

MAY 20 1985

Docket No. 50-412

APPLICANT: Duquesne Light Company (DLC)

FACILITY: Beaver Valley Power Station-Unit 2 (BVPS-2)

SUBJECT: SUMMARY OF MECHANICAL ENGINEERING MEETING

A meeting was held on October 2, 1984 in Bethesda, Maryland with representatives of the applicant, Westinghouse and Stone and Webster. A list of meeting attendees is provided as Enclosure 1. The purpose of the meeting was to discuss the overall status of the mechanical engineering open items, as previously discussed at the April 3-5, 1984 audit, and for the applicant to address the staff's concerns which were identified at the July 26, 1984 ASME Code Baseline Document Meeting. The meeting agenda is presented in Enclosure 2.

A total of eleven questions were discussed. By the conclusion of the discussions, three questions remained open, three were confirmatory and five were closed. However, three of these five were closed pending minor applicant action as discussed at the meeting. The results are presented in Enclosure 3, and were confirmed by the applicant in a letter dated October 24, 1984.

151

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Division of Licensing

Enclosures:  
As stated

cc: See next page

DL:LB#3  
Mley/es  
5/14/85

DL:LB#3  
GK/Knighton  
5/15/85

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## BEAVER VALLEY UNIT 2 MECHANICAL ENGINEERING MEETING

October 2, 1984

Bethesda, Maryland

NameOrganization

Glenn L. Luy	NRC/DL/LB3
John Spjueco	SWEC
Raymond Spall	SWEC.
James Jay Stone Sr.	DLC
SANJIB K. MUKHERJEE	DLC.
H. L. BRAMMER	NRC/DE/MEB
R. J. BOSNAK	NRC/DE/MEB
D. Terao	NRC/DE/MEB
George East	SWEC
A. L. Van Sickle	SWEC
J. J. McInerney	(W)
W. F. GUERIN	(W)
RF BLAKE	SWEC
RF HANKINSON	SWEC
R. B. Cunningham	DLC
F. C. Lin	DLC
R. A. LORANGER	SWEC
D. J. CHAMBERLAIN	SWEC
NA GOLDSTEIN	SWEC
V. BUSA	SWEC
Sam Phillips	WNBS

AGENDA

MEB MEETING

October 2, 1984

9:00 am

Westinghouse Office, Bethesda, Maryland

1. Component Support Design
  - A. Primary Coolant Loop Component Supports (Question 210.43)
  - B. Class 1, 2 and 3 Supports (Question 210.34 (42\*))
  - C. Primary/Secondary Stresses (Question 210.39)
2. Pipe Break Design Criteria
  - A. Primary Coolant Loops (Question 210.42)
  - B. Arbitrary Intermediate Break Locations in High Energy Seismic Category I Piping
3. RCS Isolation Valves (Question 210.40)
4. Design of HVAC Ductwork and Supports (Question 210.31 (40\*))
5. Status of Other Questions/Responses
  - A. Pipe-Pipe Impact (Questions 210.10 (28\*) Closed?)
  - B. Jet Impingement (Question 210.12 (26\*) Confirmatory?)
  - C. Seismic Analysis of Piping between Structures (Question 210.28 Closed?)
  - D. Functional Capability of Piping (Question 210.32 (39\*) Closed?)
  - E. Snubber Testing (Question 210.37 Closed?)

\*Draft SER Open Item Number



## Enclosure 3

<u>Question No.</u>	<u>Status</u>	<u>Comments</u>
210.10	closed	No further DLC action
210.12	confirmatory	DLC to submit jet impingement information (July, 1985).
210.28	closed	No further DLC action
210.31	open	DLC to revise 7/2/84 response to include HVAC ductwork design information.
210.32	confirmatory	If exemption of analysis of branch lines for primary coolant loop breaks is granted, this question will be closed. Otherwise, DLC will report associated branch line stresses for LOCA effects.
210.34	confirmatory	DLC to demonstrate that pipe and equipment supports are inherently designed for the effects of SSE anchor motion by the conservative design for $\frac{1}{2}$ SSE anchor motion. DLC will revise Table 3.9B-15.
210.37	closed	No further DLC action
210.39	closed	Pending formal submittal of the draft response discussed
210.40	open	DLC to revise draft response to include a list of isolation valves and descriptions of leak testing procedures and acceptance criteria.
210.42	open	DLC encouraged to clarify the GDC-4 exemption request. Specify exemption of the analysis of branch lines for the effects of primary coolant loop breaks.
210.43	closed	DLC to revise response in Amendment 7 to address welding procedures. Revise Table 5.4 - 21 by noting that all stresses are within the yield stress when SSE and LOCA are combined by SRSS.

MEETING SUMMARY DISTRIBUTION

Docket No(s): 50-412

NRC PDR

Local PDR

NSIC

PRC System

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bcc: Applicant & Service List