

November 10, 1992

Docket No. 50-423

Mr. John F. Opeka  
Executive Vice President, Nuclear  
Connecticut Yankee Atomic Power Company  
Northeast Nuclear Energy Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

Distribution:

Docket File  
NRC & Local PDRs  
PD I-4 Plant  
SVarga  
JCalvo  
SNorris  
VRooney

OGC  
EJordan  
ACRS (10)  
OPA  
LTDoerflein, RI

Dear Mr. Opeka:

SUBJECT: MILLSTONE UNIT 3 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO  
SIGNIFICANT IMPACT (TAC NO. M83015)

Enclosed is a copy of the Environmental Assessment and Finding of No  
Significant Impact which relates to your request for license amendment dated  
March 3, 1992, as supplemented July 13, 1992, regarding changes in the  
Technical Specifications dealing with longer surveillance test intervals and  
allowed outage times for the reactor protection system and the engineered  
safety features actuation system.

This assessment is being forwarded to the Office of the Federal Register for  
publication.

Sincerely,

Original signed  
by

Vernon L. Rooney, Senior Project Manager  
Project Directorate I-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
Environmental Assessment

cc w/enclosure:  
See next page

OFFICE	LA:PDI-4	PM:PDI-4	D:PDI-4	OGC	
NAME	SNorris	VRooney:cn	JStolz	+ 1/11/92	
DATE	10/21/92	10/21/92	10/21/92	10/23/92	1/1

OFFICIAL RECORD COPY  
Document Name: G:\ROONEY\MI383015.EA

160054

9211170299 921110  
PDR ADOCK 05000423  
P PDR

CP-1  
DFOI

Mr. John F. Opeka  
Northeast Nuclear Energy Company

Millstone Nuclear Power Station  
Unit 3

cc:

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

R. M. Kacich, Director  
Nuclear Licensing  
Northeast Utilities Service Company  
Post Office Box 270  
Hartford, Connecticut 06141-0270

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

D. O. Nordquist  
Director of Quality Services  
Northeast Utilities Service 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

Allan Johanson, Assistant Director  
Office of Policy and Management  
Policy Development and Planning Division  
80 Washington Street  
Hartford, Connecticut 06106

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

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

P. D. Swetland, Resident Inspector  
Millstone Nuclear Power Station  
c/o U.S. Nuclear Regulatory Commission  
Post Office Box 513  
Niantic, Connecticut 06357

C. H. Clement, Nuclear Unit Director  
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

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

David W. Graham  
Fuel Supply Planning Manager  
Massachusetts Municipal Wholesale  
Electric Company  
Post Office Box 426  
Ludlow, Massachusetts 01056

Nicholas S. Reynolds  
Winston & Strawn  
1400 L Street, NW  
Washington, DC 20005-3502

UNITED STATES NUCLEAR REGULATORY COMMISSION  
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 (the Commission) is considering issuance of a license amendment to Northeast Nuclear Energy Company, et al. (the licensee) for the Millstone Nuclear Power Station, Unit No. 3, located at the licensee's site in New London County, Connecticut.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed amendment would revise the Technical Specifications (TS) to increase the surveillance test interval, allowed outage time, and channel bypass times for certain instrumentation in the reactor trip system (RTS) and Engineered Safety Features Actuation System (ESFAS). Also, it removes the requirement to perform the RTS analog channel operational test on a staggered basis.

The Need for the Proposed Action:

The license amendment is needed to reduce the number of ESFAS actuations and reactor trips and allow the licensee to better manage resources to maintain the plant.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to the TS. The impact of the above change has been evaluated in the licensee's proposal for amendment dated March 3, 1992, as supplemented July 13, 1992, which has been evaluated by the staff using NRC-approved methodology. The TS change will not increase the probability or consequences of accidents. No changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. In addition, the TS change described is a refinement, rather than a substantial change in the operation of the facility. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed TS amendment.

With regard to potential nonradiological impacts, the proposed amendment does involve features located entirely within the restricted area 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 impacts associated with the proposed amendment.

Alternatives to the Proposed Action:

It has been concluded that there is no measurable impact associated with the proposed amendment; any alternatives to the amendment would have either essentially the same or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of any resources different from or beyond the scope of resources used during normal plant operation, which were assessed in the Final Environmental Statement relating to plant operation.

Agencies and Persons Consulted:

The Commission's 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 amendment. Based upon the foregoing environmental assessment, the Commission concludes 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 request for license amendment dated March 3, 1992, as supplemented July 13, 1992, which are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555, and at the local public document room located at the Learning Resources Center, Thames Valley State Technical College, 574 New London Turnpike, Norwich, Connecticut 06360.

Dated at Rockville, Maryland this 10th day of November 1992.

FOR THE NUCLEAR REGULATORY COMMISSION



Albert DeAgazio, Acting Director  
Project Directorate I-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation