

NORTHEAST NUCLEAR ENERGY COMPANY  
MILLSTONE NUCLEAR POWER STATION, UNIT NO. 3  
DOCKET NO. 50-423  
ENVIRONMENTAL ASSESSMENT AND FINDING OF  
NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC or the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-49 to Northeast Nuclear Energy Company (the licensee), for Millstone Unit 3 located in the town of Waterford, Connecticut.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action

The proposed amendment would provide revised Technical Specifications to decrease the reactor trip set point and allowable value for the reactor coolant pump (RCP) low shaft speed (underspeed trip set point) from 97.8 to 95.8 percent of rated speed and from 94.6 to 92.5 percent rated speed, respectively.

The proposed action is in accordance with the licensee's application dated August 1, 1989.

The Need for the Proposed Action:

The proposed changes are needed to prevent unnecessary plant trips which could result from electrical grid disturbances.

Environmental Impacts of the Proposed Action:

The proposed changes to the Technical Specifications would not affect plant effluents during normal or accident conditions. Accordingly, there are no significant radiological/non-radiological environmental impacts associated with the proposed licensing action.

Alternatives to the Proposed Action:

Since the staff concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and might result in additional plant trips.

Alternative Use of Resources:

The action would involve no use of resources not previously considered in the "Final Environmental Statement related to the operation of Millstone Nuclear Power Station Unit No. 3" dated December 1984.

Agencies and Persons Consulted:

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

FINDING NO SIGNIFICANT IMPACT

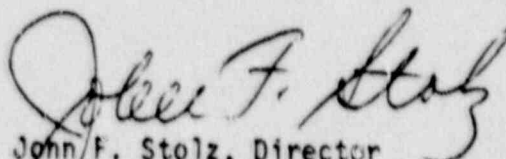
The staff has determined not to prepare an environmental impact statement for the proposed license amendment.

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

For further details with respect to this action, see the application re. amendment dated August 1, 1989, which is available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555 and at the Waterford Public Library, 49 Rope Ferry Road, Waterford, Connecticut 06385.

Dated at Rockville, Maryland, this 24th day of October 1989.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director  
Project Directorate I-4  
Division of Reactor Projects - 1/11  
Office of Nuclear Reactor Regulation