



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

October 22, 1990

Docket No. 50-213

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. 77537)

The Commission has issued the enclosed Amendment No.132 to Facility Operating License No. DPR-61 for the Haddam Neck Plant, in response to your application dated August 25, 1990 and supplemented in a letter dated August 29, 1990. As requested the amendment was reviewed on an emergency basis.

The amendment will add a footnote to Technical Specification (TS) Table 3.3-2 Item 3, "Auxiliary Feedwater", Table 3.3-3 Item 2, "Steam Line Isolation" and Table 4.3-2 Item 3, "Engineered Safety Features Actuation System Instrumentation Surveillance Requirements." The footnote would redefine the operability of the auxiliary feedwater (AFW) automatic initiation system as including credit for operator action to adjust auxiliary feedwater to full flow following automatic initiation and reliance on the control air system to ensure successful automatic auxiliary feedwater initiation.

CYAPCO has committed to resolve both deficiencies of the AFW automatic initiation system prior to restart for Cycle 17. The proposed resolution will meet the TMI requirements of Item II.E.1.2, "Auxiliary Feedwater Initiation and Flow Indication" for a fully automatic and safety grade system. The NRC staff proposes to meet with CYAPCO as soon as the design review has been completed for these modifications. In addition, because of the importance the staff places on the auxiliary feedwater system and the apparent weaknesses of the current AFW system, the staff recommends that CYAPCO investigate other improvements to improve AFW system reliability (i.e., upgrade of the electric AFW pump).

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A copy of the related Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Original signed by

Alan B. Wang, Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No.132 to DPR-61
- 2. Safety Evaluation

cc w/enclosures:
See next page

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Mr. Edward J. Mroczka
Connecticut Yankee Atomic Power Company
Northeast Nuclear Energy Company

Haddam Neck Plant &
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

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

Board of Selectmen
Town Hall
Haddam, Connecticut 06103

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

Superintendent
Haddam Neck Plant
RFD #1
Post Office Box 127E
East Hampton, Connecticut 06424

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

Resident Inspector
Haddam Neck Plant
c/o U.S. NRC
East Haddam Post Office
East Haddam, Connecticut 06423

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

AMENDMENT NO. 132 TO FACILITY OPERATING LICENSE NO.

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