

November 20, 1986

Docket No. 50-334

Mr. J. D. Sieber, Vice President  
Dusquesne Light Company  
Nuclear Operations  
Post Office Box 4  
Shippingport, PA 15077

Dear Mr. Sieber:

Enclosed is a copy of a "Notice of Environmental Assessment and Finding of No Significant Impact" for your information. This notice relates to your application dated January 14, 1985, as supplemented by letters dated October 16, 1985, and October 28, 1986 for exemption from certain requirements of Appendix R to 10 CFR Part 50 for the Beaver Valley Power Station, Unit No. 1.

The notice has been sent to the Office of the Federal Register for publication.

Sincerely,

Peter S. Tam, Project Manager  
Project Directorate No. 2  
Division of PWR Licensing-A  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
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Mr. J. D. Sieber  
Duquesne Light Company

Beaver Valley 1 Power Station

cc:

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U.S. Nuclear Regulatory Commission  
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Shippingport, Pennsylvania 15077

UNITED STATES NUCLEAR REGULATORY COMMISSIONDUQUESNE LIGHT COMPANYOHIO EDISON COMPANYPENNSYLVANIA POWER COMPANYDOCKET NO. 50-334NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain requirements of Appendix R to 10 CFR 50 to Duquesne Light Company, Ohio Edison Company and Pennsylvania Power Company (the licensees), for the Beaver Valley Power Station, Unit No. 1, located in Shippingport, Pennsylvania.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would allow deviations from the requirements of Section III.G of Appendix R (Fire Protection) to 10 CFR 50 for: (1) charging pump cubicles, to the extent that 20 feet of separation between the pumps are not available and automatic fire suppression systems are not installed, (2) control room, to the extent that redundant trains of safe shutdown cables are not separated by more than 20 feet and automatic fire suppression systems are not available, and (3) main steam valve room, to the extent that redundant trains of equipment are not separated by 3-hour fire-rated barriers.

The requested exemption is responsive to Duquesne Light Company's application dated January 14, 1985, and supplemented by letters dated October 16, 1985, and October 28, 1986.

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The Need for the Proposed Action: The proposed Exemption is needed because special circumstances are present in that literal application of the regulation is not necessary to achieve the underlying purposes of the regulation; features comparable with the requirements of the regulation are available. If the Exemption is not granted, additional costs would be incurred by the licensee with no increase in the degree of safety.

Environmental Impacts of the Proposed Action: The proposed Exemption will provide assurance of fire protection that is equivalent to that required by Appendix R such that there is no increase in the risk of fires at the facility. The probability of accidents has not been increased and the post-accident radiological releases will not be greater than previously determined, nor does the proposed Exemption otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed Exemption.

With regard to potential non-radiological impacts, the proposed Exemption involves features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed Exemption.

Alternative Use of Resources: This action involves no use of resources not previously considered in the Final Environmental Statement (construction permit and operating license) for the Beaver Valley Power Station, Unit No. 1.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

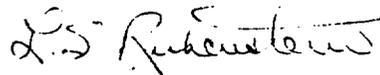
FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. The Commission has, therefore, determined not to prepare an environmental impact statement for the proposed exemption.

For further details with respect to this action, see the application for the exemption dated January 14, 1985, as supplemented by letters dated October 16, 1985, and October 28, 1986, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the B. F. Jones Memorial Library, 663 Franklin Avenue, Aliquippa, Pennsylvania 15001.

Dated at Bethesda, Maryland this 20th day of November, 1986.

FOR THE NUCLEAR REGULATORY COMMISSION



Lester S. Rubenstein, Director  
PWR Project Directorate #2  
Division of PWR Licensing-A  
Office of Nuclear Reactor Regulation