

OCT 25 1985

Docket No. 50-245

Mr. John F. Opeka, Senior Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 01641-0270

Dear Mr. Opeka:

SUBJECT: SAFETY EVALUATION REPORT (NUREG-1143)

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 1 FULL-TERM OPERATING
LICENSE

I am enclosing twenty (20) copies of the staff's Safety Evaluation Report (SER), NUREG-1143, on Northeast Nuclear Energy Company's full-term operating license (FTOL) application for Millstone Nuclear Power Station, Unit No. 1.

The major portion of the staff's technical input supporting the enclosed report has been provided by the Integrated Plant Safety assessment report (NUREG-0824) and topic evaluations pertaining to the Systematic Evaluation Program (SEP). The enclosed FTOL SER addresses other operating license issues not covered under the SEP. The FTOL SER includes consideration of major plant modifications that have occurred since Provisional Operating License (POL) No. DPR-21 was issued, major substantive regulations adopted since that POL was issued, TMI issues, and unresolved safety issues (USIs).

A related Notice of Availability, which is being forwarded to the Office of the Federal Register for publication, is also enclosed.

Sincerely,

Original signed by

John A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosures:

1. Millstone 1 FTOL SER (20)
2. Notice of Availability

cc w/enclosure:

See next page

DISTRIBUTION

Docket File

NRC PDR

Local PDR

ORB#5 Reading

HThompson

OELD

EJordan

BGrimes

JPartlow

CGrimes

JShea(w/o encl)

CJamerson(w/o encl)

ACRS (10)(w/o encl)

DL:ORB#5

CJamerson
10/21/85

DL:ORB#5

JShea
10/21/85

DL:ORB#5

JZwolinski
10/21/85

DL:ORB#5

DCatchfield
10/21/85

B:DL

HThompson
10/21/85

Mr. John F. Opeka
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit No. 1

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

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

Edward J. Mroczka
Vice President, Nuclear Operations
Northeast Utilities Service Company
Post Office Box 270
Hartford, Connecticut 06141-0270

State of Connecticut
Office of Policy and Management
ATTN: Under Secretary Energy
Division
80 Washington Street
Hartford, Connecticut 06106

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Northeast Nuclear Energy Company
ATTN: Superintendent
Millstone Nuclear Power Station
P. O. Box 128
Waterford, Connecticut 06385

Resident Inspector
c/o U.S. NRC
Millstone Nuclear Power Station
P. O. Box 811
Niantic, Connecticut 06357

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