



Duquesne Light

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February 4, 1986

United States Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Mr. Lester S. Rubenstein, Director
PWR Project Directorate No. 2
Office of Nuclear Reactor Regulation

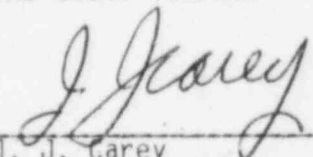
SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
S.E.R. Outstanding Issues Status

Gentlemen:

Attached are three current lists, as of December 31, 1985, which provide our understanding of outstanding issues. Items identified as "complete" are those for which responses have been provided and no confirmation of status has yet been received from the staff. We consider these items satisfactorily closed unless notified otherwise. In order to permit timely resolution of items identified as "complete" which may not be resolved to the staff's satisfaction, please provide a specific description of the issue which remains to be resolved. Items identified as "confirmatory" are based upon formal or informal communications or agreements with the staff. Please inform us of any disagreement of status described on the attached list.

DUQUESNE LIGHT COMPANY

By


J. J. Carey
Vice President

TRS/wjs
Attachments

cc: Mr. P. Tam, Project Manager (w/attachments)
Mr. W. Troskoski, Sr. Resident Inspector (w/attachments)
Mr. G. Walton, NRC Resident Inspector (w/attachments)

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ATTACHMENT 1

SAFETY EVALUATION REPORT
REVIEW STATUS

TABLE 1.2 OPEN ISSUES

ITEM NO.	ISSUE	DLC STATUS	LETTER NO. AND DATE	RESPONSE DATE (IF NOT COMPLETE)
1.	Preservice/Inservice Testing (3.9.6)	Open	2NRC-5-154, 12/26/85	04/01/86
2.	Pump an Valve Leak Testing (3.9.6)	Complete	2NRC-6-005, 01/09/86	
3.	ICC Instrumentation (Item II.F.2 of NUREG 0737)(4.4.7)	Open	2NRC-5-079, 05/31/85	TBD
4.	Preservice/Inservice Inspection Program (5.2.4.3; 5.4.2.2; 6.6)	Open	2NRC-5-154, 12/26/85	12/31/86
5.	Safe and Alternate Shutdown (9.5.1)	Open		08/86
6.	Management and Organization (13.1)	Open		TBD
7.	Cross-Training Program (13.2.1.2)	Complete	Carey to R. M. Keller Letter 06/13/85	
8.	Emergency Preparedness Plan (13.3.3)	Open	2NRC-5-077, 05/28/85	07/86
*	NRR Review of PGP for EOPs (13.5.2)	Complete	NRR Action Only	
9.	Initial Test Program (14)	Open		TBD
a.	Remote Shutdown Test	Complete	2NRC-5-110, 07/29/85	
b.	Test Acceptance Criteria	Complete	2NRC-5-110, 07/29/85	
c.	NUREG 0737 Item I.G.1	Complete	2NRC-5-110, 07/29/85	
d.	Relief and Dump Valve Capacity Tests	Complete	2NRC-5-110, 07/29/85	
e.	Test Classification Discrepancies	Complete	2NRC-5-110, 07/29/85	
f.	Accumulator Isolation Valve Test	Complete	2NRC-5-110, 07/29/85	
g.	Condenser Hotwell Level System Test	Complete	2NRC-5-110, 07/29/85	

<u>ITEM NO.</u>	<u>ISSUE</u>	<u>DLC STATUS</u>	<u>LETTER NO. AND DATE</u>	<u>RESPONSE DATE (IF NOT COMPLETE)</u>
h.	Safety Injection Pump Test	Open		07/86
i.	Turbine Plant CCW Test Schedule	Open		07/86
10.	Control Room Design Review (18.1)	Complete	2NRC-5-147, 12/02/85	
11.	Safety Parameter Display System (18.2)	Open	2NRC-5-151, 12/20/85	TBD

* Item was found in text but not in Table 1.2.

TBD To be determined.

ATTACHMENT 2

SAFETY EVALUATION REPORT
REVIEW STATUS

TABLE 1.4 CONFIRMATORY ISSUES

ITEM NO.	ISSUE	DLC STATUS	LETTER NO. AND DATE	RESPONSE DATE (IF NOT COMPLETE)
1.	Operating Procedures for Continuous Communication Links (2.2.2)	Open		06/30/86
2.	Differential Settlement of Buried Pipes (2.5.4.3.3)	Open		06/30/86
3.	Internally Generated Missiles (Outside Containment) (3.5.1.1)	Open		*
4.	Internally Generated Missiles (Inside Containment) (3.5.1.2)	Open		*
5.	Turbine Missiles (3.5.1.3)	Open		
6.	Analysis of Pipe Break Protection Outside Containment (3.6.1)	Open		*
7.	FSAR Drawing of Break Locations (3.6.2)	Open		*
8.	Results of Jet Impingement Effects (3.6.2)	Open		*
9.	Soil Structure Interaction Analysis (3.7.3)	Complete	2NRC-5-114, 08/07/85	
10.	Design Documentation of ASME Code Components (3.9.3.1)	Complete	2NRC-6-001, 01/03/86	
11.	Item II.D.1 of NUREG 0737 (3.9.3.2)	Open		TBD
12.	Seismic and Dynamic Qualification of Mechanical and Electrical Equipment (3.10.1)	Open		07/30/86

ITEM NO.	ISSUE	DLC STATUS	LETTER NO. AND DATE	RESPONSE DATE (IF NOT COMPLETE)
13.	Pump and Valve Operability Assurance (3.10.2)	Open		07/30/86
14.	Environmental Qualification of Mechanical and Electrical Equipment (3.11)	Open		07/30/86
15.	Peak Pellet Design Basis (4.2.1)	Complete	2NRC-5-132, 09/13/85	
16.	Discrepancies in the FSAR (4.2.2)	Complete	2NRC-5-132, 09/13/85	
17.	Rod Bowing Analysis (4.2.3.1[6])	Complete	2NRC-4-102, 07/12/84	
18.	Fuel Rod Internal Pressure (4.2.3.1[8])	Complete	2NRC-5-132, 09/13/85	
19.	Predicted Cladding Collapse Time (4.2.3.2[2])	Complete	2NRC-5-132, 09/13/85	
20.	Use of the Square-Root-of-the-Sum-of-the-Squares Method for Seismic and LOCA Load Calculation (4.2.3.3[4])	Complete	2NRC-4-209, 12/18/84	
21.	Analysis of Combined Loss-of-Coolant-Accident and Seismic Loads (4.2.3.3[4])	Complete	2NRC-5-002, 01/03/86	
22.	Natural Circulation Test (5.4.7.5)	Complete	2NRC-5-157, 12/24/85 NRR Action Only	
23.	Reactor Coolant System High Point Vents (5.4.12)	Open	2NRC-5-157, 12/24/85	TBD
24.	Blowdown Mass and Energy Release Analysis Methodology (6.2.1.1; 6.2.1.3; 6.2.1.4)	Complete	NRR Action Only	
25.	Containment Sump 50% Blockage Assumption (6.2.2)	Open		TBD

ITEM NO.	ISSUE	DLC STATUS	LETTER NO. AND DATE	RESPONSE DATE (IF NOT COMPLETE)
26.	Design Modification of Automatic Reactor Trip Using Shunt Coil Trip Attachment (7.2.2.3)	Open		06/31/86
27.	Automatic Opening of Service Water System Valves MOV 113C and 113D (7.3.3.10)	Open	2NRC-5-157, 12/24/85	TBD
28.	IE Bulletin 80-06 Concerns (7.3.3.13)	Complete	NRC Action Only	
29.	NUREG 0737 Item II.F.1, Accident Monitoring Instrumentation Positions (7.5.2.2)	Complete	2NRC-4-210, 12/18/84 2NRC-5-157, 12/24/85	
30.	Bypass and Inoperative Status Panel (7.5.2.4)	Complete	NRC Action Only	
31.	Revision of the FSAR: Cold Leg Accumulator Motor-Operated Valve Position Indication (7.6.2.4)	Open		TBD
32.	Control System Failure Caused by Malfunction of Common Power Source or Instrument Line (7.7.2.3)	Open	2NRC-5-141, 10/15/85	
33.	Confirmatory Site Visit	Open		TBD
a.	Independence of Offsite Power Circuits Between the Switchyard and Class 1E System (8.2.2.3)			
b.	Confirmatory of the Protective Bypass (8.3.1.2)			
c.	Verification of DG Start and Load Tests (8.3.1.8)			
d.	DG Load Capability Qualification Test (8.3.1.9)			
e.	Margin Qualification Test (8.3.1.10)			

<u>ITEM NO.</u>	<u>ISSUE</u>	<u>DLC STATUS</u>	<u>LETTER NO. AND DATE</u>	<u>RESPONSE DATE (IF NOT COMPLETE)</u>
f.	Electrical Interconnection Between Redundant Class 1E Buses (8.3.1.13)			
g.	Verification of Electrical Independence Between Power Supplies to Controls in Control Room and Remote Locations (8.3.3.5)			
**	Lighting Audit (9.5.3.3)			
34.	Voltage Analysis -- Verification of Test Results (8.3.1.1)	Open		Aprox 6 Mths Prior to Fuel Fuel Load
35.	Description and Analysis of Compliance with GDC 50 (8.3.3.7.1)	Open		Amendment 12
36.	Completion of Plant-Specific Core Damage Estimate Procedure Before Fuel Load (9.3.2.2)	Open		12/31/86
37.	Training Program for the Operation and Maintenance of the Diesel Generators (9.5.4.1)	Open		TBD
38.	Vibration of Instruments and Controls on Diesel Generators (9.5.4.1)	Open		TBD
39.	Surveillance of Lube Oil Level in Diesel Generator Rocker Arm Lube Oil Reservoir (9.5.6)	Open		TBD
40.	Solid Waste Process Control Program (11.4.2)	Open		09/30/86

ITEM NO.	ISSUE	DLC STATUS	LETTER NO. AND DATE	RESPONSE DATE (IF NOT COMPLETE)
41.	TMI Action Plan Items			
a.	III.D.1.1 (13.5.2)	Open		TBD
b.	II.K.1.5 and II.K.1.10 (15.9.2; 15.9.3)	Complete	2NRC-5-157, 12/24/85	
c.	II.K.3.5 (15.9.9)	Complete	No Action Required	
d.	II.K.3.17 (15.9.11)	Complete	2NRC-5-157, 12/24/85	
e.	II.K.3.31 (15.9.14)	Complete	WCAP-10054 WCAP-10079	
42.	Plant-Specific Dropped Rod Analysis (15.4.3)	Open		04/01/86
43.	Steam Generator Tube Rupture (15.6.3)	Open		03/01/86
44.	Quality Assurance Program (17.5)	Closed	2NRC-5-096, 06/28/85 2NRC-5-152, 12/20/85	

* Hazards analysis is scheduled for completion at the end of 1986 and documented in early 1987.

TBD To be determined.

** Item was found in text but not in Table 1.4.

ATTACHMENT 3

SAFETY EVALUATION REPORT
REVIEW STATUS

TABLE 16.0 TECHNICAL SPECIFICATONS

<u>ITEM NO.</u>	<u>ISSUE</u>	<u>DLC STATUS</u>	<u>LETTER NO. AND DATE</u>	<u>REMARKS</u>
1.	Initial Draft Submittal	Complete	2NRC-4-144, 09/14/84	Awaiting NRC Action
2.	Pre-Issue Revision 1	Complete	2NRC-5-153, 12/20/85	Awaiting NRC Action