

INSERVICE INSPECTION REPORT

BEAVER VALLEY POWER STATION UNIT 1

Outage 6 Year 1987-88

Inspection Period from 8/27/86 to 2/26/88

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

NRC Docket Number: 50-334

Reactor Supplier: Westinghouse Electric Corporation
Gross Generating Capability: 852 Mw
Commercial Service Date: October 1, 1976

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

1. Owner Duquesne Light Company, 435 Sixth Avenue, Pittsburgh, PA 15219
(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 - 856MW 4. Owner Certificate of Authorization (if required) 26-05000*
5. Commercial Service Date 9/30/76 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	69103	B105642	21011
Reactor Vessel Closure Head	Combustion Engineering	69203	N/A	21011
Pressurizer	Westinghouse	1311	434676	68-50
Steam Generators	Westinghouse			
Loop 1		1301	434597	68-45
Loop 2		1302	434598	68-46
Loop 3		1303	434599	68-47
Reactor Coolant Pumps	Westinghouse		N/A	N/A
Loop 1		1-618J931G01	N/A	N/A
Loop 2		2-618J931G01	N/A	N/A
Loop 3		3-618J931G01	N/A	N/A
Reactor Coolant Piping	S.W. Fabricating			
Loops 1,2,3		N/A	N/A	N/A
Auxiliary Piping Systems	Schneider Power Corp.	N/A	N/A	N/A
Residual Heat Exchanger	Joseph Oat & Sons	1832-1	434682	368
		1832-2	434683	369

* Designates account number of arrangement with Authorized Inspection Agency to provide inspection services.

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 _____ to _____ 9. Inspection Interval from _____ to _____
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.
11. Abstract of Conditions Noted
12. Abstract of Corrective Measures Recommended and Taken

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) _____ Expiration Date _____

Date _____ 19 ____ Signed _____ By _____
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 _____ and employed by _____ of _____ have inspected the components described in this Owner's Report during the period _____ to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions _____
Date _____ 19 ____ National Board, State, Province, and Endorsements

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As required by the Provisions of the ASME Code Rules

1. Owner Duquesne Light Company, 435 Sixth Avenue, Pittsburgh, PA 15219
(Name and Address of Owner)
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(Name and Address of Plant)
3. Plant Unit 1 - 856MW 4. Owner Certificate of Authorization (if required) 26-05000*
5. Commercial Service Date 9/30/76 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Boron Injection Tank	StruthersWells Corp.	N/A	434783	1374
Non-regenerative Heat Exchanger	Joseph Oat & Sons	1830-1	434718	361
Primary Plant Component Cooling Heat Exchangers	Henry Vogt Machine Co.	N/A	434589	11792
			434590	11793
			434591	11794
Safety Injection Accumulators	Delta Southern Co.	N/A	434680	2710
		N/A	434678	2711
		N/A	434679	2712
Recirculating Spray Cooler	Industrial Products	N/A	434708	3179
Heat Exchanger			434709	3180
			434710	3181
			434711	3182
Regenerative Heat Exchanger	Joseph Oat & Sons	1831-10	434686	Shell 1:438
			434687	Shell 2:439
			434688	Shell 3:440

* Designates account number of arrangement with Authorized Inspection Agency to provide inspection services.

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 8/27/86 to 2/26/88 9. Inspection Interval from 9/30/76 to 2/26/88
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.
See Appendices I-II
11. Abstract of Conditions Noted
See text
12. Abstract of Corrective Measures Recommended and Taken

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 N/A
Date May 19 19 88 Signed Duquesne Light Co. By J. P. Noonan
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 * of have inspected the components described in this Owner's Report during the period 8/27/86 to 2/26/88, 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.

J. P. Noonan Commissions Factory Mutual System
Inspector's Signature NB 8316 Pa 2248
Date 5, 18 19 88 National Board, State, Province, and Endorsements

(12/82)

* Arkwright Mutual Insurance
Company, Waltham, Mass.

OUTAGE SUMMARY

During the Sixth Refueling (6R) Outage Inservice Inspection (ISI) examinations were performed on Class 1, 2, and 3 components at Beaver Valley Power Station (BVPS), Unit # 1. This outage was the final outage in the first ten year interval.

The inspection is based on ASME Section XI, 1974 Edition through the Summer 1975 Addenda.

ASME SECTION XI VESSEL, PIPING, AND SUPPORT EXAMINATIONS

1. Seven hundred fourteen (714) Class I examinations were performed and are divided into three groups as follows:
 - a. WELDS (Piping or Vessel)
 - Ultrasonic examinations - 27
 - Penetrant examinations - 109
 - b. BOLTING
 - Ultrasonic examinations - 88
 - Magnetic particle examinations - 32
 - Visual examinations - 354
 - c. SUPPORTS AND INTEGRAL ATTACHMENTS
 - Ultrasonic examinations - 12
 - Penetrant examinations - 13
 - Visual examinations - 79

2. Three hundred thirty (333) Class 2 examinations were performed and are divided into three groups as follows:
 - a. WELDS
 - Ultrasonic examinations - 38
 - Penetrant examinations - 99
 - Radiographic examinations - 3
 - b. BOLTING
 - Ultrasonic examinations - 61
 - Visual examinations - 80

c. SUPPORTS AND INTEGRAL ATTACHMENTS

Penetrant examinations - 13
 Visual examinations - 39

3. Twenty (20) visual examinations of Class 3 supports were performed.

The ASME Section XI examinations were performed by Duquesne Light Company examiners or augmented by NDE Technicians from Babcock & Wilcox. The ASME Class 1-3 examinations performed are summarized below and listed in full in Appendices I-III.

STEAM GENERATORS (ET)

One hundred percent of the in-service tubes were examined from tube end to tube end in all three generators by Babcock & Wilcox Special Products and Integrated Field Service. Full length tube examination was by standard bobbin coil probe and, for the innermost rows, a combination of the bobbin probe and the B&W EDDY- 360 rotating probe were used. All bobbin data had a secondary review by ECHORAM Technology, Inc.

The examinations were performed in compliance with the Babcock & Wilcox Special Products and Integrated Field Service Quality Assurance Manual for Inservice Inspection, Duquesne Light Company Beaver Valley No. 1 Technical Specification 4.4.5.1 thru 4.4.5.5 and NRC Regulatory Guide 1.83, Revision 1.

The following are the eddy current examination results for each generator:

	TUBES INSPECTED BY SG BOBBIN PROBE	TUBES INSPECTED BY EDDY-360 PROBE	TUBES WITH INDICATIONS = >40% TW	TUBES WITH INDICATIONS 20%-39% TW	TUBES REMOVED FROM SERVICE THIS OUTAGE
A	3346	907	29	108	37
B	3372	271	20	96	20
C	3375	229	6	37	15

NOTE: The tubes removed from service this outage included special leak limiting plugs as a result of the tube failure at North Anna and the analysis of the Anti-Vibration Bar (AVB) locations by Westinghouse. One leak limiting plug was installed of Steam Generator "A" and five leak limiting plugs were installed in Steam Generator "C".

RESULTS DISCUSSION

Full length examinations were attempted initially with a .740" bobbin coil probe. If the .740" probe was unsuccessful in traversing the full length of the tube, a .720" probe was used. The examinations were performed using frequencies of 400, 200, 100, and 10 kHz. The differential and absolute modes were used for each frequency. The 400 and 100 kHz frequencies in the differential mode were mixed to enhance detection of indications at the tube support plates. The absolute modes were used for tapered flaws such as wear, possible Intergranular Attack (IGA), and tube degradation in the U-bend region. The 10 kHz was used for secondary side review for loose parts and sludge. The eddy current analysis was performed using Zetec's DDA-4, Edition 18.1, data analysis system. Acquisition of the data was performed using Zetec's MIZ-18 system.

ROTATING EDDY CURRENT

The bobbin coil probe examination was the primary eddy current inspection technique. When the bobbin probe data was insufficient to make an accurate evaluation, the EDDY-360 rotating pancake coil probe was employed.

The EDDY-360 system was also utilized in examining tube support plate intersections that exhibited degradation and intersections identified as possibly containing degradation. This examination was performed using frequencies of 150 kHz and 300 kHz. The Eddy-360 examination was performed from both the inlet and outlet side of each generator.

The EDDY-360 examinations were performed on all in-service tubes in rows 1 and 2 U-bend region. Any row 1 and 2 tube in this region that exhibited %TW loss by bobbin or EDDY-360 was removed from service.

Anti-Vibration Bar (AVB) wear indications were present in each generator. Sizing of this type of indication was performed by utilizing the AVB wear standard and an absolute AVB mix. Amplitude measurements were used to more accurately size these indications.

Indications approximately 18 inches above the hot leg tubesheet were caused by the contact of the tube against a tube lane blocking device. Row 1, columns 1 through 5 and 88 through 94, are the only areas affected by this condition.

Several tubes in each generator exhibited Tube Support Plate (TSP) signals that were distorted to the bobbin probe examination but an identifiable wall loss indication could not be discerned. This occurred on both the hot leg and cold leg sides of the generators at the lower TSPs. These were labelled as a DSI (Distorted Support Plate with a Possible Indication). The EDDY-360 system was utilized to further examine these areas. On the hot leg side, the signals were similar to those of shallow intergranular attack. The majority of % TW calls at these locations were <20% TW. The EDDY-360 system was used extensively in Steam Generator "A" to further characterize these indications. Tube wall loss from this mechanism, as measured by EDDY-360, ranged from <20% TW to pluggable proportions (>40% TW). The occurrence of "thinning" at the first and second tube support plates (TSP) on the cold leg side in each generator accounted for thirteen tubes being plugged in all three steam generators.

EXPANDED TUBE SAMPLE

A sample of tubes that exhibited or were susceptible to the thinning phenomena at the cold leg supports were expanded at these locations in 1986. The program was initiated in an attempt to reduce or stop the thinning process. A comparison between these tubes and a sample of tubes with unexpanded support plates was made. Each tube was investigated individually and all tubes grouped as a population for each data set. The comparison was between %TW calls of the 1986 re-evaluated data and the data acquired this examination. The criteria for determining if growth took place between outages was if there was an increase in the %TW of a flaw and if it exceeded the combined error of all the variables in the examination. The following summarizes the results of the investigation:

<u>LOCATION</u>	<u>UNEXPANDED TUBE % TW INCREASE</u>	<u>EXPANDED TUBE % TW INCREASE</u>
1st TSP	4.062	6.681
2nd TSP	3.762	6.022
Population Mean Growth	3.912	6.219

The expansion process was found not to reduce the thinning mechanism. The unexpected tubes even showed less growth in %TW as compared to the expanded tubes. There is no plan to continue the expansion program at this time.

INSTRUMENTED INSPECTION TECHNIQUE TESTING

Throughout 1987 and during 6R, the Instrumented Inspection Technique (IIT) and/or Acoustic Emission (AE) method was applied to several plant systems as an approved inspection alternative to hydrostatic testing. This alternative was approved for use at BVPS Unit 1 by the NRC in D. McDonald's letter dated May 15, 1986 and H. Askwith to G. Johnson letter dated October 7, 1987. This testing was performed by HAFSA International using Duquesne Light Procedures.

Safety related piping of the following plant systems was examined using this methodology:

- Chemical and Volume Control System
- Residual Heat Removal System
- Safety Injection System
- Containment Depressurization System
- Reactor Plant Component Cooling Water System
- Main Steam System
- Auxiliary Feedwater System
- Steam Generator Blowdown System
- Reactor Plant River Water System
- Feedwater System

Of the systems listed above, only one system contained a deficiency that consisted of through wall leakage. This leak was observed at a valve to pipe weld on check valve 1RW-486 during HAFA River Water exam IIT 30.1. The leak was measured at less than one drop per minute and was reported to the station via Inservice Inspection Deficiency Report 87091. No through wall leakage was detected for the remainder of the system and the system piping examined met the IIT/AE acceptance criteria.

HYDROSTATIC PRESSURE TESTING

Class 1 piping within the containment structure was hydrostatically tested to meet the end of interval hydrostatic testing requirements. Class 1 piping of the following systems was so tested:

1. Reactor Coolant System
2. Chemical and Volume Control System
3. Residual Heat Removal System
4. Safety Injection System

The visual inspection of Class 1 piping performed during the hydrostatic test included the RCS pressurizer piping and the Reactor Vessel. The accompanying visual examinations (VT-2) found no rejectable conditions.

DEFICIENCIES RESOLUTION

All recorded deficiencies were evaluated and reported by the Inservice Inspection Department (ISID) per existing administrative procedures.

Appendix III is a disposition matrix of the ASME Section XI Class 1, 2 and 3 reportable indications found this outage.

AUGMENTED EXAMINATIONS

1. The "B" Steam Generator feedwater nozzle was radiographed in excess of the Code requirements (each Refueling Outage a nozzle has been examined). Cracks emanating from the counterbore region were observed. "A" and "C" nozzles were then radiographed and the same results appeared on these radiographs. The elbows were cut out and replaced with like materials.
2. All fifty (50) flux thimbles (100%) were eddy current (ET) examined in response to I.E. Notice 87-44 Supplement 1 by Cramer and Lindell Inc. As a result of the examination, one thimble was isolated and four (4) were repositioned.
3. The "A" Reactor Coolant Pump flywheel was ultrasonically (UT) examined from the gage holes and the keyway was penetrant (PT) examined. These examinations were performed to implement the guidance of Regulatory Guide 1.14, Rev. 1.

4. Ultrasonic thickness measurements were taken on forty-five (45) fittings located in the Heater Drain, Feedwater, Condensate, Extraction Steam, and Moisture Separator Reheater Drain Systems. Of the thirty-one (31) single phase locations, ten (10) fittings were chosen by the EPRI CHEC Computer Code, eight (8) fittings were chosen by the NRC, five (5) fittings were chosen based on NRC Information Notice No. 87-36, and the remaining eight (8) single phase fittings and fourteen (14) two phase fittings were chosen by Duquesne Light Engineering Department. These measurements showed no significant wall loss.
5. The results of the Snubber examinations and tests that were performed during the 6R examination/test period are listed below.

Visual Examination

Snubbers Examined	292 (out of 293)*
Inoperable	0

- * One was not examined due to its location in a high radiation area next to a reactor coolant filter which was not scheduled for a filter change during the examination period. This will be examined when the filter is changed.

Functional Testing

	Large Bore (Berg-Pat)	Small Bore (Hydraulic)	Small Bore (Mechanical)
Snubbers Tested	4 (1 sample)	30 (3 samples)	4 (1 sample)
Inoperable	0	2	0

6. Eddy current examination was performed on the following two heat exchangers:
 - a. Eddy Current (ET) was performed on a sample of seven hundred ninety (790) selected tubes in "A" and "D" Main Condenser.
 - b. Eddy Current (ET) was performed on eight hundred fifty (850) tubes in "A" Recirculating Spray Heat Exchanger. No significant degradation was detected.

7. Seventy-three (73) rubber expansion joints (primarily on River Water System) were visually examined for carcass deformation/degradation.

8. Seventeen (17) Safety Injection welds were selected beyond the scope of the Code required examinations and were ultrasonically examined to investigate a potential generic problem addressed in I.E. Notice 88-01. No deficiencies were noted.

DUQUESNE LIGHT COMPANY
BVPS UNIT I 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
** ASME ITEM NUMBER/EXAM CATEGORY: 801.05 B-E			
# ISOMETRIC: NONE			
IPCORE INSTRUMENTS	PARTIAL PENETRATION WELDS	V13653	
# ISOMETRIC: RCRI-B R1			
CONTROL ROD DRIVES	PARTIAL PENETRATION WELDS	V13648	
** ASME ITEM NUMBER/EXAM CATEGORY: 801.08 B-G-1			
# ISOMETRIC: RCRI-10 R1			
RC-R-1-STUD-1	BOLTING	V13529	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-2	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-3	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-4	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-5	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-6	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-7	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-8	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-9	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-10	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-11	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-12	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-13	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-14	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-15	BOLTING	V13620	EM-63442 ACCEPTS VT UNSAT.VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-16	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-17	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-18	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-19	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-20	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-21	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-22	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-23	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-24	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-25	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-26	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-27	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-28	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-29	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-30	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-31	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-32	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-33	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-34	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-35	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BYPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-R-1-STUD-36	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-37	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-38	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-39	BOLTING	UT88-025 V13505	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-40	BOLTING	UT88-026 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-41	BOLTING	UT88-027 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-42	BOLTING	UT88-028 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-43	BOLTING	UT88-029 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-44	BOLTING	UT88-030 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-45	BOLTING	UT88-031 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-46	BOLTING	UT88-032 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-47	BOLTING	UT88-033 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-48	BOLTING	UT88-034 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-49	BOLTING	UT88-035 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-50	BOLTING	UT88-037 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-51	BOLTING	UT88-038 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-52	BOLTING	UT88-039 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-53	BOLTING	UT88-040 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-54	BOLTING	UT88-041 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-55	BOLTING	UT88-042 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-56	BOLTING	UT88-043 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-57	BOLTING	UT88-044 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-STUD-58	BOLTING	UT88-045 V13529	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-1	BOLTING	V13529	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-2	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-3	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVPS UNIT ! 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-R-1-NUT-4	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-5	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-6	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-7	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-8	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-9	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-10	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-11	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-12	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-13	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-14	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-15	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-16	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-17	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-18	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-19	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-20	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-21	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-22	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-23	BOLTING	V13512	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-24	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-25	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-26	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-27	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-28	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-29	BOLTING	V13620	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-30	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-31	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-32	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-33	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-34	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-35	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-36	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-37	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-38	BOLTING	V13505	VT ONLY DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-39	BOLTING	UT88-025 V13505	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-40	BOLTING	UT88-026 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-41	BOLTING	UT88-027 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-42	BOLTING	UT88-028 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-43	BOLTING	UT88-029 V13513	UT ONLY, VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-44	BOLTING	UT88-030	UT ONLY, VT DUE TO CONOSEAL LEAKAGE

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-R-1-NUT-45	BOLTING	V13513 UT88-031	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-46	BOLTING	V13513 UT88-032	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-47	BOLTING	V13513 UT88-033	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-48	BOLTING	V13513 UT88-034	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-49	BOLTING	V13513 UT88-035	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-50	BOLTING	V13513 UT88-037	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-51	BOLTING	V13529 UT88-038	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-52	BOLTING	V13529 UT88-039	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-53	BOLTING	V13529 UT88-040	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-54	BOLTING	V13529 UT88-041	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-55	BOLTING	V13529 UT88-042	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-56	BOLTING	V13529 UT88-043	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-57	BOLTING	V13529 UT88-044	UT ONLY. VT DUE TO CONOSEAL LEAKAGE
RC-R-1-NUT-58	BOLTING	V13529 UT88-045	UT ONLY. VT DUE TO CONOSEAL LEAKAGE

** ASME ITEM NUMBER/EXAM CATEGORY: B01.10 B-6-1

* ISOMETRIC: RCRI-10 R1

RC-R-1-WASHER-1	BOLTING	V13529	
RC-R-1-WASHER-2	BOLTING	V13512	
RC-R-1-WASHER-3	BOLTING	V13512	
RC-R-1-WASHER-4	BOLTING	V13620	
RC-R-1-WASHER-5	BOLTING	V13620	
RC-R-1-WASHER-6	BOLTING	V13512	
RC-R-1-WASHER-7	BOLTING	V13512	
RC-R-1-WASHER-8	BOLTING	V13620	
RC-R-1-WASHER-9	BOLTING	V13620	
RC-R-1-WASHER-10	BOLTING	V13620	
RC-R-1-WASHER-11	BOLTING	V13620	
RC-R-1-WASHER-12	BOLTING	V13620	
RC-R-1-WASHER-13	BOLTING	V13620	

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DUQUESNE LIGHT COMPANY
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-R-1-WASHER-14	BOLTING	V13620	
RC-R-1-WASHER-15	BOLTING	V13620	
RC-R-1-WASHER-16	BOLTING	V13620	
RC-R-1-WASHER-17	BOLTING	V13620	
RC-R-1-WASHER-18	BOLTING	V13512	
RC-R-1-WASHER-19	BOLTING	V13512	
RC-R-1-WASHER-20	BOLTING	V13512	
RC-R-1-WASHER-21	BOLTING	V13512	
RC-R-1-WASHER-22	BOLTING	V13512	
RC-R-1-WASHER-23	BOLTING	V13512	
RC-R-1-WASHER-24	BOLTING	V13620	
RC-R-1-WASHER-25	BOLTING	V13620	
RC-R-1-WASHER-26	BOLTING	V13620	
RC-R-1-WASHER-27	BOLTING	V13620	
RC-R-1-WASHER-28	BOLTING	V13620	
RC-R-1-WASHER-29	BOLTING	V13620	
RC-R-1-WASHER-30	BOLTING	V13505	
RC-R-1-WASHER-31	BOLTING	V13505	
RC-R-1-WASHER-32	BOLTING	V13505	
RC-R-1-WASHER-33	BOLTING	V13505	
RC-R-1-WASHER-34	BOLTING	V13505	
RC-R-1-WASHER-35	BOLTING	V13505	
RC-R-1-WASHER-36	BOLTING	V13505	
RC-R-1-WASHER-37	BOLTING	V13505	
RC-R-1-WASHER-38	BOLTING	V13505	
RC-R-1-WASHER-39	BOLTING	V13505	
RC-R-1-WASHER-40	BOLTING	V13513	
RC-R-1-WASHER-41	BOLTING	V13513	
RC-R-1-WASHER-42	BOLTING	V13513	
RC-R-1-WASHER-43	BOLTING	V13513	
RC-R-1-WASHER-44	BOLTING	V13513	
RC-R-1-WASHER-45	BOLTING	V13513	
RC-R-1-WASHER-46	BOLTING	V13513	
RC-R-1-WASHER-47	BOLTING	V13513	
RC-R-1-WASHER-48	BOLTING	V13513	
RC-R-1-WASHER-49	BOLTING	V13513	
RC-R-1-WASHER-50	BOLTING	V13529	
RC-R-1-WASHER-51	BOLTING	V13529	
RC-R-1-WASHER-52	BOLTING	V13529	
RC-R-1-WASHER-53	BOLTING	V13529	
RC-R-1-WASHER-54	BOLTING	V13529	
RC-R-1-WASHER-55	BOLTING	V13529	
RC-R-1-WASHER-56	BOLTING	V13529	
RC-R-1-WASHER-57	BOLTING	V13529	
RC-R-1-WASHER-58	BOLTING	V13529	

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DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
** ASME ITEM NUMBER/EXAM CATEGORY: B02.01 B-B			
# ISOMETRIC: RCTK1 R1 RC-TX-1-L-2	LONGITUDINAL WELD	UT88-066	UT EXAMINED 5"(3.9%), 20" UP FROM CIRC WELD #5
** ASME ITEM NUMBER/EXAM CATEGORY: B02.03 B-E			
# ISOMETRIC: NONE HEATER PENETRATIONS	PARTIAL PENETRATION WELDS	V13644	
** ASME ITEM NUMBER/EXAM CATEGORY: B02.04 B-F			
# ISOMETRIC: 350-1 R2 RC-104-1-E-01	NOZZLE WELD	UT88-019 PT88-017	
** ASME ITEM NUMBER/EXAM CATEGORY: B03.02 B-D			
# ISOMETRIC: RCE1-1 R1 RC-E-1B-RADIUS(D)	NOZZLE INSIDE RADIUS	V13626	REMOTE EXAM BY TELEVISION
RC-E-1C-RADIUS(H)	NOZZLE INSIDE RADIUS	V13535	REMOTE EXAM BY TELEVISION
RC-E-1C-RADIUS(C)	NOZZLE INSIDE RADIUS	V13546	REMOTE EXAM BY TELEVISION
** ASME ITEM NUMBER/EXAM CATEGORY: B03.10 B-G-2			
# ISOMETRIC: RCE1-1 R1 RC-E-1A-AH-1	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-2	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-3	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-4	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-5	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-6	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-7	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-8	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-9	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-10	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
 BVPS UNIT I 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-E-1A-AH-11	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-12	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-13	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-14	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-15	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AH-16	BOLTING	V13486 MT88-004	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-1	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-2	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-3	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-4	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-5	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-6	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-7	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-8	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-9	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-10	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-11	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-12	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-13	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-14	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-15	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1A-AC-16	BOLTING	V13485 MT88-005	MT SUPPLEMENTS VT PER MAINTENANCE NDE REQUEST
RC-E-1B-BH-1	BOLTING	V13562	
RC-E-1B-BH-2	BOLTING	V13562	

DUQUESNE LIGHT COMPANY
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-E-1B-BH-3	BOLTING	V13562	
RC-E-1B-BH-4	BOLTING	V13562	
RC-E-1B-BH-5	BOLTING	V13562	
RC-E-1B-BH-6	BOLTING	V13562	
RC-E-1B-BH-7	BOLTING	V13562	
RC-E-1B-BH-8	BOLTING	V13562	
RC-E-1B-BH-9	BOLTING	V13562	
RC-E-1B-BH-10	BOLTING	V13562	
RC-E-1B-BH-11	BOLTING	V13562	
RC-E-1B-BH-12	BOLTING	V13562	
RC-E-1B-BH-13	BOLTING	V13562	
RC-E-1B-BH-14	BOLTING	V13562	
RC-E-1B-BH-15	BOLTING	V13562	
RC-E-1B-BH-16	BOLTING	V13562	
RC-E-1B-BC-1	BOLTING	V13561	
RC-E-1B-BC-2	BOLTING	V13561	
RC-E-1B-BC-3	BOLTING	V13561	
RC-E-1B-BC-4	BOLTING	V13561	
RC-E-1B-BC-5	BOLTING	V13561	
RC-E-1B-BC-6	BOLTING	V13561	
RC-E-1B-BC-7	BOLTING	V13561	
RC-E-1B-BC-8	BOLTING	V13561	
RC-E-1B-BC-9	BOLTING	V13561	
RC-E-1B-BC-10	BOLTING	V13561	
RC-E-1B-BC-11	BOLTING	V13561	
RC-E-1B-BC-12	BOLTING	V13561	
RC-E-1B-BC-13	BOLTING	V13561	
RC-E-1B-BC-14	BOLTING	V13561	
RC-E-1B-BC-15	BOLTING	V13561	
RC-E-1B-BC-16	BOLTING	V13561	
RC-E-1C-CH-1	BOLTING	V13527	
RC-E-1C-CH-2	BOLTING	V13527	
RC-E-1C-CH-3	BOLTING	V13527	
RC-E-1C-CH-4	BOLTING	V13527	
RC-E-1C-CH-5	BOLTING	V13527	
RC-E-1C-CH-6	BOLTING	V13527	
RC-E-1C-CH-7	BOLTING	V13527	
RC-E-1C-CH-8	BOLTING	V13527	
RC-E-1C-CH-9	BOLTING	V13527	
RC-E-1C-CH-10	BOLTING	V13527	
RC-E-1C-CH-11	BOLTING	V13527	
RC-E-1C-CH-12	BOLTING	V13527	
RC-E-1C-CH-13	BOLTING	V13527	
RC-E-1C-CH-14	BOLTING	V13527	
RC-E-1C-CH-15	BOLTING	V13527	
RC-E-1C-CH-16	BOLTING	V13527	

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DUGUESNE LIGHT COMPANY
BVPS UNIT I 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-E-1C-CC-1	BOLTING	V13527	
RC-E-1C-CC-2	BOLTING	V13527	
RC-E-1C-CC-3	BOLTING	V13527	
RC-E-1C-CC-4	BOLTING	V13527	
RC-E-1C-CC-5	BOLTING	V13527	
RC-E-1C-CC-6	BOLTING	V13527	
RC-E-1C-CC-7	BOLTING	V13527	
RC-E-1C-CC-8	BOLTING	V13527	
RC-E-1C-CC-9	BOLTING	V13527	
RC-E-1C-CC-10	BOLTING	V13527	
RC-E-1C-CC-11	BOLTING	V13527	
RC-E-1C-CC-12	BOLTING	V13527	
RC-E-1C-CC-13	BOLTING	V13527	
RC-E-1C-CC-14	BOLTING	V13527	
RC-E-1C-CC-15	BOLTING	V13527	
RC-E-1C-CC-16	BOLTING	V13527	
** ASME ITEM NUMBER/EXAM CATEGORY: B04.01 B-F			
* ISOMETRIC: 350-2 R2			
RC-97-1-F-01	SAFE END WELD	UT88-007 PT88-008	
RC-98-1-F-01	SAFE END WELD	UT88-008 PT88-006	
RC-99-1-F-01	SAFE END WELD	UT88-009 PT88-007	
* ISOMETRIC: 999-4 R2			
DLW-PRESS-2-F-39	SAFE END WELD	PT88-063	PT ONLY
** ASME ITEM NUMBER/EXAM CATEGORY: B04.05 B-J			
* ISOMETRIC: 106-1 R1			
SI-121-4-S-06	BUTT WELD	PT88-038	PT ONLY
SI-121-4-S-03	BUTT WELD	PT88-079	LIMITED EXAM, PT ONLY, DUE TO HANGER
* ISOMETRIC: 107-1 R1			
SI-101-2-S-03	BUTT WELD	PT88-029	PT ONLY
SI-101-2-S-02	BUTT WELD	PT88-029	PT ONLY
SI-101-2-S-01	BUTT WELD	PT88-029	PT ONLY
* ISOMETRIC: 108-2 R1			
RH-24-1-S-02	BUTT WELD	PT88-066	PT ONLY. E88-018 ACCEPTS PT INDICATION
* ISOMETRIC: 220-3 R1			
SI-29-5-F-05	BUTT WELD	PT88-062	PT ONLY

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DUQUESNE LIGHT COMPANY
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
SI-29-5-S-01	BUTT WELD	PT88-062	PT ONLY
SI-29-6-F-06	BUTT WELD	PT88-062	PT ONLY
SI-29-6-S-03	BUTT WELD	PT88-062	PT ONLY
SI-29-6-S-02	BUTT WELD	PT88-062	PT ONLY
SI-29-9-F-10	BUTT WELD	UT88-069	IEN 88-01 EXPANDED SCOPE
SI-29-9-S-01	BUTT WELD	UT88-070	IEN 88-01 EXPANDED SCOPE
SI-29-9-S-02	BUTT WELD	UT88-071	IEN 88-01 EXPANDED SCOPE
* ISOMETRIC: 222-2 R1			
SI-20-9-S-01	BUTT WELD	PT88-079	PT ONLY.
SI-20-9-F-11	BUTT WELD	PT88-079	LIMITED EXAM, PT ONLY, DUE TO HANGER PLATE
SI-20-10-S-04	BUTT WELD	PT88-079	PT ONLY. E88-024 ACCEPTS PT INDICATION
SI-20-10-S-01	BUTT WELD	PT88-084	PT ONLY
SI-20-10-S-02	BUTT WELD	PT88-084	LIMITED EXAM, PT ONLY, DUE TO ADJACENT LINE
SI-20-11-F-13	BUTT WELD	UT88-086	IEN 88-01 EXPANDED SCOPE
		PT88-084	
SI-20-11-S-04	BUTT WELD	UT88-085	IEN 88-01 EXPANDED SCOPE
SI-20-11-S-03	BUTT WELD	UT88-084	IEN 88-01 EXPANDED SCOPE
* ISOMETRIC: 223-2 R1			
SI-30-5-F-07	BUTT WELD	UT88-074	IEN 88-01 EXPANDED SCOPE
SI-30-5-S-01	BUTT WELD	UT88-072	IEN 88-01 EXPANDED SCOPE
SI-30-5-S-02	BUTT WELD	UT88-073	IEN 88-01 EXPANDED SCOPE
* ISOMETRIC: 253 R1			
CH-126-5-F-06	BUTT WELD	PT88-065	PT ONLY
CH-126-5-S-01	BUTT WELD	PT88-065	PT ONLY. E88-019 ACCEPTS PT INDICATION
CH-126-5-S-02	BUTT WELD	PT88-065	PT ONLY
CH-126-5-S-03	BUTT WELD	PT88-065	PT ONLY
* ISOMETRIC: 340-1 R1			
RC-71-1-S-03	BUTT WELD	PT88-089	PT ONLY
* ISOMETRIC: 340-2 R1			
RC-71-9-S-03	BUTT WELD	UT88-060	
		PT88-075	
RC-71-9-S-04	BUTT WELD	PT88-075	PT ONLY
RC-71-9-S-05	BUTT WELD	PT88-075	PT ONLY
RC-72-5-F-11	BUTT WELD	PT88-075	PT ONLY
RC-72-5-S-08	BUTT WELD	PT88-075	PT ONLY
* ISOMETRIC: 340-3 R1			
RC-72-1-S-01	BUTT WELD	PT88-053	PT ONLY
RC-72-1-S-02	BUTT WELD	PT88-053	PT ONLY
RC-72-1-S-03	BUTT WELD	PT88-053	PT ONLY
RC-72-1-S-04	BUTT WELD	PT88-053	PT ONLY

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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
RC-72-2-S-02	BUTT WELD	UT88-048 PT88-043	E88-007 FOR EVAL OF GEOMETRIC INDICATION
* ISOMETRIC: 348-4 R2			
RC-72-7-S-01	BUTT WELD	PT88-018	PT ONLY. E88-016 FOR ACCEPT OF SCRATCH
RC-72-7-S-02	BUTT WELD	PT88-009	PT ONLY
RC-72-7-S-03	BUTT WELD	PT88-009	PT ONLY
RC-72-7-S-04	BUTT WELD	PT88-009	PT ONLY
* ISOMETRIC: 350-1 R2			
RC-104-2-F-02	BUTT WELD	PT88-017	PT ONLY
RC-104-2-S-01	BUTT WELD	PT88-017	PT ONLY
RC-107-1-S-04	BUTT WELD	PT88-017	PT ONLY
RC-107-1-S-05	BUTT WELD	PT88-017	PT ONLY
RC-104-2-S-08	BUTT WELD	PT88-017	PT ONLY
RC-104-2-S-09	BUTT WELD	PT88-017	PT ONLY
RC-104-2-S-10	BUTT WELD	PT88-017	PT ONLY
* ISOMETRIC: 350-2 R2			
RC-99-1-S-07	BUTT WELD	PT88-007	PT ONLY
RC-99-1-S-06	BUTT WELD	PT88-007	PT ONLY
* ISOMETRIC: 381-2 R1			
RC-13-2-S-06	BUTT WELD	PT88-000	PT ONLY
RC-13-2-S-05	BUTT WELD	PT88-000	PT ONLY
RC-13-2-S-04	BUTT WELD	PT88-000	PT ONLY
RC-13-2-S-03	BUTT WELD	PT88-000	PT ONLY
RC-13-2-S-02	BUTT WELD	PT88-039	PT ONLY
RC-13-2-S-01	BUTT WELD	PT88-039	PT ONLY
* ISOMETRIC: 352-2 R1			
RC-23-2-F-03	BUTT WELD	PT88-021	PT ONLY
RC-23-3-S-01	BUTT WELD	PT88-021	PT ONLY
RC-23-3-F-05	BUTT WELD	PT88-021	PT ONLY
* ISOMETRIC: 375-3 R2			
SI-74-5-S-01	BUTT WELD	UT88-053 PT88-046	LIMITED UT EXAM DUE TO REDUCER
SI-74-5-S-06	BUTT WELD	UT88-051 PT88-050	
SI-74-6-F-08	BUTT WELD	UT88-050 PT88-050	IEN 88-01 EXPANDED SCOPE
SI-74-6-S-01	BUTT WELD	UT88-049 PT88-050	IEN 88-01 EXPANDED SCOPE
SI-74-6-F-08	BUTT WELD	UT88-052 PT88-050	IEN 88-01 EXPANDED SCOPE

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
 BVPS UNIT I 1987-88 OUTAGE
 NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
* ISOMETRIC: 375-5 R1			
SI-72-7-F-08	BUTT WELD	PT88-038	PT ONLY, E88-023 FOR ACCEPTANCE OF PT INDICATION
SI-72-7-S-05	BUTT WELD	PT88-038	PT ONLY
SI-72-8-F-10	BUTT WELD	UT88-080	1EN 88-01 EXP SCOPE, E88-026 FOR EVALUATION OF GEOMETRIC IND.
		UT88-082	
SI-72-8-S-01	BUTT WELD	UT88-078	1EN 88-01 EXPANDED SCOPE
		UT88-081	
SI-72-8-F-11	BUTT WELD	UT88-079	1EN 88-01 EXPANDED SCOPE, LIMITED 45 DEG UT EXAM DUE TO INSULATION
		UT88-093	
* ISOMETRIC: 375-6 R1			
SI-73-4-F-05	BUTT WELD	PT88-024	PT ONLY
SI-73-4-S-01	BUTT WELD	PT88-024	PT ONLY
SI-73-5-F-06	BUTT WELD	PT88-024	PT ONLY
SI-73-8-F-10	BUTT WELD	UT88-077	1EN 88-01 EXPANDED SCOPE, LIMITED 45 DEG UT EXAM DUE TO INSULATION
SI-73-8-S-01	BUTT WELD	UT88-076	1EN 88-01 EXPANDED SCOPE
SI-73-8-F-11	BUTT WELD	UT88-075	1EN 88-01 EXPANDED SCOPE
* ISOMETRIC: 999-1 R1			
DLW-LOOP1-9-F-42	BUTT WELD	PT88-090	PT ONLY
DLW-LOOP1-9-S-02	BUTT WELD	PT88-090	PT ONLY
* ISOMETRIC: 999-2 R1			
DLW-LOOP2-9A-S-02	BUTT WELD	PT88-027	PT ONLY
* ISOMETRIC: LOOP2-1 R1			
DLW-LOOP2-4-L-01	LONGITUDINAL WELD ALONG ELBOW	PT88-095	EXAMINED 1' FROM F-19
DLW-LOOP2-4-L-02	LONGITUDINAL WELD ALONG ELBOW	PT88-095	EXAMINED 1' FROM F-19
DLW-LOOP2-5-L-03	LONGITUDINAL WELD ALONG ELBOW	PT88-095	EXAMINED 1' FROM S-01
DLW-LOOP2-5-L-04	LONGITUDINAL WELD ALONG ELBOW	PT88-095	EXAMINED 1' FROM S-01
* ISOMETRIC: LOOP2-2 R1			
DLW-LOOP2-5-S-01	BUTT WELD	PT88-022	PT ONLY
DLW-LOOP2-7-S-01	BUTT WELD	PT88-026	PT ONLY
** ASME ITEM NUMBER/EXAM CATEGORY: 884.08 B-J			
* ISOMETRIC: 106-1 R1			
SI-121-3B-F-4B	SOCKET WELD	PT88-030	
* ISOMETRIC: 351-2 R1			
RC-13-3-F-05	BUTT WELD	PT88-052	
* ISOMETRIC: 352-1 R1			
RC-55-1-F-01	SOCKET WELD	PT88-020	
RC-23-1-S-04	SOCKET WELD	PT88-020	

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 357 R1			
RC-43-1-S-02	SOCKET WELD	PT88-037	
RC-43-1-F-18	SOCKET WELD	PT88-037	
DG-56-1-S-01	SOCKET WELD	PT88-091	
DG-56-1-S-02	SOCKET WELD	PT88-091	
* ISOMETRIC: 358 R1			
RC-53-1-F-01	SOCKET WELD	PT88-023	
RC-53-1-S-02	SOCKET WELD	PT88-023	
RC-53-1A-F-1A	SOCKET WELD	PT88-023	
RC-53-1A-F-02	SOCKET WELD	PT88-023	
* ISOMETRIC: 359 R1			
RC-61-1A-S-05	SOCKET WELD	PT88-094	EXPANDED SCOPE FOR REJECT ON DG-47-3-S-01
RC-61-1A-S-07	SOCKET WELD	PT88-094	EXPANDED SCOPE FOR REJECT ON DG-47-3-S-01
RC-61-1C-F-1C	SOCKET WELD	PT88-094	EXPANDED SCOPE FOR REJECT ON DG-47-3-S-01
DG-47-2-S-01	SOCKET WELD	PT88-049	
DG-47-3-F-03	SOCKET WELD	PT88-049	
DG-47-3-S-01	SOCKET WELD	PT88-049	DR-88030 FOR PT INDICATION
		PT88-101	
RC-63-1-F-01	SOCKET WELD	PT88-041	
RC-63-1-S-02	SOCKET WELD	PT88-041	
RC-63-1-F-18	SOCKET WELD	PT88-041	
RC-63-1B-F-02	SOCKET WELD	PT88-041	
DG-47-3-F-3A	SOCKET WELD	PT88-049	
DG-47-3-S-02	SOCKET WELD	PT88-049	
DG-47-4-F-04	SOCKET WELD	PT88-049	
* ISOMETRIC: 375-6 R1			
SI-73-7-F-04	SOCKET WELD	PT88-035	
** ASME ITEM NUMBER/EXAM CATEGORY: B04.09 B-K-1			
* ISOMETRIC: 106-1 R1			
SI-121-2-A-01	WELDED ATTACHMENT SNUBBER	PT88-045	PT ONLY
SI-121-2-A-02	WELDED ATTACHMENT SUPPORT	UT88-099	EXPANDED SCOPE FOR REJECT ON SI-121-5-A-04
		PT88-099	
SI-121-3-A-03	WELDED ATTACHMENT SUPPORT	UT88-098	LIMITED UT,PT EXAMS DUE TO SUPPORT. EXPANDED SCOPE FOR REJECT ON
		PT88-100	SI-121-5-A-04
SI-121-5-A-04	WELDED ATTACHMENT SUPPORT	PT88-032	DR-88039 FOR PT INDICATIONS. PT ONLY
		PT88-111	
SI-121-5-A-05	WELDED ATTACHMENT SNUBBER	PT88-088	PT ONLY
SI-121-6-A-06	WELDED ATTACHMENT SUPPORT	PT88-088	PT ONLY
* ISOMETRIC: 107-1 R1			
SI-101-2-A-02	WELDED ATTACHMENT SNUBBER	PT88-029	PT ONLY

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DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
SI-101-3B-A-04	WELDED A' JNT SNUBBER	PTP9-028	PT ONLY
# ISOMETRIC: 108-2 R1 RH-24-1A-A-01B	WELDED ATTACHMENT SUPPORT	T88-054	UT ONLY
# ISOMETRIC: 190 R1 CH-98-3-A-02	WELDED ATTACHMENT SUPPORT	UT88-061	UT ONLY
CH-98-4A-A-03	WELDED ATTACHMENT SUPPORT	UT88-062	UT ONLY
# ISOMETRIC: 191 R1 CH-140-4-A-02	WELDED ATTACHMENT SUPPORT	UT88-017	UT ONLY
CH-140-5-A-01	WELDED ATTACHMENT SUPPORT	UT88-017	UT ONLY
# ISOMETRIC: 195 R2 CH-97-3-A-01	WELDED ATTACHMENT SUPPORT	UT88-058 PT88-068	
# ISOMETRIC: 197 R1 DG-50-3-A-01	WELDED ATTACHMENT SUPPORT	UT88-065	UT ONLY
DG-50-5D-A-02	WELDED ATTACHMENT SUPPORT	UT88-064	UT ONLY
DG-50-7-A-03	WELDED ATTACHMENT SUPPORT	UT88-063	UT ONLY
# ISOMETRIC: 348-1 R1 RC-71-3-A-11	WELDED ATTACHMENT SNUBBER	UT88-059 PT88-064	
** ASME ITEM NUMBER/EXAM CATEGORY: B04.10 8-K-2			
# ISOMETRIC: 106-1 R1 SI-121-2-DG-2	SUPPORT	V13506	
SI-121-2-RH-3	SUPPORT	V13506	
SI-121-3-R-4	SUPPORT	V13506	
SI-121-5-R-8	SUPPORT	V13604	
SI-121-6-DG-1	SUPPORT	V13610	
SI-121-6-SH-10	SUPPORT	V13610	
# ISOMETRIC: 107-1 R1 SI-101-2-DG-1	SUPPORT	V13507	
SI-101-3-SH-11	SUPPORT	V13507	
# ISOMETRIC: 107-2 R1 SI-101-5-DG-2	SUPPORT	V13508	
# ISOMETRIC: 108-2 R1 SI-111-2-DG-2	SUPPORT	V13553	
SI-111-2-R-10	SUPPORT	V13553	

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
SI-111-5-DG-1	SUPPORT	V13547	
* ISOMETRIC: 190 R1			
CH-98-1A-PS-18	SUPPORT	V13558	
CH-98-2-PS-17	SUPPORT	V13558	
* ISOMETRIC: 191 R1			
CH-140-3A-PS-20	SUPPORT	V13492	
CH-140-3A-PS-21	SUPPORT	V13492	
CH-140-5-PS-6	SUPPORT	V13492	
CH-142-1-PS-19	SUPPORT	V13492	
CH-142-3A-PS-9	SUPPORT	V13492	
CH-142-3B-PS-8	SUPPORT	V13492	
CH-142-3B-PS-1	SUPPORT	V13492	
* ISOMETRIC: 195 R2			
CH-97-2-PS-2	SUPPORT	V13585	
* ISOMETRIC: 196 R1			
CH-96-2-PS-1	SUPPORT	V13559	
* ISOMETRIC: 197 R1			
DG-50-1-R-PS-29	SUPPORT	V13565	EXPANDED SCOPE FOR REJECT ON DG-56-3-PS-1
DG-50-1-R-PS-28	SUPPORT	V13565	EXPANDED SCOPE FOR REJECT ON DG-56-3-PS-1
DG-50-2-R-PS-27	SUPPORT	V13616	EXPANDED SCOPE FOR REJECT ON DG-56-2-PS-2
DG-50-2-R-PS-26	SUPPORT	V13616	EXPANDED SCOPE FOR REJECT ON DG-56-2-PS-2
* ISOMETRIC: 200-2 R1			
SI-23-1-R-PS-5	SUPPORT	V13563	
SI-23-2-R-PS-3	SUPPORT	V13563	
SI-23-2B-R-PS-1	SUPPORT	V13563	
* ISOMETRIC: 220-3 R1			
SI-29-5-DG-1	SUPPORT	V13551	
SI-29-5-R-122	SUPPORT	V13551	
SI-29-7-R-210	SUPPORT	V13551	
SI-29-8-DG-2	SUPPORT	V13593	
* ISOMETRIC: 222-2 R1			
SI-20-6-DG-1	SUPPORT	V13564	
SI-20-7-R-74	SUPPORT	V13564	
SI-20-10-DG-2	SUPPORT	V13605	

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DUQUESNE LIGHT COMPANY
BVPB UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 223-2 R1			
SI-30-2-DS-1	SUPPORT	V13552	
SI-30-2-SH-49A	SUPPORT	V13552	
SI-30-3-R-51	SUPPORT	V13539	
SI-30-4-DS-2	SUPPORT	V13539	
* ISOMETRIC: 242 R1			
CH-1-29-R-PS-22	SUPPORT	V13522	
CH-1-3-PS-21	SUPPORT	V13522	DR-88822 FOR LOAD SETTING. ALL SIMILAR SUPPORTS SCHEDULED, NO
		00C-081442	SCOPE EXPANSION.
* ISOMETRIC: 244 R1			
CH-141-1-PS-1	SUPPORT	V13491	
* ISOMETRIC: 247 R1			
CH-97-4-PS-2	SUPPORT	V13498	
* ISOMETRIC: 248 R1			
CH-98-7B-PS-2	SUPPORT	V13547	
* ISOMETRIC: 253 R1			
CH-126-6-A-212	SUPPORT	V13556	
* ISOMETRIC: 254 R1			
CH-23-2-PS-5	SUPPORT	V13554	
CH-23-2-PS-3	SUPPORT	V13555	
CH-23-3-PS-2	SUPPORT	V13555	
* ISOMETRIC: 348-1 R1			
RC-71-1-SH-28	SUPPORT	V13618	
* ISOMETRIC: 348-3 R1			
RC-72-1-R-1	SUPPORT	V13543	
RC-72-2-R-2	SUPPORT	V13545	REMOTE VT FOR SIDES
RC-72-4-R-6	SUPPORT	V13557	
* ISOMETRIC: 350-1 R2			
RC-107-1-R-45A	SUPPORT	V13494	
* ISOMETRIC: 351-1 R1			
RC-14-2-H-SH10-8	SUPPORT	V13603	
* ISOMETRIC: 351-2 R1			
RC-13-2-R-8	SUPPORT	V13602	

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 352-2 R1			
RC-23-1-A-12	SUPPORT	V13499	
RC-23-2-R-11	SUPPORT	V13499	
* ISOMETRIC: 352-3 R1			
RC-24-2-H-SM10-4	SUPPORT	V13502	
* ISOMETRIC: 357 R1			
D6-56-3-PS-1	SUPPORT	V13524	DR-88023 FOR LOAD SETTING
		DDC-081442	
D6-56-1-PS-4	SUPPORT	V13617	EXPANDED SCOPE FOR REJECT ON D6-56-2-PS-2
D6-56-2-PS-3	SUPPORT	V13609	EXPANDED SCOPE FOR REJECT ON D6-56-3-PS-1
D6-56-2-PS-2	SUPPORT	V13609	DR-88038 FOR SUPPORT UNSAT. EXPANDED SCOPE DUE TO D6-56-3-PS-1.
* ISOMETRIC: 358 R1			
D6-52-1-PS-4	SUPPORT	V13503	
* ISOMETRIC: 375-3 R2			
S1-74-5-DS-2	SUPPORT	V13547	
S1-74-5-R-330	SUPPORT	V13547	
* ISOMETRIC: 375-5 R1			
S1-72-7-DS-1	SUPPORT	V13540	
* ISOMETRIC: 375-6 R1			
S1-73-4-R-305A	SUPPORT	V13504	
S1-73-6-R-324	SUPPORT	V13504	
S1-73-7-R-325	SUPPORT	V13509	
S1-73-7-DS-2	SUPPORT	V13509	
* ISOMETRIC: 999-1 R1			
DLW-LOOP1-9-SH-3	SUPPORT	V13611	
* ISOMETRIC: 999-4 R2			
DLW-PRESS-1-SH-1	SUPPORT	V13586	EXPANDED SCOPE FOR REJECT ON DLW-PRESS-SH-2
DLW-PRESS-1-SH-2	SUPPORT	V13496	DR-88010 FOR LOAD SETTING
		V13601	
** ASME ITEM NUMBER/EXAM CATEGORY: 804.12 B-B-2			
* ISOMETRIC: 352-1 R1			
ORIFICE (7)-B-1	BOLTING	V13500	
ORIFICE (7)-B-2	BOLTING	V13500	
ORIFICE (7)-B-3	BOLTING	V13500	
ORIFICE (7)-B-4	BOLTING	V13500	
ORIFICE (7)-B-5	BOLTING	V13500	

CLASS 1 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVP5 UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
ORIFICE (7)-8-6	BOLTING	V13500	
ORIFICE (7)-8-7	BOLTING	V13500	
ORIFICE (7)-8-8	BOLTING	V13500	
# ISOMETRIC: 352-3 R1			
ORIFICE (8)-8-1	BOLTING	V13501	
ORIFICE (8)-8-2	BOLTING	V13501	
ORIFICE (8)-8-3	BOLTING	V13501	
ORIFICE (8)-8-4	BOLTING	V13501	
ORIFICE (8)-8-5	BOLTING	V13501	
ORIFICE (8)-8-6	BOLTING	V13501	
ORIFICE (8)-8-7	BOLTING	V13501	
ORIFICE (8)-8-8	BOLTING	V13501	
## ASME ITEM NUMBER/EXAM CATEGORY: B05.04 B-K-1			
# ISOMETRIC: RCP1-4 R1			
RC-P-1B-W5-1	WELDED SUPPORT	PT88-098	LIMITED PT EXAM DUE TO PHYSICAL RESTRICTIONS
RC-P-1B-W5-2	WELDED SUPPORT	PT88-098	LIMITED PT EXAM DUE TO PHYSICAL RESTRICTIONS
RC-P-1B-W5-3	WELDED SUPPORT	PT88-098	LIMITED PT EXAM DUE TO PHYSICAL RESTRICTIONS
## ASME ITEM NUMBER/EXAM CATEGORY: B05.06 B-L-1			
# ISOMETRIC: RCP1-3 R1			
RC-P-1B-C-1	CASING WELD	PT88-097	LIMITED PT EXAM DUE SUPPORT STRUCTURES
## ASME ITEM NUMBER/EXAM CATEGORY: B06.01 B-G-1			
# ISOMETRIC: LOOP3-1 R1			
MOV-RC-594-83-1	BOLTING	UT88-046	
MOV-RC-594-83-2	BOLTING	UT88-046	
MOV-RC-594-83-3	BOLTING	UT88-046	
MOV-RC-594-83-4	BOLTING	UT88-046	
MOV-RC-594-83-5	BOLTING	UT88-046	
MOV-RC-594-83-6	BOLTING	UT88-046	
MOV-RC-594-83-7	BOLTING	UT88-046	
MOV-RC-594-83-8	BOLTING	UT88-046	
MOV-RC-594-83-9	BOLTING	UT88-046	
MOV-RC-594-83-10	BOLTING	UT88-046	
MOV-RC-594-83-11	BOLTING	UT88-046	
MOV-RC-594-83-12	BOLTING	UT88-046	
MOV-RC-594-83-13	BOLTING	UT88-046	
MOV-RC-594-83-14	BOLTING	UT88-046	
MOV-RC-594-83-15	BOLTING	UT88-046	
MOV-RC-594-83-16	BOLTING	UT88-046	
MOV-RC-594-83-17	BOLTING	UT88-046	

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
MOV-RC-594-83-18	BOLTING	UT88-846	
MOV-RC-594-83-19	BOLTING	UT88-846	
MOV-RC-594-83-20	BOLTING	UT88-846	
MOV-RC-594-83-21	BOLTING	UT88-846	
MOV-RC-594-83-22	BOLTING	UT88-846	
MOV-RC-594-83-23	BOLTING	UT88-846	
MOV-RC-594-83-24	BOLTING	UT88-846	
MOV-RC-595-83-25	BOLTING	UT88-847	
MOV-RC-595-83-26	BOLTING	UT88-847	
MOV-RC-595-83-27	BOLTING	UT88-847	
MOV-RC-595-83-28	BOLTING	UT88-847	
MOV-RC-595-83-29	BOLTING	UT88-847	
MOV-RC-595-83-30	BOLTING	UT88-847	
MOV-RC-595-83-31	BOLTING	UT88-847	
MOV-RC-595-83-32	BOLTING	UT88-847	
MOV-RC-595-83-33	BOLTING	UT88-847	
MOV-RC-595-83-34	BOLTING	UT88-847	
MOV-RC-595-83-35	BOLTING	UT88-847	
MOV-RC-595-83-36	BOLTING	UT88-847	
MOV-RC-595-83-37	BOLTING	UT88-847	
MOV-RC-595-83-38	BOLTING	UT88-847	
MOV-RC-595-83-39	BOLTING	UT88-847	
MOV-RC-595-83-40	BOLTING	UT88-847	
MOV-RC-595-83-41	BOLTING	UT88-847	
MOV-RC-595-83-42	BOLTING	UT88-847	
MOV-RC-595-83-43	BOLTING	UT88-847	
MOV-RC-595-83-44	BOLTING	UT88-847	
MOV-RC-595-83-45	BOLTING	UT88-847	
MOV-RC-595-83-46	BOLTING	UT88-847	
MOV-RC-595-83-47	BOLTING	UT88-847	
MOV-RC-595-83-48	BOLTING	UT88-847	

ASME ITEM NUMBER/EXAM CATEGORY: B06.03 B-6-1

ISOMETRIC: LOOP3-1 R1

MOV-RC-594-83-1	BOLTING	V13544	
MOV-RC-594-83-2	BOLTING	V13544	
MOV-RC-594-83-3	BOLTING	V13544	
MOV-RC-594-83-4	BOLTING	V13544	
MOV-RC-594-83-5	BOLTING	V13544	
MOV-RC-594-83-6	BOLTING	V13544	
MOV-RC-594-83-7	BOLTING	V13544	
MOV-RC-594-83-8	BOLTING	V13544	
MOV-RC-594-83-9	BOLTING	V13544	
MOV-RC-594-83-10	BOLTING	V13544	
MOV-RC-594-83-11	BOLTING	V13544	

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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
MOV-RC-594-83-12	BOLTING	V13544	
MOV-RC-594-83-13	BOLTING	V13544	
MOV-RC-594-83-14	BOLTING	V13544	
MOV-RC-594-83-15	BOLTING	V13544	
MOV-RC-594-83-16	BOLTING	V13544	
MOV-RC-594-83-17	BOLTING	V13544	
MOV-RC-594-83-18	BOLTING	V13544	
MOV-RC-594-83-19	BOLTING	V13544	
MOV-RC-594-83-20	BOLTING	V13544	
MOV-RC-594-83-21	BOLTING	V13544	
MOV-RC-594-83-22	BOLTING	V13544	
MOV-RC-594-83-23	BOLTING	V13544	
MOV-RC-594-83-24	BOLTING	V13544	
MOV-RC-595-83-25	BOLTING	V13544	
MOV-RC-595-83-26	BOLTING	V13544	
MOV-RC-595-83-27	BOLTING	V13544	
MOV-RC-595-83-28	BOLTING	V13544	
MOV-RC-595-83-29	BOLTING	V13544	
MOV-RC-595-83-30	BOLTING	V13544	
MOV-RC-595-83-31	BOLTING	V13544	
MOV-RC-595-83-32	BOLTING	V13544	
MOV-RC-595-83-33	BOLTING	V13544	
MOV-RC-595-83-34	BOLTING	V13544	
MOV-RC-595-83-35	BOLTING	V13544	
MOV-RC-595-83-36	BOLTING	V13544	
MOV-RC-595-83-37	BOLTING	V13544	
MOV-RC-595-83-38	BOLTING	V13544	
MOV-RC-595-83-39	BOLTING	V13544	
MOV-RC-595-83-40	BOLTING	V13544	
MOV-RC-595-83-41	BOLTING	V13544	
MOV-RC-595-83-42	BOLTING	V13544	
MOV-RC-595-83-43	BOLTING	V13544	
MOV-RC-595-83-44	BOLTING	V13544	
MOV-RC-595-83-45	BOLTING	V13544	
MOV-RC-595-83-46	BOLTING	V13544	
MOV-RC-595-83-47	BOLTING	V13544	
MOV-RC-595-83-48	BOLTING	V13544	

* ASME ITEM NUMBER/EXAM CATEGORY: B06.05 B-K-2

* ISOMETRIC: 107-1 R1

RH-23-1-SH-11F VALVE SUPPORT V13507

* ISOMETRIC: 350-2 R2

RC-H-36 VALVE SUPPORT V13480

RC-H-38 VALVE SUPPORT V13480

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	NDE REPORT NUMBER	OUTAGE REMARKS
*****	*****	*****	*****
RC-H-40	VALVE SUPPORT	V13480	
** ASME ITEM NUMBER/EXAM CATEGORY: B06.07 B-M-2			
# ISOMETRIC: 999-3 R1			
MOV-RC-587	VALVE BODY	V13457	
** ASME ITEM NUMBER/EXAM CATEGORY: B06.09 B-G-2			
# ISOMETRIC: 350-2 R2			
RV-RC-551C-8-1	VALVE BOLTING	V13474	
RV-RC-551C-8-2	VALVE BOLTING	V13474	
RV-RC-551C-8-3	VALVE BOLTING	V13474	
RV-RC-551C-8-4	VALVE BOLTING	V13474	
RV-RC-551C-8-5	VALVE BOLTING	V13474	
RV-RC-551C-8-6	VALVE BOLTING	V13474	
RV-RC-551C-8-7	VALVE BOLTING	V13474	
RV-RC-551C-8-8	VALVE BOLTING	V13474	
# ISOMETRIC: 353-1 R1			
IRC-25-B-1	VALVE BOLTING	V13542	
IRC-25-B-2	VALVE BOLTING	V13542	
IRC-25-B-3	VALVE BOLTING	V13542	
IRC-25-B-4	VALVE BOLTING	V13542	
IRC-25-B-5	VALVE BOLTING	V13542	
IRC-25-B-6	VALVE BOLTING	V13542	
IRC-25-B-7	VALVE BOLTING	V13542	
IRC-25-B-8	VALVE BOLTING	V13542	
IRC-25-B-9	VALVE BOLTING	V13542	
IRC-25-B-10	VALVE BOLTING	V13542	
IRC-25-B-11	VALVE BOLTING	V13542	
IRC-25-B-12	VALVE BOLTING	V13542	
** ASME ITEM NUMBER/EXAM CATEGORY: B14.10 B-D			
# ISOMETRIC: RCR1-9 R1			
RC-R-1-CRDM-44	BUTT WELD	PT88-871	
RC-R-1-CRDM-51	BUTT WELD	PT88-871	
RC-R-1-CRDM-63	BUTT WELD	PT88-871	
** ASME ITEM NUMBER/EXAM CATEGORY: NR0612			
# ISOMETRIC: W-113E761			
RVCH-LUG-A	LIFTING LUG	MT88-802	
RVCH-LUG-B	LIFTING LUG	MT88-802	
RVCH-LUG-C	LIFTING LUG	MT88-802	

CLASS 1 EXAMINATIONS

DUQUECNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
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ASME ITEM NUMBER/EXAM CATEGORY: R61.14

ISOMETRIC: RCPI-4 R1
RC-P-1A-FLYWHEEL FLYWHEEL

UT88-001 LIMITED UT EXAM DUE TO WHEEL CONFIG. PT EXAM PERFORMED.
PT88-001
UT88-010

DUBUQUE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
** ASME ITEM NUMBER/EXAM CATEGORY: C1.1 C-A			
* ISOMETRIC: 4.21-58			
RS-E-1B-C-2	CIRCUMFERENTIAL BUTT WELD	PT88-014	EXAMINED 14" (13.98%), CW, 17" FROM C/L NOZZLE 6
RS-E-1D-C-5	CIRCUMFERENTIAL BUTT WELD	PT88-032	EXAMINED 3 - 2.5" (7.5%) AREAS @ 0, 180 DEG, FROM C/L NOZZLE 7
RS-E-1A-C-1	CIRCUMFERENTIAL BUTT WELD	PT88-033	EXAMINED 10" (9.93%), 12" CCW FROM C/L NOZZLE 6
RS-E-1C-C-4	CIRCUMFERENTIAL BUTT WELD	PT88-019	100% PT EXAMINED
* ISOMETRIC: RHE1 R1			
RH-E-1B-C-2	CIRCUMFERENTIAL BUTT WELD	UT88-068 PT88-076	PT EXAMINED 19" (15.2%), 10" CCW FROM C/L OUTLET NOZZLE. LIMITED UT EXAMINED 4" (3.2%), 10" CCW FROM C/L OUTLET NOZZLE.
** ASME ITEM NUMBER/EXAM CATEGORY: C1.2 C-B			
* ISOMETRIC: 4.21-58			
RS-E-1C-N-7	NOZZLE-TO-VESSEL WELD	PT88-060 V13493	WELD SURFACE MARGINAL FOR PT EXAM
* ISOMETRIC: RHE1 R1			
RH-E-1A-N-3	NOZZLE/VESSEL REINFORCEMENT	PT88-077 V13574	EXAMINED THE REINFORCING SADDLE WELD
** ASME ITEM NUMBER/EXAM CATEGORY: C1.3 C-C			
* ISOMETRIC: 4.21-58			
RS-E-1B-WB-2	WELDED ATTACHMENT SUPPORT	PT88-072	
* ISOMETRIC: SITK1 R1			
SI-7X-1C-WB-4	WELDED ATTACHMENT SUPPORT	MT88-023	EXAMINED 25.5" (15.9%), 10" LEFT OF MANWAY C/L
** ASME ITEM NUMBER/EXAM CATEGORY: C1.4 C-D			
* ISOMETRIC: CHE2 R1			
CH-E-2-B-1	BOLTING	V13471	VT ONLY
CH-E-2-B-2	BOLTING	V13471	VT ONLY
CH-E-2-B-3	BOLTING	V13471	VT ONLY
CH-E-2-B-4	BOLTING	V13471	VT ONLY
CH-E-2-B-5	BOLTING	V13471	VT ONLY
CH-E-2-B-6	BOLTING	V13471	VT ONLY
CH-E-2-B-7	BOLTING	V13471	
		UT87-023	
CH-E-2-B-8	BOLTING	V13471	VT ONLY
CH-E-2-B-9	BOLTING	V13471	
		UT87-023	
CH-E-2-B-10	BOLTING	V13471	VT ONLY
CH-E-2-B-11	BOLTING	V13471	

DUCESNE LIGHT COMPANY
BAPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
		UT87-023	
CH-E-2-B-12	BOLTING	V13471	VT ONLY
CH-E-2-B-13	BOLTING	V13471	
		UT87-023	
CH-E-2-B-14	BOLTING	V13471	VT ONLY
CH-E-2-B-15	BOLTING	V13471	
		UT87-023	
CH-E-2-B-16	BOLTING	V13471	
		UT87-023	
CH-E-2-B-17	BOLTING	V13471	
		UT87-023	
CH-E-2-B-18	BOLTING	V13471	
		UT87-023	
CH-E-2-B-19	BOLTING	V13471	
		UT87-023	
CH-E-2-B-20	BOLTING	V13471	VT ONLY
CH-E-2-B-21	BOLTING	V13471	
		UT87-023	
CH-E-2-B-22	BOLTING	V13471	
		UT87-023	
CH-E-2-B-23	BOLTING	V13471	
		UT87-023	
CH-E-2-B-24	BOLTING	V13471	
		UT87-023	
CH-E-2-B-25	BOLTING	V13471	VT ONLY
CH-F-2-B-26	BOLTING	V13471	
		UT87-023	
CH-E-2-B-27	BOLTING	V13471	VT ONLY
CH-E-2-B-28	BOLTING	V13471	
		UT87-023	
CH-E-2-B-29	BOLTING	V13471	VT ONLY
CH-E-2-B-30	BOLTING	V13471	
		UT87-023	
CH-E-2-B-31	BOLTING	V13471	VT ONLY
CH-E-2-B-32	BOLTING	V13471	
		UT87-023	
CH-E-2-B-33	BOLTING	V13471	VT ONLY
CH-E-2-B-34	BOLTING	V13471	VT ONLY
CH-E-2-B-35	BOLTING	V13471	VT ONLY
CH-E-2-B-36	BOLTING	V13471	VT ONLY

* ASME ITEM NUMBER, EXAM CATEGORY, CODE, C-F

* ISOMETRIC: 187-3 R3

61-101-1-F-31 PIPE WELD FT88-887 FT ONLY

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVPB UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 108-1 R1			
SI-110-1-F-02	PIPE WELD	PT88-061	PT ONLY
SI-111-1-F-02	PIPE WELD	PT88-061	PT ONLY
* ISOMETRIC: 109 R1			
SI-28-1-S-05	PIPE WELD	UT87-003 PT88-107	LIMITED UT EXAM DUE TO REDUCER.
SI-16-8-F-09	PIPE WELD	UT88-007 PT88-047	EXPANDED SCOPE FOR REJECT ON SI-18-1-F-01, E68-017 FOR EVALUATION OF GEOMETRIC IND.
SI-18-1-F-01	PIPE WELD	UT87-012 PT87-016 UT87-014 PT88-007	DR-87110 PT INDICATION. LIMITED EXAM DUE TO VALVE BODY (60% EXAMINED).
SI-18-1-S-04	PIPE WELD	UT87-013 PT87-015 UT87-015	
SI-18-1-S-05	PIPE WELD	UT87-016 PT87-028	LIMITED UT EXAM DUE TO REDUCER.
SI-18-1-S-06	PIPE WELD	UT87-024 PT88-107	LIMITED UT EXAM DUE TO REDUCER.
SI-15-1-F-01	PIPE WELD	PT87-019 V10794	DR-87111 FOR ARC STRIKES
SI-15-1F-F-10	PIPE WELD	PT88-107 UT87-003 PT88-006	LIMITED UT EXAM DUE TO RADIUS.
* ISOMETRIC: 114 R1			
P12-8-F-01	PIPE WELD	PT87-020	PT ONLY
P12-8-S-24	PIPE WELD	PT87-020	PT ONLY
P12-81-F-09	PIPE WELD	PT87-016	PT ONLY
* ISOMETRIC: 115 R1			
P11-8-F-01	PIPE WELD	PT87-027	PT ONLY
P11-8-S-0A	PIPE WELD	PT87-025	PT ONLY
P11-8-F-09	PIPE WELD	PT87-014	PT ONLY
* ISOMETRIC: 120-1 R1			
SI-33-10-S-07	PIPE WELD	PT88-011 PT88-102	DR-88012 FOR PT UNSAT. PT ONLY.
SI-33-10-S-06	PIPE WELD	PT88-040	
SI-33-10-S-05	PIPE WELD	PT88-040	PT ONLY. EXPANDED SCOPE FOR REJECT ON SI-33-10-S-07
SI-33-10-S-03	PIPE WELD	UT88-016 PT88-015	
* ISOMETRIC: 120-2 R1			
SI-32-10-S-01	PIPE WELD	PT88-020	PT ONLY

DUGUESNE LIGHT COMPANY
8VPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 222-1 R1			
SI-20-1-F-01	PIPE WELD	PT88-074	PT ONLY
SI-20-1-S-01	PIPE WELD	PT88-074	PT ONLY
* ISOMETRIC: 272 R2			
SI-TK-2-E-01	PIPE WELD	PT88-109 V13447	PT ONLY
SI-TK-2-E-02	PIPE WELD	PT88-110 V13447 PT88-118 PT88-119	PT ONLY. DR-57126 FOR VT ARC STRIKES. DR-68046 FOR PT UNSATS. E88-037 ACCEPTS PT IND. EM-63448 ACCEPTS SURFACE CONTOUR.
* ISOMETRIC: 276-1 R1			
SI-40-7-S-03	PIPE WELD	PT87-013 UT87-006 V13427	
* ISOMETRIC: 277-2 R1			
SI-2-9-S-02	PIPE WELD	PT87-029 V13450	
* ISOMETRIC: 375-1 R1			
SI-34-1-S-03	PIPE WELD	PT88-016	PT ONLY
* ISOMETRIC: 375-2 R1			
SI-74-1-F-01	PIPE WELD	PT88-354	
* ISOMETRIC: 74-2 R2			
RH-18-1-F-01	PIPE WELD	PT88-005	PT ONLY
RH-18-1-S-08	PIPE WELD	UT88-005 PT88-004	E88-017 FOR EVALUATION OF GEOMETRIC IND. EXPANDED SCOPE DUE TO REJECT ON RH-18-1-S-04
RH-18-1-S-09	PIPE WELD	PT88-004	PT ONLY
RH-18-1-S-04	PIPE WELD	PT88-004	DR-88008 FOR PT UNSAT. EM-60434 ACCEPTS PT IND.
RH-18-1-S-01	PIPE WELD	UT88-011	E88-021,022 FOR EVALUATION OF GEOMETRIC IND.
* ISOMETRIC: 74-3 R2			
RH-12-1-F-01	PIPE WELD	PT88-013	PT ONLY
RH-12-1-S-13	PIPE WELD	PT88-013	PT ONLY
RH-12-1-S-11	PIPE WELD	UT88-036 PT88-005 PT88-006	DR-88028 FOR PT INDICATIONS.
RH-12-1-S-10	PIPE WELD	PT88-001	DR-88028 PARTIAL PT ONLY OF AREA 11 O'CLOCK TO 2:00.
RH-12-1-S-08	PIPE WELD	PT88-008	PT ONLY. SEE E88-005 TO 013 FOR ACCEPT. OF PT INDICATIONS.
RH-4-1-F-01	PIPE WELD	PT88-014	PT ONLY
RH-4-3A-F-06	PIPE WELD	UT88-007 PT88-006	EXPANDED SCOPE FOR REJECT ON RH-12-1-S-11. LIMITED UT EXAM DUE TO RESTRAINT
RH-8-1-F-01	PIPE WELD	PT88-008	PT ONLY

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
 BVPS UNIT 1 1987-88 OUTAGE
 NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
# ISOMETRIC: 75-1 R2			
RH-19-1-F-01	PIPE WELD	PT88-011	PT ONLY
RH-12-28-S-08	PIPE WELD	PT88-012	PT ONLY
# ISOMETRIC: 75-2 R2			
RH-12-4-F-03	PIPE WELD	PT88-003	IDR-049 FOR NON-REJ GOUGES 2" UPSTREAM. PT ONLY. V13475
RH-12-5-F-04	PIPE WELD	PT88-003	PT ONLY
RH-12-5-F-06	PIPE WELD	PT88-002	PT ONLY
# ISOMETRIC: 81-1 R1			
RS-23-3-F-07	PIPE WELD	PT88-001	PT ONLY
# ISOMETRIC: 81-5 R1			
RS-21-4-5-01	PIPE WELD	PT88-001	PT ONLY
# ISOMETRIC: 83-1 R1			
SI-7-1-S-02	PIPE WELD	PT87-017	PT ONLY
SI-7-1-F-06	PIPE WELD	PT87-017	PT ONLY
SI-6-1-S-02	PIPE WELD	PT87-017	PT ONLY
SI-6-1-F-S-1	PIPE WELD	PT87-017	DR-87111 ARC STRIKE V13394 PT88-105
# ISOMETRIC: 83-2 R1			
SI-1-6-F-02	PIPE WELD	UT87-011	
SI-1-7-S-02	PIPE WELD	UT87-010	
SI-1-7-S-01	PIPE WELD	UT87-009	
# ASME ITEM NUMBER/EXAM CATEGORY: C2.1 C-6			
# ISOMETRIC: 1-1 R1			
SHP-56-9-F-11	PIPE WELD	UT87-024	MT87-040
# ISOMETRIC: 1-2 R1			
SI-57-4-F-07	PIPE WELD	UT87-025	MT87-039
# ISOMETRIC: 2-1 R2			
SHP-19-1-S-02	PIPE WELD	MT87-017	MT ONLY
# ISOMETRIC: 62-1 R1			
WFPD-22-2-S-01	PIPE WELD	MT87-041	MT ONLY
WFPD-24-7A-F-09	PIPE WELD	UT88-015	EXPANDED SCOPE FOR REJECT ON 3/8 NOZZLE WELDS
		UT88-096	

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
8VPS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
WFPD-24-7A-S-03	PIPE WELD	UT88-014	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-035 FOR EVALUATION OF GEOMETRIC IND.
WFPD-24-7A-S-02	PIPE WELD	UT88-013 UT88-016	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-005, -034 FOR EVALUATION OF GEOMETRIC IND.
* ISOMETRIC: 62-2 R1			
WFPD-23-6A-F-08	PIPE WELD	UT88-006	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-005 FOR EVALUATION OF GEOMETRIC IND.
WFPD-23-6A-S-03	PIPE WELD	UT88-005	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-004 FOR EVALUATION OF GEOMETRIC IND.
WFPD-23-6A-S-02	PIPE WELD	UT87-018 UT88-004	
* ISOMETRIC: 62-7 R1			
WFPD-22-8A-F-09	PIPE WELD	UT88-020	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS
WFPD-22-8C-F-98	PIPE WELD	UT88-021	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS
WFPD-22-8D-F-9C	PIPE WELD	UT88-022	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS
WFPD-22-8D-S-02	PIPE WELD	UT88-024	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-003 FOR EVALUATION OF GEOMETRIC IND.
WFPD-22-8D-F-9D	PIPE WELD	UT88-023	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS
* ISOMETRIC: WM-P*2301			
WFPD-F-02	PIPE WELD	UT88-003 RT88-043 UT88-009 MT88-040	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-028 FOR EVALUATION OF GEOMETRIC IND.
WFPD-F-01	PIPE WELD	RT87-075 RT88-044 UT88-008 MT88-040	DR-8714 FOR RT INDICATIONS. E88-029 FOR EVALUATION OF GEOMETRIC IND.
* ISOMETRIC: WM-8824.3			
WFPD-F-02	PIPE WELD	UT88-093 RT88-039 MT88-042	EXPANDED SCOPE FOR REJECT ON S/G NOZZLE WELDS. E88-031 FOR EVALUATION OF GEOMETRIC IND.
WFPD-F-01	PIPE WELD	RT88-001 RT88-040 UT88-092 MT88-042	DR-88005 FOR LINEAR IND. EXPANDED SCOPE FOR REJECT ON WFPD-23-6A-F-09. E88-030 FOR EVALUATION OF GEOM IND.
* ISOMETRIC: WM-882454			
WFPD-F-02	PIPE WELD	UT88-095 RT88-041 MT88-045	E88-033 FOR EVALUATION OF GEOMETRIC IND.
WFPD-F-01	PIPE WELD	RT88-002 RT88-042	DR-88006 FOR LINEAR IND. EXPANDED SCOPE FOR REJECT ON WFPD-23-6A-F-09. E88-032 FOR EVALUATION OF GEOM IND.

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
84PS UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
WFPO-F-01	PIPE WELD	MT88-045 UT88-094	
** ASME ITEM NUMBER/EXAM CATEGORY: C2.2 C-F			
# ISOMETRIC: 112-2 R1 RS-LB-32	ALIGNING CONN. WELD	PT87-012 V13391	
# ISOMETRIC: 115 R1 SI-4B-1-F-LB-5	ALIGNING CONN. WELD	PT87-011 V13406	
# ISOMETRIC: 16202 R1 SI-LB-7	ALIGNING CONN. WELD	PT87-012 V13391 PT88-108	DR-87109 ARC STRIKE ON PIPE 3' LONG
# ISOMETRIC: 78-4 R1 RS-12-4B-F-46	ALIGNING CONN. WELD	PT88-070 V13575	
# ISOMETRIC: 83-1 R1 SI-5-1H-F-1P	ALIGNING CONN. WELD	PT88-105 V13394	DR-87111 ARC STRIKES.
# ISOMETRIC: 83-2 R1 SI-1-7A-F-3B	ALIGNING CONN. WELD	PT87-016 V13393	
** ASME ITEM NUMBER/EXAM CATEGORY: C2.3 C-B			
# ISOMETRIC: 2-1 R2 SHP-56-10-6-12	REINFORCING RING WELD	MT87-017	
# ISOMETRIC: 2-3 R2 SHP-58-5-5-1 SHP-58-5-8-12	REINFORCING RING WELD REINFORCING RING WELD	MT87-018 MT87-018	
** ASME ITEM NUMBER/EXAM CATEGORY: C2.4 C-D			
# ISOMETRIC: 2-3 R2 FLANGE (2)-B-1	BOLTING	V13451 UT87-022	
FLANGE (1)-B-1	BOLTING	V13451 UT87-021	

CLASS 2 EXAMINATIONS

DUGUESNE LIGHT COMPANY
BVPS UNIT I 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION =====	COMPONENT DESCRIPTION =====	NDE REPORT NUMBER =====	OUTAGE REMARKS =====
FLANGE (2)-B-2	BOLTING	V13451 UT87-022	
FLANGE (2)-B-3	BOLTING	V13451 UT87-022	
FLANGE (2)-B-4	BOLTING	V13451 UT87-022	
FLANGE (2)-B-5	BOLTING	V13451 UT87-022	
FLANGE (2)-B-6	BOLTING	V13451 UT87-022	
FLANGE (2)-B-7	BOLTING	V13451 UT87-022	
FLANGE (2)-B-8	BOLTING	V13451 UT87-022	
FLANGE (2)-B-9	BOLTING	V13451 UT87-022	
FLANGE (2)-B-10	BOLTING	V13451 UT87-022	
FLANGE (2)-B-11	BOLTING	V13451 UT87-022	
FLANGE (2)-B-12	BOLTING	V13451 UT87-022	
FLANGE (1)-B-2	BOLTING	V13451 UT87-021	
FLANGE (1)-B-3	BOLTING	V13451 UT87-021	
FLANGE (1)-B-4	BOLTING	V13451 UT87-021	
FLANGE (1)-B-5	BOLTING	V13451 UT87-021	
FLANGE (1)-B-6	BOLTING	V13451 UT87-021	
FLANGE (1)-B-7	BOLTING	V13451 UT87-021	
FLANGE (1)-B-8	BOLTING	V13451 UT87-021	
FLANGE (1)-B-9	BOLTING	V13451 UT87-021	
FLANGE (1)-B-10	BOLTING	V13451 UT87-021	
FLANGE (1)-B-11	BOLTING	V13451 UT87-021	
FLANGE (1)-B-12	BOLTING	V13451 UT87-021	

DUQUESNE LIGHT COMPANY
BVP5 UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION =====	COMPONENT DESCRIPTION =====	NDE REPORT NUMBER =====	OUTAGE REMARKS =====
* ISOMETRIC: 75-1 R2			
MOV-RH-758-STUD-1	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-2	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-3	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-4	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-5	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-6	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-7	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-8	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-9	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-758-STUD-10	FLANGE BOLTING (NUTS)	V13484 UT88-012	
MOV-RH-605-STUD-1	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-2	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-3	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-4	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-5	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-6	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-7	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-8	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-9	FLANGE BOLTING (NUTS)	V13624 UT88-012	
MOV-RH-605-STUD-10	FLANGE BOLTING (NUTS)	V13624 UT88-012	

** ASME ITEM NUMBER/EXAM CATEGORY: C2.5 C-E-1

* ISOMETRIC: 109 R1
SI-16-6-A-01 WELDED ATTACHMENT SNUDDER PT87-019

DUQUESNE LIGHT COMPANY
BVPS UNIT 1 1987-88 OUTAGE
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
SI-16-6-A-82	WELDED ATTACHMENT SNUBBER	PT87-019	
* ISOMETRIC: 115 R1 P11-81-A-81	WELDED ATTACHMENT SNUBBER	PT87-026	INSPECTED PER EM-90025 SAT.
* ISOMETRIC: 279-3 R1 SI-44-4-A-85	WELDED ATTACHMENT SNUBBER	PT87-029	
* ISOMETRIC: 78-1 R1 RS-22-2-A-87	WELDED ATTACHMENT SUPPORT	PT88-001	
** ASME ITEM NUMBER/EXAM CATEGORY: C2.6 C-E-2			
* ISOMETRIC: 109 R1 SI-18-1-SH-63	SUPPORT	V13405	
* ISOMETRIC: 208 R1 RH-16-1-A-1	SUPPORT	V13479	
* ISOMETRIC: 222-1 R1 SI-20-4-R-110-2	SUPPORT	V13584	
* ISOMETRIC: 276-1 R1			
SI-40-7-R-20B	SUPPORT	V13387	
SI-40-7-R-20	SUPPORT	V13388	DR-87106 CONCRETE CRACKING. EM-63146 ACCEPTS CRACKING
SI-40-8-R-20A	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-40-8-R-21	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-40-8-R-22	SUPPORT	V13387	
SI-40-8B-R-23	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-40-8B-R-23A	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-40-9B-R-24	SUPPORT	V13514	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
SI-40-9B-R-25	SUPPORT	V13514	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
SI-40-9B-R-26	SUPPORT	V13514	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
* ISOMETRIC: 277-1 R1			
SI-44-8-R-29B	SUPPORT	V13387	
SI-44-8-R-29	SUPPORT	V13388	DR-87106 CONCRETE CRACKING. EM-63146 ACCEPTS CRACKS
SI-44-9-R-29A	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-44-9-R-30	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-44-9-R-31	SUPPORT	V13387	
SI-44-9A-R-32	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-44-9A-R-32B	SUPPORT	V13591	DR-88042 BASE PL. GAP. EM-63160 ACCEPTS GAP.
SI-44-12D-R-33	SUPPORT	V13515	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
SI-44-12D-R-34	SUPPORT	V13515	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A

CLASS 2 EXAMINATIONS

DUGUESNE LIGHT COMPANY
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COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
SI-44-120-R-172	SUPPORT	V13515	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
# ISOMETRIC: 279-1 R1 SI-40-2A-R-11A	SUPPORT	V13363	
# ISOMETRIC: 279-2 R1 SI-40-5-A-6	SUPPORT	V13367	
SI-40-6-R-100	SUPPORT	V13525	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
SI-40-7E-R-19	SUPPORT	V13525	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
# ISOMETRIC: 279-3 R1 SI-44-3-R-11	SUPPORT	V13367	
# ISOMETRIC: 279-4 R1 SI-44-7-R-179	SUPPORT	V13526	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
SI-44-8-R-28	SUPPORT	V13526	EXPANDED SCOPE FOR REJECT ON SI-R-20 TO 23A, 30 TO 32A
# ISOMETRIC: 375-1 R1 SI-3A-1-DS-1	SUPPORT	V13510	
# ISOMETRIC: 74-3 R2 RH-12-1-A-7	SUPPORT	V13483	
# ISOMETRIC: 75-1 R2 RH-10-2-R-22	SUPPORT	V13483	
RH-9-1-GH-25	SUPPORT	V13483	
RH-9-1-DS-3	SUPPORT	V13548	
RH-9-1-A-27	SUPPORT	V13483	
# ISOMETRIC: 81-1 R1 RS-11-7C-A-66	SUPPORT	V13606	LIMITED EXAM DUE TO ACCESSIBILITY
# ISOMETRIC: 83-2 R1 SI-1-6A-5H-52	SUPPORT	V13392	
** ASME ITEM NUMBER/EXAM CATEGORY: C3.1 C-F			
# ISOMETRIC: DLW2-3120 SI-P-1A-1	PUMP CASING WELD	PT87-022 PT88-083 PT88-092	DR-87115 FOR PT INDICATIONS.
SI-P-1A-2	PUMP CASING WELD	PT87-022 PT88-083	DR-87115 FOR PT INDICATIONS.
SI-P-1B-1	PUMP CASING WELD	PT88-048	EXPANDED SCOPE FOR REJECT ON SI-P-1A-1
SI-P-1B-2	PUMP CASING WELD	PT88-048	EXPANDED SCOPE FOR REJECT ON SI-P-1A-2
SI-P-1B-3	PUMP CASING WELD	PT87-022	

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVP8 UNIT 1 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
SI-P-1B-4	PUMP CASING WELD	PT87-022	
* ISOMETRIC: DLW2-3130			
RS-P-2A-1	PUMP CASING WELD	UT87-017 PT87-021	
RS-P-2A-3	PUMP CASING WELD	PT87-021	
RS-P-2B-2	PUMP CASING WELD	PT87-023	
RS-P-2B-4	PUMP CASING WELD	PT87-021	
** ASME ITEM NUMBER/EXAM CATEGORY: C3.3 C-E-1			
* ISOMETRIC: DLW2-3130			
RS-P-2A-WS-1	WELDED ATTACHMENT SUPPORT	PT87-001	
RS-P-2A-WS-2	WELDED ATTACHMENT SUPPORT	PT88-044 PT88-106	DR-88029 FOR PT UNSAT. EXPANDED SCOPE FOR REJECT ON RS-P-2B-WS-2
RS-P-2A-WS-3	WELDED ATTACHMENT SUPPORT	PT88-085	EXPANDED SCOPE FOR REJECT ON RS-P-2A-WS-2
RS-P-2B-WS-1	WELDED ATTACHMENT SUPPORT	PT88-085	EXPANDED SCOPE FOR REJECT ON RS-P-2A-WS-2
RS-P-2B-WS-2	WELDED ATTACHMENT SUPPORT	PT87-002 PT88-093	DR-87105 PT UNSAT SEE ALSO EM-63104
RS-P-2B-WS-3	WELDED ATTACHMENT SUPPORT	PT87-003	
** ASME ITEM NUMBER/EXAM CATEGORY: C4.4 C-E-2			
* ISOMETRIC: 108-1 R1			
SI-110-1-SH-20	SUPPORT	V13402	
** ASME ITEM NUMBER/EXAM CATEGORY: D3.2 C-6			
* ISOMETRIC: 2-1 R2			
SHP-56-10-F-12	PIPE WELD	MT87-025	MT ONLY
* ISOMETRIC: 2-2 R2			
SHP-57-5-F-08	PIPE WELD	MT87-024	MT ONLY
SHP-57-5-S-14	BRANCH CONN. WELD	MT87-024	
* ISOMETRIC: 2-3 R2			
SHP-58-5-F-10	PIPE WELD	MT87-026	MT ONLY
SHP-58-5-S-44	BRANCH CONN. WELD	MT87-026	
SHP-58-5-S-49	BRANCH CONN. WELD	MT87-026	
SHP-58-5-S-13	BRANCH CONN. WELD	MT87-026	
SHP-58-5-S-14	BRANCH CONN. WELD	MT87-026	
* ISOMETRIC: 62-1 R1			
WFPD-22-1-F-03	PIPE WELD	MT87-037	MT ONLY

CLASS 2 EXAMINATIONS

DUQUESNE LIGHT COMPANY
BVPS UNIT I 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION *****	COMPONENT DESCRIPTION *****	NDE REPORT NUMBER *****	OUTAGE REMARKS *****
* ISOMETRIC: 62-2 R1 WFPD-23-1-F-03	PIPE WELD	UT87-019	
* ISOMETRIC: 62-3 R1 WFPD-24-1-F-03	PIPE WELD	MT87-038	MT ONLY

DUQUESNE LIGHT COMPANY
BVPS UNIT I 1987-88 OUTAGE
NINETY DAY REPORT

COMPONENT IDENTIFICATION =====	COMPONENT DESCRIPTION =====	NDE REPORT NUMBER =====	OUTAGE REMARKS =====
** ASME ITEM NUMBER/EXAM CATEGORY: IWD			
* ISOMETRIC: 150 R1 FC-1-A-21	SUPPORT	V13648	REMOTE EXAM, SUPPORT UNDERWATER
* ISOMETRIC: 175 R1 CC-476-SH-350A	SUPPORT	V13478	
* ISOMETRIC: 229 R1 WR-119-R-155	SUPPORT	V13336	LIMITED EXAM DUE TO INACCESSIBILITY
WR-119-R-154	SUPPORT	V13336	LIMITED EXAM DUE TO INACCESSIBILITY
WR-119-R-15C	SUPPORT	V13336	LIMITED EXAM DUE TO INACCESSIBILITY
WR-118-R-12	SUPPORT	V13385	LIMITED EXAM DUE TO INACCESSIBILITY
* ISOMETRIC: 69-1 R1 WR-29-VS-6	SUPPORT	V13344	
* ISOMETRIC: 69-2 R1 WR-17-SH-69	SUPPORT	V13344	DR-87893 LOW SPRING SETTING, SEE EM-62873 OQC Q80669
WR-17-R-69A	SUPPORT	V13344	
WR-17-SH-68	SUPPORT	V13344	
WR-17-SH-67	SUPPORT	V13344	DR-87893 LOW SPRING SETTING. SEE EM-62873 OQC Q80668
WR-17-R-67A	SUPPORT	V13344	
WR-53-SH-48	SUPPORT	V13344	DR-87894 LOW SPRING SETTING, JAM NUT LOOSE. SEE EM-62874 OQC Q80670
* ISOMETRIC: 70-2 R1 FC-9-R-8A	SUPPORT	V13343	LIMITED EXAM, SUPPORT UNDERWATER
FC-38-R-57	SUPPORT	V13343	LIMITED EXAM, SUPPORT UNDERWATER
* ISOMETRIC: 801 R1 WR-100-R-290A	SUPPORT	V13388	LIMITED EXAM DUE TO INACCESSIBILITY.
WR-100-R-290B	SUPPORT	V13388	LIMITED EXAM DUE TO INACCESSIBILITY.
* ISOMETRIC: 803 R1 WR-99-R-287B	SUPPORT	V13388	LIMITED EXAM DUE TO INACCESSIBILITY.
WR-99-R-287A	SUPPORT	V13388	LIMITED EXAM DUE TO INACCESSIBILITY.
WR-R-286	SUPPORT	V13388	LIMITED EXAM DUE TO INACCESSIBILITY.

DEFICIENCY REPORT SUMMARY

DR #	MARK NUMBER	EXAM REPORT	EXAM METHOD: PT	REPORTED DEFICIENCY	EM #	FINAL RESOLUTN	CLOSING DOCUMENT	RXM A/U	COMMENTS
** SUBJECT: PIPING EXAM METHOD: PT									
87110	SI-18-1-F-1	PT87-015	PT	1/2" ROUNDED INDICATION	EM63158	REPAIRED	PT-88-87	A	
88008	RH-18-1-S-04	PT88-004	PT	1/8" LINEAR INDICATION	EM63434	AS IS	EM	N/A	
88012	SI-33-16-S-07	PT88-015	PT	TWO 1/8" LINEAR INDICATIONS		REPAIRED	PT88-102	A	
88028	RH-12-1-S-11	PT88-055	PT	MULTIPLE LINEAR INDICATIONS.	EM73811	REPAIRED	PT88-056	A	
89030	06-47-3-S-01	PT89-049	PT	5/16" LINEAR INDICATION	EM63224	REPAIRED	PT88-101	A	
88046	SI-TK-2-E-02	PT88-110	PT	NUMEROUS LINEAR INDICATIONS.		REPAIRED	PT88-118	A	AND V13447.
** SUBJECT: PIPING EXAM METHOD: RT									
87134	WFPD-23-6A-F-9	RT87-075	RT	LONGITUDINAL CRACKS IN THE WELD	EM63169	REPLACED	RT88-044	A	
88025	WFPD-24-7A-F-10	RT88-001	RT	CRACKS OBSERVED IN THE COUNTERBORE AREA, PIPE SIDE.	EM63175	REPLACED	RT88-040	A	NOTE: These three welds are listed as WFPD-F-01's in Appendix II because the weld numbers changed when the repair weld was made.
88006	WFPD-22-8F-F-10	RT88-001	RT	CRACKS OBSERVED IN THE COUNTERBORE AREA, PIPE SIDE.	EM63176	REPLACED	RT88-042	A	
** SUBJECT: PIPING EXAM METHOD: VI									
87109	SI-LB-7	V13391	VI	3" LONG ARC STRIKE	EM63159	REPAIRED	PT88-108	A	
87111	SI-15-1-F-1	V13394	VI	ARC STRIKES	EM63161	REPAIRED	PT88-105	A	AND PT88-107.
87111	SI-6-IF-S-1	V13394	VI	ARC STRIKES	EM63161	REPAIRED	PT88-105	A	AND PT88-107
87111	SI-5-IH-F-1P	V13394	VI	ARC STRIKES	EM63161	REPAIRED	PT88-105	A	AND PT88-107
87126	SI-TK-2-E-02	V13447	VI	5/8" ARC STRIKE	EM63174	REPAIRED	PT88-119	A	
** SUBJECT: PUMPS EXAM METHOD: PT									
87105	RS-P-2B	PT87-002	PT	LINEAR INDICATIONS OF 1/8" & 9/32" IN THE 2WS SUPPORT WELD ON RECIRC. SPRAY PUMP	EM63104	REPAIRED	PT88-093	A	
87115	SI-F-1A	PT87-022	PT	LINEAR INDICATIONS ON WELDS 1 & 2.	EM63145	REPAIRED		A	PT88-092 FOR SI-F-1A AND PT88-093 FOR SI-F-1B.
88029	RS-P-2A-WS-2	PT88-044	PT	LINEAR INDICATION ON WELDED SUPPORT 2	EM63211	REPAIRED	PT88-105	A	

SIXTH REFUELING OUTAGE

DEFICIENCY REPORT SUMMARY

DR #	MARK NUMBER	EXAM REPORT	REPORTED DEFICIENCY	EM #	FINAL RESOLUTION	CLOSING DOCUMENT	RXM A/U	COMMENTS
** SUBJECT: <u>SUPPORTS</u> EXAM METHOD: <u>PT</u>								
88039	SI-121-5-A-04	SUPPORTS	THREE ROUNDED INDICATIONS ON THE THIRD LUG ASSOCIATED WITH SUPPORT SI-R-8	EM63440	REPAIRED	PT88-111	A	
** SUBJECT: <u>SUPPORTS</u> EXAM METHOD: <u>VT</u>								
87093	WR-SH-67	V13344	SPRING HANGER EXCEEDS HOT SETTING.	EM62873	REPAIRED	080668	A	
87093	WR-SH-69	V13344	SPRING HANGER EXCEEDS HOT SETTING	EM62873	REPAIRED	080669	A	
87094	WR-SH-48	V13344	SPRING HGR EXCEEDS HOT SETTING, LOOSE JAM NUT, & RODS RUBBING CONDUIT	EM62874	REPAIRED	080670	A	
87106	SI-R-20	V13388	CONCRETE CRACKING EMANATING FROM THE ANCHOR BOLT	EM63146	AS IS	EM	N/A	
87106	SI-R-29	V13388	CONCRETE CRACKING EMANATING FROM THE ANCHOR BOLT	EM63146	AS IS	N/A	A	
88010	RC-SH-2	V13496	SPRING HANGER OFF SCALE		REPAIRED	V13601	A	
88022	CH-PS-21	V13522	SPRING HANGER SETTING OUT OF TOLERANCE.		REPAIRED	081442	A	
88023	DG-FS-1	V13524	SPRING HANGER SETTING OUT OF TOLERANCE.		REPAIRED	081442	A	
88038	DG-56-2-PS-2	V13609	SUPPORT DOES NOT ENGAGE ATTACHMENT ON PIPE.		REPAIRED	V13609	A	
88042	SI-R-20A	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-21	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-23	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-23A	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-29A	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-30	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-32	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	
88042	SI-R-32A	V13591	GAP BETWEEN BASEPLATE AND WALL.	EM63160	AS IS	EM	N/A	

SIXTH REFUELING OUTAGE
DEFICIENCY REPORT SUMMARY

DR #	MARK NUMBER	EXAM REPORT	REPORTED DEFICIENCY	EM #	FINAL RESOLUTN	CLOSING DOCUMENT	RXM A/U	COMMENTS
** SUBJECT: <u>BOLTING</u> EXAM METHOD: <u>VT</u>								
	88091	RCR1-STUD-15	V13620	LINEAR INDICATION IN THREADS	EM63442	AS IS	EM	N/A EM ISSUED IMMEDIATELY DR NOT REQUIRED.
** SUBJECT: <u>VALVE (HAFA)</u> EXAM METHOD: <u>VT</u>								
	87091	1RW-486	V13224	THRU WALL LEAKAGE AT WELD.				† RE-WELDED BUT NOT YET POST REPAIRED HYDROTESTED.
	88019	1B0-2	V13531	EXCESSIVE LEAKAGE FROM PACKING.	REPAIRED	V13531	A †	† LEAKING 140-160 DPM THRU PACKING (COLLECTION SYSTEM OPERATING). ISSUED IDR# 060.
	88020	1B0-3	V13536	EXCESSIVE LEAKAGE FROM PACKING.	REPAIRED	V13536	A	
	88020	TVBD-101-C1	V13537	EXCESSIVE LEAKAGE FROM PACKING.	REPAIRED	V13657	A	
	88031	1CCR-1	V13573	EXCESSIVE LEAKAGE FROM PUMP SIDE FLANGE.	REPAIRED	V13573	A	
	88044	1FW-312	V13627	EXCESSIVE LEAKAGE THRU PACKING.	REPAIRED	V13651	A	