



Duquesne Light

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January 16, 1985

United States Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Mr. George W. Knighton, Chief
Licensing Branch 3
Office of Nuclear Reactor Regulation

SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
Power Systems Branch Meeting Summary

Gentlemen:

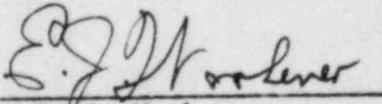
DLC has received the meeting summary (dated November 21, 1984) which describes a meeting which took place with Power Systems Branch, Mechanical Section, on September 13-14, 1984. The attached table provides DLC's comments on the NRR summary for each item discussed at the meeting. For those areas which differ, please notify DLC of your agreement or disagreement. For areas showing disagreement, please provide a specific description of the areas now required to be addressed.

With respect to Question 430.77, the new staff requirement described in your letter lacks definition. Please provide the criteria which will be used for review of our response in order to assure full addressment of the concern.

During the meeting, a list of issues where DLC and the reviewer differ greatly was requested in order to arrange further meetings. DLC provided the list on September 18, 1984, but was not contacted to arrange meetings on any of the subjects. Several of these items have since been identified by DLC letter (dated 11/8/84) as backfits.

DLC requests that this letter be placed in the record along with the NRR meeting summary for future reference. NRR comments are welcome.

DUQUESNE LIGHT COMPANY

By 
E.J. Woolever
Vice President

GLB/wjs
Attachment

cc: Mr. B. K. Singh, Project Manager (w/a)
Mr. G. Walton, NRC Resident Inspector (w/a)

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Boo!
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NRR MEETING NOTES		IN AGREE- MENT WITH DLC NOTES	DLC COMMENTS
430.53	Include a description of the vendor training program by Colt	Yes	
430.54	Address no load operation during troubleshooting. Preventive maintenance/root causes failure program response is acceptable	Yes	
430.55	Additional information is needed on requalification after dismantling and length of testing period.	No	DLC was requested to define what is meant by "testing period" and to state that relocated equipment will see acceptable vibration levels.
430.56	Include the availability of the radio system in all safety related areas. In location description, include not only elevations but rooms.	Yes	
430.57	Staff is concerned with the power source diesel being non-seismic and non-safety related. Applicant should demonstrate how the diversity of the present system guarantees effective communication during any accident condition.	Yes	Backfit
430.58	Staff will review description of offsite communications previously submitted in Emergency Plan.	No	DLC is to provide information regarding microwave and system operator telephone systems as described in the SER.
430.59	Minor text change to previous response is needed.	?	DLC is to delete the last sentence of the Amendment 8 response.
430.60	Response acceptable.	Yes	
430.61	Minimum illumination levels should be provided in addition to listing what lighting is available in each safety-related room.	Yes	
430.62	Include what areas during station blackout will be manned to restore ac power and safely shut down the plant, minimum lighting needed in work stations and access/egress areas, in dc lighted areas, what portable lighting provisions are available in storage for use during loss of ac power.	Yes	

NRR MEETING NOTES		IN AGREE- MENT WITH DLC NOTES	DLC COMMENTS
430.63	Response is satisfactory, contingent upon resolution of category of lighting power source.	Yes	
430.64	Qualification of power source is main concern.	?	Backfit
430.65	Staff's human factors reviewer clarified minimum illumination levels and high hazard and slight hazard area designation.	Yes	Backfit
430.66 & 430.68	Class 1E power to lighting and communication systems issue identified by applicant as backfit.	Yes	
430.67	Inservice inspection of lighting systems need to be addressed.	No	Test frequencies for dc lighting, battery packs, and non-safety diesel was requested.
430.69 430.91 430.110 & 430.121	Provide the calibration frequency, and a discussion of what procedures will be followed upon alarm actuation.	Yes	
430.71	Response acceptable.	Yes	
430.72	Some acknowledgement of awareness that algae could pose a problem, and what would be done if it were detected.	Yes	Dropped per T. Novak letter to DLC dated 11/14/84.
430.73	Response acceptable.	Yes	
430.74	A manufacturer's assurance that the piping design is equivalent to ASME is needed.	Yes	
430.75	Response acceptable.	Yes	
430.77 & 430.105	Applicant did not postulate loss of offsite power in high energy break analysis.	Yes	Dropped per T. Novak letter to DLC dated 11/14/84.
430.78	Issue will be re-addressed during technical specifications review. Closed.	Yes	

NRR MEETING NOTES		IN AGREEMENT WITH DLC NOTES	DLC COMMENTS
430.79	Fuel oil tank sediment control during filling operations has not been addressed.	Yes	Dropped per T. Novak letter dated 11/14/84.
430.82	Responses acceptable.	Yes	
430.83			
430.84			
430.85			
430.86			
430.87 & 430.90			
430.92	No load operation response unacceptable	?	This note lacks specifics, but DLC is of the opinion that current response is sufficient.
430.94	Response acceptable.	Yes	
430.95	Add testing frequency to previous response.	No	DLC was requested to address surveillance of the identified attributes during operation. DLC has already provided more information than other applicants.
430.96	Response acceptable.	Yes	
430.97 & 430.100	Air dryers for emergency diesel generators issue identified by applicant as a backfit.	Yes	
430.98	Provide alarm setpoint, and discuss how the redundancy of the system justifies not having a high pressure alarm.	No	Provide alarm setpoint and justify lack of high pressure alarm.
430.102 430.103 & 430.104	Response acceptable.	Yes	
430.107	Confirmatory. Applicant will provide a justification analysis confirming five start capability.	Yes	

NRR MEETING NOTES		IN AGREEMENT WITH DLC NOTES	DLC COMMENTS
430.108	Responses acceptable.	Yes	
430.109			
430.113			
430.114 & 430.115			
430.116	Applicant indicated intent to formally declare this issue a backfit.	Yes	
430.117	Include a discussion addressing conductive heat transfer from the bulk.	No	DLC was requested to provide a discussion of oil velocity and its ability to flow at low temperatures without damage to the diesel.
430.119	Low level alarm for the rocker arm lube oil reservoir issue identified by the applicant as a backfit.	Yes	
430.120	Response acceptable.	Yes	
430.122	Response should address the ventilation systems of the buildings in the immediate vicinity of the diesel generator building, and their effectiveness following a fire.	No	DLC is to discuss effects of smoke emerging from vents in other buildings on diesel generator operation.
430.123	Staff concern is of snow drifts blocking the diesel exhaust. Additional wind directions should be considered to allow staff verification of pipe diameter, size of openings, and height of exhaust openings.	Yes	
430.124	Address the redundancy of fire dampers.	No	DLC was to address smoke leaving a diesel building ventilation intake affecting the other diesel.
430.125	Response should include housecleaning information (previously deleted), concrete dust control, and louver description.	Yes	
430.126	Effects of smoke, a fire in the oil separator area, or transformer area should be discussed.	No	DLC is to discuss why a transformer 2A fire will not cause a diesel start and address overflow of oil separator.

NRR MEETING NOTES	IN AGREE- MENT WITH DLC NOTES	DLC COMMENTS
430.127 Response should further describe diesel generator operation under extreme weather conditions.	No	Obtain letter from colt regarding ambient operating conditions and address failure of building heat.
430.128 Confirmatory. Table 8.3-3 will be revised.	Yes	
430.129 Responses acceptable.	Yes	
430.132 & 430.133		
430.134 Additional information is needed on manufacturer's recommendations.	Yes	
430.136 & Responses acceptable. 430.141	Yes	
40.138 Limiting steam generator blowdown through valves downstream of MSIV not adequately addressed.	No	Closed at meeting based upon previously docketed material.
430.144 Address recommendations in Westinghouse steam dump manual.	No	DLC to discuss use during startup and vendor maintenance recommendation.
430.146 Staff will review the description already in Chapter 7 of the FSAR.	Yes	