

REGULATORY DOCUMENT

TWX

710-390-0739

WYR 76-108

YANKEE ATOMIC ELECTRIC COMPANY



20 Turnpike Road Westborough, Massachusetts 01581

October 26, 1976

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Office of Nuclear Reactor Regulation

- Reference:
- (1) License No. DPR-3 (Docket No. 50-29)
 - (2) USNRC letter to Yankee Atomic Electric Company dated August 11, 1976
 - (3) Response to Reference (2), J. L. French to NRC dated September 3, 1976



Dear Sir:

Reference (2) requested that Yankee evaluate the potential for over-pressurization of the reactor vessel as a result of a single equipment failure, or a single operator error and to implement design and/or procedural modifications as required to preclude such occurrences. Yankee was also requested to establish a schedule for submittal of the above information.

Reference (3) described Yankee's schedule for submittal of the requested information and additionally made a commitment to review its administrative controls and operating procedures. Modifications were to be made to those administrative controls and procedures where appropriate, to minimize the possibility of a reactor vessel overpressurization occurrence.

As a result of the review effort described above, the following actions have been taken at this time.

- A. Administrative Controls during all periods when the possibility of a reactor vessel overpressurization exists were reviewed in detail. Many precautions existed to minimize the possibility and the potential of this type of occurrence. One additional measure has been added when the reactor is in the cold shutdown mode. During this condition, one (1) licensed operator may be assigned to the Control Room for the express purpose of monitoring the main coolant system pressure during solid water conditions.
- B. All plant operating procedures were reviewed in detail. This review was performed concurrent with an ongoing program which is upgrading

8011060 752

P

[Handwritten initials]

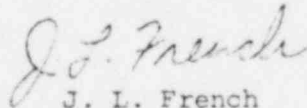
all procedures for conformance with the new Yankee Rowe Standard Technical Specifications. Many procedures already contain adequate precautions. The following procedures were modified to include further precautions and procedural steps to avoid conditions where the possibility of an overpressurization exists and minimize the potential of an occurrence.

Procedure Number	Title
OP-2125	Filling and Venting of the Main Coolant System
OP-2105	Plant Cooldown from Hot Shutdown
OP-2653	Removal of the Safety Injection System from Service
OP-2652	Preparation of the Safety Injection System for Normal Operation
OP-2002	Operations Department Personnel Shift Relief
OP-2140	Periodic Jogging of the Main Coolant Pumps during an Extended Shutdown

We trust that you will find the response satisfactory; however, should you desire additional information, please feel free to contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



J. L. French
Manager of Operations

JKT/kg

50-229

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: NRC

FROM: Yankee Atomic Elec Co
Westborough, Mass
J L French

DATE OF DOCUMENT 10-26-76

DATE RECEIVED 10-29-76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

one signed

DESCRIPTION

Ltr re our 8-11-76 ltr....furnishing info concerning potential overpressurization of the reactor vessel.....

REACTOR VESSEL OVERPRESSURIZATION
DISTRIBUTION PER G. ZECH 10-21-76

PLANT NAME: Yankee Rowe

ENCLOSURE

DO NOT

ACKNO

SAFETY

FOR ACTION/INFORMATION

10-29-76

ehf

- BRANCH CHIEF: (5)
- LIC. ASST:
- PROJECT MANAGER:

INTERNAL DISTRIBUTION

- REG FILE
- NRC PDR
- I & E (2)
- OELD
- GOSSICK & STAFF
- KNIGHT
- PAWLICKI
- NO'AK
- EISENHUT
- SHAO
- BAER
- BUTLER

EXTERNAL DISTRIBUTION

- LPDR: Greenfield, Mass
- TIC:
- NSIC:
- ACRS 16 CYS HOLDING SENT TO LA Sheppard

CONTROL NUMBER

POOR ORIGINAL

10923