

UNITED STATES NUCLEAR REGULATORY COMMISSIONBOSTON EDISON COMPANYDOCKET NO. 50-293NOTICE OF ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of relief from the requirements of 10 CFR 50.55a(g)(6)(i) to Boston Edison Company (the licensee), for the Pilgrim Nuclear Power Station, located in Plymouth County, Massachusetts.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The relief would extend the date for completion of the ASME hydrostatic tests of Classes II and III systems at the plant following ten years of operation until startup from refuel outage number 7. That startup is expected to occur during the third quarter of 1986. About two-thirds of the tests will be completed during the present outage, including those for all components that are being replaced. Thus, the tests to be postponed are approximately one-third of those required.

The relief would be responsive to the licensee's application for relief dated June 27, 1983.

The Need for the Proposed Action:

The relief is needed because the licensee does not expect to complete all of the hydrostatic tests before resuming operation of the plant in October 1984. To meet the schedular requirements set forth by the ASME Boiler and Pressure Vessel Code, all of these would have to be completed during the current plant outage.

Environmental Impacts of the Proposed Action:

Postponement of one-third of the hydrostatic tests until the end of the 1986 outage should not have any adverse effects since the systems involved are subject to frequent observation by the operators during their rounds. Leakage from pipes, valves and other components would be noticed and corrected promptly. Therefore, the Commission concludes that there would be no significant radiological environmental impacts associated with this proposed exemption.

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

Alternative Use of Resources:

This action would involve no use of resources not previously considered in the Final Environmental Statement (construction permit and operating license) for the Pilgrim Nuclear Power 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

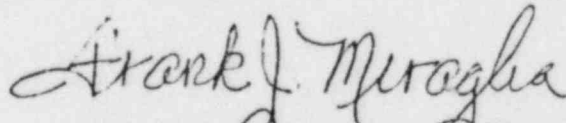
The Commission has determined not to prepare an environmental impact statement for the proposed relief.

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 relief dated June 27, 1983, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and at the Plymouth Public Library, North Street, Plymouth, Massachusetts.

Dated at Bethesda, Maryland, this 24th day of August, 1984,

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "Frank J. Miraglia".

Frank J. Miraglia, Deputy Director  
Division of Licensing  
Office of Nuclear Reactor Regulation