

November 12, 1982

Docket No. 50-245
LS05-82-11-038

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Mr. W. G. Council, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06101

Dear Mr. Council:

SUBJECT: BWR SCRAM DISCHARGE VOLUME

Millstone Nuclear Power Station, Unit No. 1

The Commission has issued the enclosed Amendment No. 86 to Provisional Operating License No. DPR-21 for Millstone Nuclear Power Station, Unit No. 1. This amendment consists of changes to the Technical Specifications in response to your application dated October 16, 1980, as supported by information submitted by letters dated December 9, 1981, March 9, 1982, October 15, 1982, and November 2, 1982. Your application is in response to our letter dated July 7, 1980.

The amendment changes the Appendix A Technical Specifications to incorporate revised operating limits associated with the modifications to the Scram Discharge Volume (SDV) for improved hydraulic coupling. These long-term SDV modifications have been undertaken to comply with the design and performance criteria set forth in the staff's December 1, 1980 Generic Safety Evaluation, "BWR Scram Discharge System." The SDV system has been modified during the present refueling outage (Reload 8).

Because better hydraulic coupling has been achieved with the long-term SDV modifications, the approved Technical Specification changes also replace the interim conditions to the license that were imposed by the Commission's Order of October 2, 1980 issued by the Office of Inspection and Enforcement.

During our review of your application we found it necessary to modify your proposal. We have discussed these changes with your representative and have mutually agreed upon them.

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DSU USE ET(27)*

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Mr. W: G. Council

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A copy of our related Safety Evaluation, including the Technical Evaluation Report (TER) attached thereto prepared by our contractor, Franklin Research Center, and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:

1. Amendment No. 86 to License No. DPR-21
2. Safety Evaluation, including the attached TER
3. Notice of Issuance

cc w/enclosure:
See next page

D/DEQA
EJordan
11/ /82

Concur in license amendment and Fed Reg notice.

DMM for WTR for EJM

OFFICE	DL: ORB #5	DL: ORB #5	DL: ORB #2	OELD	DL: ORB #5	DL: AD/SA	D/OIE
SURNAME	HSmith;cc	JShea	KEccleston	<i>M. Rothstein</i>	<i>DMM</i> Crutchfield	FMiraglia	RDeyoung
DATE	11/27/82	11/18/82	1/ /82	11/19/82	11/19/82	11/12/82	11/19/82

November 12, 1982

cc

William H. Cuddy, Esquire
Day, Berry & Howard
Counselors at Law
One Constitution Plaza
Hartford, Connecticut 06103

State of Connecticut
Office of Policy & Management
ATTN: Under Secretary Energy
Division
80 Washington Street
Hartford, Connecticut 06115

Ronald C. Haynes, Regional
Administrator
Nuclear Regulatory Commission
Region I Office
631 Park Avenue
King of Prussia, Pennsylvania 19406

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

Mr. Richard T. Laudonat
Manager, Generation Facilities Licensing
Northeast Utilities Service Company
P. O. Box 270
Hartford, Connecticut 06101

Resident Inspector
c/o U. S. NRC
P. O. Box Drawer KK
Niantic, Connecticut 06357

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

John F. Opeka
Systems Superintendent
Northeast Utilities Service Company
P. O. Box 270
Hartford, Connecticut 06101

U. S. Environmental Protection Agency
Region I Office
ATTN: Regional Radiation Representative
JFK Federal Building
Boston, Massachusetts 02203