

UNITED STATES NUCLEAR REGULATORY COMMISSION
GPU NUCLEAR CORPORATION AND JERSEY CENTRAL

POWER AND LIGHT COMPANY

DOCKET NO. 50-219

ENVIRONMENTAL ASSESSMENT AND FINDING OF NO 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 Part 50 to GPU Nuclear Corporation, et al. (the licensee), for the Oyster Creek Nuclear Generating Station, located in Ocean County, New Jersey.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would grant relief in eight fire areas to the extent that redundant safe shutdown related cable and equipment are not separated and/or protected in accordance with Section III.G.2 of Appendix R. The eight fire areas are as follows: Reactor Building Fire Areas RB-FZ-1D, RB-FZ-1E and RB-FZ-1F; Turbine Building Lube Oil Area; Turbine Building Fire Areas TB-FZ-11D and TB-FZ-11H; Turbine Building Condenser Area and Office Building - 480V Switchgear Room. There were five areas for which exemptions were requested but the Commission concluded that the exemptions requested were not needed. These fire areas were the following: Reactor Building Fire Area RB-FZ-1E, Office Building 480V Switchgear Room, Office Building - Motor Generator Set Room and Office Building - Battery and Electrical Tray Room.

The exemptions are responsive to the licensee's application for exemptions dated April 3, 1985, as supplemented by letters dated July 12 and October 9, 1985.

The Need for the Proposed Action: The proposed exemptions are needed because the features described in the licensee's requests regarding the existing and proposed fire protection at the plant for these items are the most practical method for meeting the intent of Appendix R and literal compliance would not significantly enhance the fire protection capability at the station.

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Environmental Impacts of the Proposed Action: The proposed exemptions will provide a degree of fire protection such that there is no increase in the risk of fires at this facility. Consequently, the probability of fires has not been increased and the post-fire radiological releases will not be greater than previously determined nor do the proposed exemptions otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed exemptions.

With regard to potential nonradiological impacts, the proposed exemptions involve features located entirely within the restricted areas as defined in 10 CFR Part 20. They do not affect nonradiological plant effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed exemptions.

Alternative Use of Resources: This action involves no use of resources not previously considered in the Final Environmental Statement dated December 1974 for the Oyster Creek Nuclear Generating Station.

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

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


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.

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For further details with respect to this action, see the applications for the exemptions previously listed, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Ocean County Library, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Bethesda, Maryland this 22nd day of November 1985.

FOR THE NUCLEAR REGULATORY COMMISSION


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for Safety Assessment
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