



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

7590-01

UNITED STATES NUCLEAR REGULATORY COMMISSION
POWER AUTHORITY OF THE STATE OF NEW YORK
DOCKET NO. 50-333
ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (NRC/the Commission) is considering issuance of an exemption from the requirements of Appendix R of 10 CFR 50 to the Power Authority of the State of New York (PASNY/the licensee) for the James A. FitzPatrick Nuclear Power Plant located in Oswego County, New York.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The licensee would be exempted from the requirement of Section III.G.2 of Appendix R to 10 CFR 50 that ventilation-related penetrations in fire barriers separating redundant shutdown-related systems be provided with fire dampers. Specifically, the exemption would apply to three fire dampers located in the floor/ceiling assembly between the screenwell house and safety-related pump houses.

The Need for the Proposed Action

Because of low combustible loadings, a fire in one of these areas would be of low intensity and short duration. Furthermore, safe shutdown could be effected if a fire occurred in the screenwell house or either pump house, because a single fire in any one of these areas would not render

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redundant shutdown systems located in the remaining areas inoperable. Therefore, installation of fire dampers in the floor/ceiling assembly would not enhance the level of fire protection and are unnecessary.

Environmental Impacts of the Proposed Action

The proposed action would not impact the ability to effect safe shutdown of the plant in the event of a fire in the above mentioned areas and would provide an acceptable level of safety, equivalent to that attained by compliance with Section III.G of Appendix R to 10 CFR 50. On this basis, the Commission concludes there are no significant radiological environmental impacts associated with this proposed exemption.

With regard to potential nonradiological impacts, the proposed exemption involves features located entirely within the restricted areas as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological 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 James A. FitzPatrick Nuclear Power Plant.

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

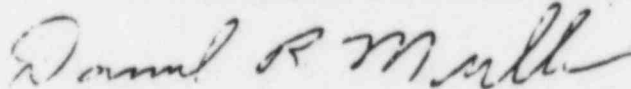
The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

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 April 12, 1985 which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Penfield Library, State University College of Oswego, Oswego, New York.

Dated at Bethesda, Maryland, this 23rd day of April 1986.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Daniel R. Muller".

Daniel R. Muller, Director
BWR Project Directorate #2
Division of BWR Licensing