

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 the requirements of Appendix R to 10 CFR Part 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 relax the requirement that there be fixed suppression and detection systems, 3-hour rated fire barriers or 20-foot separation of redundant equipment for eight fire areas.

The exemption is responsive to the licensees' application for exemption dated December 16, 1983, as supplemented by letter dated May 30, 1984.

The Need for the Proposed Action: The proposed exemption is needed because the features described in the licensee's request regarding the existing fire protection at the plant for these items are the most practical method for

meeting the intent of Appendix R; literal compliance would not significantly enhance the fire protection capability.

Environmental Impacts of the Proposed Action: The proposed exemption will provide a degree of fire protection that is equivalent to that required by Appendix R for the eight areas of the plant such that there is no increase in the risk of fires at these facilities. Consequently, the probability of fires has not been increased and the post-fire 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 licensees' request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

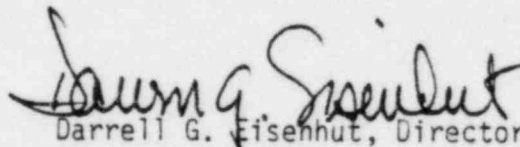
The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for exemption dated December 16, 1983 and supplement dated May 30, 1984, 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 30th day of July 1984

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation