

November 27, 1989

Docket No. 50-245

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

Dear Mr. Mroczka:

SUBJECT: ISSUANCE OF AMENDMENT (TAC NO. 68157)

The Commission has issued the enclosed Amendment No. 40 to Facility Operating License No. DPR-21 for Millstone Nuclear Power Station, Unit No. 1, in response to your application dated June 24, 1988.

The amendment adds a new limitation on the number of spent fuel assemblies that can be stored in the spent fuel pool. This limitation reflects the expanded capacity of the spent fuel pool. The staff's Safety Evaluation finds the proposed expansion of the spent fuel pool to be acceptable. However, you are requested to: (1) recognize the limited applicability of k-infinity of 1.35 in the Technical Specifications for the new racks by including the gadolinium and burnup limit curves in the Technical Specifications; and (2) develop a procedure to verify rack-to-rack spacing following an OBE seismic event. By letter April 10, 1989, NNECO committed to address the issue in item (1). This additional change to the TS should be issued prior to the next scheduled refueling or outage requiring the reactor to be de-fueled. In the meantime, a procedure should be developed to ensure that the K-eff requirement for the new racks is being met by using the limit curves.

A copy of the related Safety Evaluation and Notice of Issuance are also enclosed. An environmental assessment and finding of no significant impact was previously published in the Federal Register.

Sincerely,

/s/

Michael L. Boyle, Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 40 to DPR-21
2. Safety Evaluation
3. Notice

cc w/enclosures:
See next page

[AMEND TAC 68157]

*SEE PREVIOUS CONCURRENCE

*LA:PDI-4 SNorris 09/1/89	*PM:PDI-4 MBoyle:lm 09/1/89	*PD:PDI-4 JStolz 09/5/89	*EMEB GBagchi 09/27/89	*SRXB WHodges 09/6/89	*SPLB CMcCracken 09/12/89
*EMTB CYCheng 09/28/89	*OGC 10/31/89	8912060113 891127 PDR ADDOCK 05000245 P FDC		JFol 11	

Mr. Edward J. Mrocza
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit No. 1

cc:

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DATED: November 27, 1989

AMENDMENT NO.40 TO FACILITY OPERATING LICENSE NO. DPR-21

Docket File

NRC & Local PDRs

Plant File

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