, 045823, (See Remarks)
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCO - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Reactor Coolant (Q1)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	9079	N/A	RC-HSS-10	N/A	Replaced	No
Limit Stop	Grinnell	LS960009	N/A	RC-LST-10	N/A	Replacement	No
Snubber	Grinnell	V.B. 7461	N/A	RC-HSS-11	N/A	Replaced	No
Limit Stop	Grinnell	LS960010	N/A	RC-LST-11	N/A	Replacement	No
Snubber	Grinnell	22175	N/A	RC-HSS-12	N/A	Replaced	No
Limit Stop	Grinnell	LS960011	N/A	RC-LST-12	N/A	Replacement	No

FORM NIS-2 (Back)

6. Identification of Components Repaired or Replaced and Replacement Components

Snubber	Grinnell	V.B. 7224B	N/A	RC-HSS-13	N/A	Removed	No
Snubber	Grinnell	22185	N/A	RC-HSS-5	N/A	Replaced	No
Limit Stop	Grinnell	LS960006	N/A	RC-LST-5	N/A	Replacement	No
Snubber	Grinnell	V.B. 7295	N/A	RC-HSS-6	N/A	Replaced	No
Limit Stop	Grinnell	LS960007	N/A	RC-LST-6	N/A	Replacement	No
Snubber	Grinnell	9083	N/A	RC-HSS-14	N/A	Replaced	No
Limit Stop	Grinnell	LS960012	N/A	RC-LST-14	N/A	Replacement	No

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert Cimoch* Senior Eng. Date May 13, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/16/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 16, 19 96

Form No. 876

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

1. Owner Duquesne Light Company Date 04-30-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 047390, 045819,
(Address) MWR Nos. 045818, 047389, 047341
Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Fuel Pool Cooling (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Grinnell	V.B. 30093	N/A	FC-HSS-202	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	FC-PSST-202	N/A	Replacement	No
Snubber	Grinnell	8827	N/A	FC-HSS-204	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	FC-PSST-204	N/A	Replacement	No
Snubber	Grinnell	25922	N/A	FC-HSS-205	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	FC-PSST-205	N/A	Replacement	No
Snubber	Grinnell	25919	N/A	FC-HSS-206	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	FC-PSST-206	N/A	Replacement	No
Snubber	Grinnell	22179	N/A	FC-HSS-203	N/A	Replaced	No
Strut	Grinnell	N/A	N/A	FC-PSST-203	N/A	Replacement	No

7. Description of Work Replaced snubbers with struts.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure psi Test Temp. °F - N/A

FORM NIS-2 (Back)

9. Remarks: Replaced snubbers with struts per TER 009928. No Code Data Reports available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. Wilk* Senior Eng. Date May 2, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/6/96, 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.

Robert Cimoch Commissions NB7509(NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 6, 19 96

Form No. 877

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

1. Owner Duquesne Light Company Date 06-06-96
(NAME)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(ADDRESS)

2. Plant Beaver Valley Power Station Unit No. 1
(ADDRESS)
Shippingport, PA 15077 MWR #051489
(ADDRESS) REPAIR ORGANIZATION P.O. NO., USE NO., 402.

3. Work Performed By DLCO - Maint. Programs Type Code Symbol Stamp Not Applicable
(NAME)
Shippingport, PA 15077 Authorization No.
(ADDRESS) Expiration Date

4. Identification of System Quench Spray (Q3)

5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	Stone and Webster	H-406	N/A	MK-QS-R-406	N/A	Repaired	No

7. Description of Work Removed and reinstalled to support valve replacement.

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

FORM NIS-2 (Back)

9. Remarks No Code Data Report available. Support was removed to support MOV-SI-863B replacement
and then reinstalled

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert White* Senior Eng Date June 10 19 96
Owner or Owner's Designer, 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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/4/96 to 6/12/96 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.

Robert Cimino Commissions NR7509 (NIBSIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date June 12 19 96

Form No. 878

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

1. Owner Duquesne Light Company Date 05-13-96
(Name)
- 411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
- Shippingport, PA 15077 MWR #046413
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By D.L.Co - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
- Shippingport, PA 15077 Authorization No.
(Address) Expiration Date
4. Identification of System Water Treating (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Pacific	N/A	N/A	WT-387	N/A	Replaced	No
Check Valve	Anchor Darling	ET506-1-3	N/A	WT-387	1993	Replacement	No

7. Description of Work Replaced valve.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Valve was manufactured to ANSI B16.34.

Previous NIS-2 Form: No. 477.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Senior Eng. Date May 15, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/6/96 to 5/21/96, 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.

Robert Cimoch Commissions NB 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 21, 19 96

Form No. 879

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

1. Owner Duquesne Light Company
(Name)Date 05-02-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #032509
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo-Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No.
Expiration Date 4. Identification of System Chemical and Volume Control (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Velan	N/A	N/A	MOV-CH-373	N/A	Repaired	No

7. Description of Work Replaced disc and yoke8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Valve yoke was replaced in accordance with TER 009211.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng Date May 3 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/6/96 to 5/7/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 7 19 96

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

1. Owner Duquesne Light CompanyDate 06-03-96411 Seventh Avenue - Pittsburgh, PA 15279Sheet 1 of 12. Plant Beaver Valley Power StationUnit No. 1Shippingport, PA 15077Westinghouse P.O. #D145473MWR #044568, 0445693. Work Performed By DLCo - NED/ISIType Code Symbol Stamp Not ApplicableShippingport, PA 15077Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1965 Edition, W'66 Addenda, 1429 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S 83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	Westinghouse	1301	68-45	RC-E-1A	1971	Repair	Yes

7. Description of Work Replaced stud on manway cover and removed Tube plugs.Installed 164 new tube plugs. Replaced 91 tube plugs.

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

FORM NIS-2 (Back)

9. Remarks Installed 164 new tube plugs. Replaced 91 tube plugs. Returned 86 tubes to service
implementing Generic Letter 95-05. Repaired 2 J-tubes (weld build-up) PA 434597

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Harry Alberti* ISI Coordinator Date 5 June 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/8/96 to 6/7/96 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date June 7 19 96

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

1. Owner Duquesne Light Company Date 06-03-86
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Name)
Shippingport, PA 15077 Westinghouse P.O. #D145473
(Address) MWR #044574
(Repair Organization P.O. No., Job No., etc.)
 3. Work Performed By DLCo - NED/ISI Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Reactor Coolant (Q1)
5. (a) Applicable Construction Code Section III 1965 Edition, W'66 Addenda, 1429 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	Westinghouse	1302	68-46	RC-E-1B	1971	Repair	Yes

7. Description of Work Installed 220 new tube plugs. Replaced 58 tube plugs. Installed 1 weld plug
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: Installed 220 new tube plugs. Replaced 58 tube plugs. Returned 88 tubes to service
implementing Generic Letter 95-05. Pulled 1 tube for lab analysis. Installed 1 welded plug. PA 434598

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDPAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Gary Alberti ISI Coordinator Date 5 June 19 96
Inspector 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 Arkwright Mutual Insurance Co. of Northwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/8/96 to 6/7/96 and state that to the best of my knowledge and belief, the Owner has completed 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.

Robert Amore Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date June 7 19 96

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

1. Owner Duquesne Light Company Date 06-03-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Name)
Shippingport, PA 15077 Westinghouse P.O. #D145473
(Address) MWR #044577
(Repair Organization P.O. No., Job No., etc.)

3. Work Performed By DLCo - NED/ISI Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. -
(Address) Expiration Date -

4. Identification of System Reactor Coolant (Q1)
5. (a) Applicable Construction Code Section III, 1965 Edition, W'66 Addenda 1429 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heat Exchanger	Westinghouse	1303	68-47	RC-E-1C	1971	Repair	Yes

7. Description of Work Installed 100 new tube plugs. Replaced 68 tube plugs. Installed 3 weld plugs.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9 Remarks: Installed 100 new tube plugs. Replaced 68 tube plugs. Returned 170 tubes to service
implementing Generic Letter 95-05. Pulled 3 tubes for lab analysis. Installed 3 welded plugs. PA 434599

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDA 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Harry Alberti ISI Coordinator Date 5 June 19 96
Inspector 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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/8/96 to 6/6/96 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.

Robert Amock Commissions NB 7509 (BISNIS) PA 2162
Inspector's Signature NATIONAL BOARD, STATE, PROVINCE, AND COUNTRY

Date June 6 19 96

Form No. 884

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

1. Owner Duquesne Light Company
(Name)Date 05-02-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #051262

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

3. Work Performed By DLCo-Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Component Cooling, Reactor (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Masoneilan	H-49378-173	N/A	TV-CC-107E1	N/A	Repaired	No

7. Description of Work Replaced valve internals8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Replaced valve stem, plug and seat ring.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 3, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/16/96 to 5/6/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 6 19 96

Form No. 885

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

1. Owner Duquesne Light Company Date 05-02-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
 2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #045558
(Address) Repair Organization P.O. No., Job No., etc.
 3. Work Performed By DLCo-Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____

4. Identification of System Component Cooling, Reactor (Q3)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Masoneilan	H-49378-145-1	N/A	TV-CC-107A	N/A	Repaired	No

7. Description of Work Replaced valve internals
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Replaced valve stem, plug and seat.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 3 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/2/96 to 5/6/96, 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.

Robert Amos Commissions NB7509 (VISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 6 19 96

Form No. 886

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

1. Owner Duquesne Light Company
(Name)Date 05-10-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #052233
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Class 2)5. (a) Applicable Construction Code Section III 1974 Edition, S'78 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board Nr.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	Schneider Power	N/A	N/A	PS-3	1982	Repaired	Yes
Support	Schneider Power	N/A	N/A	PS-6	1982	Repaired	Yes
Support	Schneider Power	N/A	N/A	PS-15	1982	Removed	Yes

7. Description of Work Modified or removed three (3) pipe supports.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: An Engineering evaluation on line No. 1" RC-166-1502-Q2 determined that three (3) pipe
supports required modification. A lateral restraint was removed from support PS-3, both lateral
restraints were removed from support PS-6, and support PS-15 was cut completely away from the pipe.
No original Code Data Reports are available.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. Wite* Senior Eng. Date May 22, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/24/96 to 5/23/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 22, 19 96

Form No. 887

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

1. Owner Duquesne Light Company
(Name)Date 05-13-98111 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #045793

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen-Patterson	69294-32		RC-HC-9B	N/A	Replaced	No
Snubber	Bergen-Patterson	68284-19	N/A	RC-HC-9B	N/A	Replacement	No

7. Description of Work Replaced snubber.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Robert Cimoch* Senic-Eng. Date May 15, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/20/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 20 1996

Form No. 888

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

1. Owner Duquesne Light Company
(Name)Date 05-13-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #045794
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Reactor Coolant (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, --- Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen-Patterson	N/A	N/A	RC-HC-10B	N/A	Replaced	No
Snubber	Bergen-Patterson	68284-2	N/A	RC-HC-10B	N/A	Replacement	No

7. Description of Work Replaced snubber.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 15, 19 96
Owner or Owner's Designer, 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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/20/96 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.

Robert J. Cimoch Commissions NB 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 20, 19 96

Form No. 889

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

1. Owner Duquesne Light Company
(Name)Date 05-02-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #045795
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCo-Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Reactor Coolant (Q1)5. (a) Applicable Construction Code B31.1 1987 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen-Patterson	68284-27	N/A	RC-HC-12C	N/A	Replaced	No
Snubber	Bergen-Patterson	68284-21	N/A	RC-HC-12C	N/A	Replacement	No

7. Description of Work Replaced snubber with spare8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

- N/A

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *James J. White* *Senior Eng.* Date *May 6*, 19 *96*
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/26/96 to 5/7/96, 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.

Robert C. Smith Commissions *NB7509 (NISBIS) PA2162*
Inspector's Signature National Board, State, Province, and Endorsements

Date *May 7*, 19 *96*

Form No. 890

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

1. Owner Duquesne Light Company Date 04-26-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #047383
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No.
(Address) Expiration Date

4. Identification of System Safety Injection (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	ITT Grinnell	12179	N/A	SI-HSS-512A	N/A	Replaced	No
Snubber	ITT Grinnell	25922	N/A	SI-HSS-512A	N/A	Replacement	No

7. Description of Work Replaced snubber with a spare.

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

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Engineer Date April 29, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/1/96, 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.

Robert Cimoch Commissions NB 7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 1, 19 96

Form No. 891

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

1. Owner Duquesne Light Company Date 05-13-96
(Name)

411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)

2. Plant Beaver Valley Power Station Unit No. 1
(Address)

Shippingport, PA 15077 MWR #045800
(Address) Repair Organization P.O. No., Job No., etc.

3. Work Performed By DLCO - Maint. Programs ATF Type Code Symbol Stamp Not Applicable
(Name)

Shippingport, PA 15077 Authorization No. "
(Address) Expiration Date "

4. Identification of System Steam Generator Blow Down (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	24335	N/A	WGCB-PSSP-46G	N/A	Replaced	No
Snubber	Pacific Scientific	20931	N/A	WGCB-PSSP-46G	N/A	Replacement	No

7. Description of Work Replaced snubber with spare.

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

- N/A

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed Norman F. L. De Senior Eng. Date May 15 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 3/28/96 to 5/21/96, 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.

Robert Amosch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 21 19 96

Form No. 892

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

1. Owner Duquesne Light Company

(Name)

Date 05-16-96411 Seventh Avenue - Pittsburgh, PA 15279

(Address)

Sheet 1 of 12. Plant Beaver Valley Power Station

(Address)

Unit No. 1Shippingport, PA 15077

(Address)

MWR #051639

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

3. Work Performed By DLCo - Maint. Programs

(Name)

Type Code Symbol Stamp Not ApplicableShippingport, PA 15077

(Address)

Authorization No. "Expiration Date "4. Identification of System Reactor Coolant (Q1)

5. (a) Applicable Construction Code Section III 1968 Edition, S'68 Addenda, --- Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Relief Valve	Target Rock	3	N/A	RV-RC-551A	1973	Repaired	Yes

7. Description of Work Machined main stem shoulder and disc seat to correct leakage.

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

FORM NIS-2 (Back)

9. Remarks: Machined .030" from the main stem shoulder and .004" from disc seat.

No Code Data Report available.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior Eng. Date May 17, 19 96
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/19/96 to 5/20/96, 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 NB7504 (NISBIS) PA 2182
Inspector's Signature National Board, State, Province, and Endorsements

Date May 20, 19 96

Form No. 895

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

1. Owner Duquesne Light Company
(Name)Date 05-13-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #052628

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

3. Work Performed By DLCo - Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. Expiration Date 4. Identification of System Quench Spray (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Pacific	179017	N/A	MOV-QS -101A	N/A	Repaired	No

7. Description of Work Machined valve disc.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Machined .008" off of disc.

Previous NIS-2 Form: No. 734.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *Thomas J. White* Senior Eng. Date May 15, 1996
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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/1/96 to 5/20/96, 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 20, 1996

Form No. 896

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

1. Owner Duquesne Light Company
(Name)Date 05-02-96411 Seventh Avenue - Pittsburgh, PA 15279
(Address)Sheet 1 of 12. Plant Beaver Valley Power Station
(Address)Unit No. 1Shippingport, PA 15077
(Address)MWR #039105
Repair Organization P.O. No., Job No., etc.3. Work Performed By DLCO-Maint. Programs
(Name)Type Code Symbol Stamp Not ApplicableShippingport, PA 15077
(Address)Authorization No. "Expiration Date "4. Identification of System Component Cooling, Reactor (Q2)5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Masonellian	H-49378-144	N/A	TV-CC-105E1	N/A	Repaired	No

7. Description of Work Replaced valve internals8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available. Replaced valve stem, plug and seat ring.

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 per NPDAP 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed *[Signature]* Senior Eng. Date May 3, 19 96
Owner or Owner's Designee, (ICR)

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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 4/24/96 to 5/7/96, 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 NB750(NISBIS)PA2162
Inspector's Signature National Board, State, Province, and Endorsements

Date May 7, 19 96

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

1. Owner Duquesne Light Company Date 06-06-96
(Name)
411 Seventh Avenue - Pittsburgh, PA 15279 Sheet 1 of 1
(Address)
2. Plant Beaver Valley Power Station Unit No. 1
(Address)
Shippingport, PA 15077 MWR #052715
(Address) Repair Organization P.O. No., Job No., etc.
3. Work Performed By DLCo - Maint. Programs Type Code Symbol Stamp Not Applicable
(Name)
Shippingport, PA 15077 Authorization No. _____
(Address) Expiration Date _____
4. Identification of System Chemical and Volume Control (Q2)
5. (a) Applicable Construction Code B31.1 1967 Edition, S'71 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983E-S'83A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Velan	N/A	N/A	CH-24	N/A	Repaired	No

7. Description of Work Replaced valve disc.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks: No Code Data Report available

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 per NPDA 8.5 "ASME Section XI Repair/Replacement Program"

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

Signed [Signature] Savior Eng Date June 10 19 96
Owner or Owner's Designee

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 Arkwright Mutual Insurance Co. of Norwood, Massachusetts have inspected the components described in the Owner's Report during the period 5/15/96 to 6/12/96 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.

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
Inspector's Signature National Board, State, Province, and Jurisdictions

Date June 12 19 96

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

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279

Date 06/11/96
Sheet 1 of 7

2. Plant Beaver Valley Power Station
Shippingport, PA 15077

Unit BVPS Unit 1
Design Change Package 2173

3. Work Performed by Duquesne Light Company
Shippingport, PA 15077

Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
Expiration Date Not Applicable

4. Identification of System River Water System

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>See attached Sheets for detailed information</u>							

7. Description of work Replacement of carbon steel pipe and valves with alloy pipe and stainless steel valves.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 94* psi Test Temp. <250 °F

* Both Trains hydrostatically tested at the same test pressure

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

FORM NIS-2 (Back)

9. Remarks Modification has been performed by Duquesne Light Company for Replacement
Applicable Manufacturer's Data Reports to be attached
of listed piping and valves.

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 Per NGAM 8.5 ASME XI Repair/Replacement Program

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

Signed Jeffrey Maccechia SENIOR ENGINEER Date June 11, 19 96
Inspector 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 Arkwright Mutual Insurance Co. of
Norwood, Massachusetts have inspected the components described
 in this Owner's Report during the period 11/22/95 to 6/12/96 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.

Robert Cimoch
 Inspector's Signature

Commissions NB 7509 (NISBIS) PA 2182
National Board, State, Province, and Endorsements

Date June 12 19 96

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/11/96Sheet 2 of 7Unit BVPS Unit 1Design Change Package 2173Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(Old Line Numbers, Valves, & 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)
PIPE	N/A	N/A	N/A	3" WR-45-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-54-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-56-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-58-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-59-151-Q3	N/A	REMOVED	NO
PIPE	N/A	NA	N/A	PORTIONS OF 6" WR-43-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	PORTIONS OF 6" WR-55-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-60-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-106-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-108-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-109-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-110-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	PORTIONS OF 6" WR-53-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	1 1/2" WR-543-151-Q3	N/A	REMOVED	NO

Date June 11, 1996Signed [Signature] by DUQUESNE LIGHT CO.Date June 12, 1996

Robert Cimoch
 (Inspector)

Commissions NB 7509 (NISBIS) PA 2162
 (Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/11/96
 Sheet 3 of 7
 Unit BVPS Unit 1
 Design Change Package 2173
 Type Code Symbol Stamp Not Applicable
 Authorization No. Not Applicable
 Expiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(Old Line Numbers, Valves, & Components)

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	N/A	N/A	N/A	RW-137	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-138	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-139	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-142	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-143	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-144	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-145	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-150	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-151	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-152	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-153	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-760	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-567	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-568	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-570	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-571	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-550	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-551	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-569	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-572	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-573	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-421	N/A	REMOVED	NO

Date June 11, 1996Signed [Signature] by DUQUESNE LIGHT CO.Date June 12, 1996Robert Amosch

(Inspector)

Commissions NB7509 (NISBIS) PA 2162

(Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077

Date 06/11/96
 Sheet 4 of 7
 Unit BVPS Unit 1
Design Change Package 2173

Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

4. Identification of System River Water System

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(New line Numbers, Valves, and 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)
PIPE	N/A	N/A	N/A	3" WR-45-157W-Q3	N/A	REPAIR	NO
PIPE	N/A	N/A	N/A	3" WR-54-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-56-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-58-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-59-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	PORTIONS OF 6" WR-43-151-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	PORTIONS OF 6" WR-55-151-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-60-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-106-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-108-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-109-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-110-157W-Q3	N/A	REPLACEMENT	NO

Date June 11, 1996Signed [Signature] by DUQUESNE LIGHT CO.Date June 12, 1996

Robert Cimoch Commissions NB 7509 (NISBIS) PA 2162
 (Inspector) (Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/11/96
 Sheet 5 of 7
 Unit BVPS Unit 1
 Design Change Package 2173
 Type Code Symbol Stamp Not Applicable
 Authorization No. Not Applicable
 Expiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(New line Numbers, Valves, and 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)
PIPE	N/A	N/A	N/A	PORTIONS OF 6" WR-53-151-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1 1/2" WR-543-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1" WR-721-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1" WR-722-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1" WR-723-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1 1/4" WR-724-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1 1/4" WR-725-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1 1/4" WR-726-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1 1/4" WR-727-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1" WR-728-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	1" WR-729-157W-Q3	N/A	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-9	N/A	RW-137	N/A	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-11	N/A	RW-138	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-3	N/A	RW-139	1995	REPLACEMENT	NO

Date June 11, 1996

Signed

by DUQUESNE LIGHT CO.

Date

June 12, 1996Robert Cimoch

Commissions

NB 7509 (NISBIS) PA 2162

(Inspector)

(Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/11/96
 Sheet 6 of 7
 Unit BVPS Unit 1
 Design Change Package 2173

Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

5. (a) Applicable Construction Code ASME B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(New line Numbers, Valves, and Components)

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	ANCHOR/DARLING	EZ603-1-7	N/A	RW-142	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-4	N/A	RW-143	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-6	N/A	RW-144	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-5	N/A	RW-145	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-8	N/A	RW-150	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-10	N/A	RW-151	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-1	N/A	RW-152	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-1-2	N/A	RW-153	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-2-1	N/A	RW-760	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-3-1	N/A	RW-567	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-3-2	N/A	RW-568	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-3-3	N/A	RW-570	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-3-4	N/A	RW-571	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-4-1	N/A	RW-550	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ603-4-5	N/A	RW-551	1995	REPLACEMENT	NO

Date June 11, 1996

Signed

by

DUQUESNE LIGHT CO.

Date

June 12, 1996Robert Cimoch

Commissions

NB7509 (NISBIS) PA. 2162

(Inspector)

(Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/11/96
 Sheet 7 of 7
 Unit BVPS Unit 1
 Design Change Package 2173

Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components

(New line Numbers, Valves, and Components)

VALVE	ANCHOR/ DARLING	EZ603-4-3	N/A	RW-569	1995	REPLACEMENT	NO
VALVE	ANCHOR/ DARLING	EZ603-4-4	N/A	RW-572	1995	REPLACEMENT	NO
VALVE	ANCHOR/ DARLING	EZ603-4-2	N/A	RW-573	1995	REPLACEMENT	NO
VALVE	ANCHOR/ DARLING	EZ643-1-3	N/A	RW-421	1995	REPLACEMENT	NO

Date June 11, 1996Signed *Jeffrey M. ...* by Duquesne Light Co.Date June 12, 1996

Robert Cernoch Commissions NB 7509 (NISBIS) PA-2162
 (Inspector) (Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279

Date 06/12/96
 Sheet 1 of 5

2. Plant Beaver Valley Power Station
Shippingport, PA 15077

Unit BVPS Unit 1
Design Change Package 2151

3. Work Performed by Duquesne Light Company
Shippingport, PA 15077

Type Code Symbol Stamp Not Applicable

Authorization No. Not Applicable

Expiration Date Not Applicable

4. Identification of System River Water System

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>See attached Sheets for detailed information</u>							

7. Description of work Replacement of carbon steel pipe and valves with alloy pipe and stainless steel valves.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 94 psi Test Temp. <250 °F

* Both Trains hydrostatically tested at the same test pressure

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

FORM NIS-2 (Back)

9. Remarks Modification has been performed by Duquesne Light Company for replacement
of listed piping and valves.
Applicable Manufacturer's Data Reports to be attached

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 per NGAM 8.5 ASME XI Repair/Replacement Program

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

Signed James Anderson, SENIOR ENGINEER Date JUNE 12, 19 96
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 Arkwright Mutual Insurance Company of
Norwood, Massachusetts

have inspected the components described
 in this Owner's Report during the period 10/27/95 to 6/27/96 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.

Robert Cimoch
 Inspector's Signature

Commissions NB7509 (NISBIS) PA2162
 National Board, State, Province, and Endorsements

Date June 27, 19 96

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/12/96
 Sheet 2 of 5
 Unit BVPS Unit 1
Design Change Package 2151
 Type Code Symbol Stamp Not Applicable
 Authorization No. Not Applicable
 Expiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

(Old Line Numbers, Valves, & 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)
PIPE	N/A	N/A	N/A	3" WR-44-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-52-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	3" WR-57-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-46-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-47-151-Q3	N/A	REMOVED	NO
PIPE	N/A	NA	N/A	2" WR-48-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-49-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-50-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-51-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-70-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-71-151-Q3	N/A	REMOVED	NO
PIPE	N/A	N/A	N/A	2" WR-72-151-Q3	N/A	REMOVED	NO

Date JUNE 12, 1996 Signed James Robinson by DUQUESNE LIGHT CO.

Date JUNE 27, 1996
Robert Amock Commissions NB 7509 (NISBIS) PA 2162
 (Inspector) (Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/12/96
 Sheet 3 of 5
 Unit BVPS Unit 1
 Design Change Package 2151
 Type Code Symbol Stamp Not Applicable
 Authorization No. Not Applicable
 Expiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

(Old Line Numbers, Valves, & Components)

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	N/A	N/A	N/A	RW-156	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-157	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-160	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-161	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-162	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-163	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-164	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-165	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-422	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-423	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-427	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-428	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-172	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-173	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-174	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-424	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-426	N/A	REMOVED	NO
VALVE	N/A	N/A	N/A	RW-429	N/A	REMOVED	NO

Date JUNE 12, 1996 Signed James Redman by Duquesne Light Co.

Date June 27, 1996

Robert Cimoch Commissions NB7509 (NISBIS) PA 2162
 (Inspector) (Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/12/96
 Sheet 4 of 5
 Unit BVPS Unit 1
Design Change Package 2151

Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

(New Line Numbers, Valves, & 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)
PIPE	N/A	N/A	N/A	3" WR-44-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-52-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	3" WR-57-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-46-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-47-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	NA	N/A	2" WR-48-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-49-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-50-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-51-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-70-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-71-157W-Q3	N/A	REPLACEMENT	NO
PIPE	N/A	N/A	N/A	2" WR-72-157W-Q3	N/A	REPLACEMENT	NO

Date June 12, 1996Signed James Anderson by Duquesne Light Co.Date June 27, 1996Robert Amock

(Inspector)

Commissions NB7509 (NISBIS) PA 2102

(Nat'l Board, State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Duquesne Light Company
One Oxford Centre, Pittsburgh, PA 15279
2. Plant Beaver Valley Power Station
Shippingport, PA 15077
3. Work Performed by Duquesne Light Company
Shippingport, PA 15077
4. Identification of System River Water System

Date 06/12/96
 Sheet 5 of 5
 Unit BVPS Unit 1
Design Change Package 2151

Type Code Symbol Stamp Not ApplicableAuthorization No. Not ApplicableExpiration Date Not Applicable

5. (a) Applicable Construction Code ANSI B31.1.0 1967 Edition, Summer Addenda, none Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 Ed. Summer 83 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

(New Line Numbers, Valves, & Components)

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	ANCHOR/DARLING	E263 J-1-2	N/A	RW-156	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	E2635-1-1	N/A	RW-157	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2393-001	N/A	RW-160	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ632-1-4	N/A	RW-161	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	EZ632-1-2	N/A	RW-162	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2393-002	N/A	RW-163	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2393-003	N/A	RW-164	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2393-004	N/A	RW-165	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2076-002	N/A	RW-422	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	V2076-001	N/A	RW-423	1995	REPLACEMENT	NO
VALVE	ANCHOR/DARLING	89029-1-1	N/A	RW-427	1995	REPLACEMENT	NO
VALVE	NELES-JAMESBURY	DS78192-02	N/A	RW-172	1995	REPLACEMENT	NO
VALVE	NELES-JAMESBURY	DS78192-03	N/A	RW-173	1995	REPLACEMENT	NO
VALVE	NELES-JAMESBURY	DS78192-01	N/A	RW-174	1995	REPLACEMENT	NO

Date June 12, 1996 Signed James Anderson by Duquesne Light Co.

Date June 27, 1996
Robert Cimoch Commissions NB 7509 (NISBIS) PA 2102
 (Inspector) (Nat'l Board, State, Prov. and No.)