

October 24, 1989

Docket No. 50-423

Mr. Edward J. Mrocza  
Senior Vice President  
Nuclear Engineering and Operations  
Connecticut Yankee Atomic Power Company  
Northeast Nuclear Energy Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

Dear Mr. Mrocza:

SUBJECT: MILLSTONE NUCLEAR POWER STATION, UNIT NO. 3 - TRANSMITTAL OF  
ENVIRONMENTAL ASSESSMENT (TAC 74212)

Enclosed is a copy of an "Environmental Assessment and Finding of No  
Significant Impact" for your information. This assessment relates to your  
application dated August 1, 1989 regarding proposed changes to the Technical  
Specifications for the setpoint for reactor trip on low reactor coolant  
pump speed.

The assessment has been sent to the Office of the Federal Register for  
publication.

Sincerely,

/s/

8911060389 891024  
PDR ADDCK 05000423  
P PNU

David H. Jaffe, Project Manager  
Project Directorate I-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

CP-1

DISTRIBUTION

Docket File

S. Varga (14E4)

S. Norris

E. Jordan (MNBB 3302)

NRC PDR & Local PDRs

B. Boger (14A2)

D. Jaffe

B. Grimes (9A2)

Plant File

J. Stolz

OGC

ACRS (10)

GPA/PA

cc: Licensee/Applicant Service List

OFC	:LA:PDI-4	:PM:PDI-4	:PD:PDI-4	:OGC	:	:	:
NAME	:S. Norris	:D. Jaffe	:J. Stolz	:subject to	:	:	:
DATE	:10/4/89	:10/11/89	:10/4/89	:10/10/89	:	:	:

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Document Name: EA 74212

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Mr. E. J. Mroccka  
Northeast Nuclear Energy Company

Millstone Nuclear Power Station  
Unit No. 3

cc:

Gerald Garfield, Esquire  
Day, Berry and Howard  
Counselors at Law  
City Place  
Hartford, Connecticut 06103-3499

R. M. Kacich, Manager  
Generation Facilities Licensing  
Northeast Utilities Service Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

W. D. Romberg, Vice President  
Nuclear Operations  
Northeast Utilities Service Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

D. O. Nordquist  
Manager of Quality Assurance  
Northeast Nuclear Energy Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

Kevin McCarthy, Director  
Radiation Control Unit  
Department of Environmental Protection  
State Office Building  
Hartford, Connecticut 06106

Regional Administrator  
Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

Bradford S. Chase, Under Secretary  
Energy Division  
Office of Policy and Management  
80 Washington Street  
Hartford, Connecticut 06106

First Selectmen  
Town of Waterford  
Hall of Records  
200 Boston Post Road  
Waterford, Connecticut 06385

S. E. Scace, Station Superintendent  
Millstone Nuclear Power Station  
Northeast Nuclear Energy Company  
Post Office Box 128  
Waterford, Connecticut 06385

W. J. Raymond, Resident Inspector  
Millstone Nuclear Power Station  
c/o U. S. Nuclear Regulatory Commission  
Post Office Box 811  
Niantic, Connecticut 06357

C. H. Clement, Unit Superintendent  
Millstone Unit No. 3  
Northeast Nuclear Energy Company  
Post Office Box 128  
Waterford, Connecticut 06385

M. R. Scully, Executive Director  
Connecticut Municipal Electric  
Energy Cooperative  
30 Stott Avenue  
Norwich, Connecticut 06360

Ms. Jane Spector  
Federal Energy Regulatory Commission  
825 N. Capitol Street, N.E.  
Room 8608C  
Washington, D.C. 20426

Mr. Alan Menard, Manager  
Technical Services  
Massachusetts Municipal Wholesale  
Electric Company  
Post Office Box 426  
Ludlow, Massachusetts 01056

Burlington Electric Department  
c/o Robert E. Fletcher, Esq.  
271 South Union Street  
Burlington, Vermont 05402

Mr. Edward J. Mroccka  
Senior Vice President  
Nuclear Engineering and Operations  
Connecticut Yankee Atomic Power Company  
Northeast Nuclear Energy Company  
P. O. Box 270  
Hartford, Connecticut 06141-0270

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.

8911060392 891024  
PDR ADDCK 05000423  
P PNU

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 for 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

A handwritten signature in dark ink, appearing to read "John F. Stolz". The signature is fluid and cursive, with the first name "John" and last name "Stolz" being the most prominent parts.

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