



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

YANKEE ATOMIC ELECTRIC COMPANY

DOCKET NO. 50-29

YANKEE NUCLEAR POWER STATION (YANKEE-ROWE)

AMENDMENT TO FACILITY OPERATING LICENSE

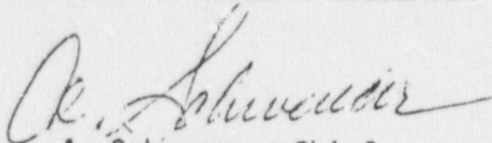
Amendment No. 25
License No. DPR-3

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Yankee Atomic Electric Company (the licensee) dated May 11, 1976, and supplements dated May 11, 17, and 19, 1976 and June 16, 1976, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment.

8011070/38

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read 'A. Schwencer', is written over the typed name.

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 7, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 25

FACILITY OPERATING LICENSE NO. DPR-3

DOCKET NO. 50-29

Revise Appendix A as follows:

Remove page 7a and insert revised page 7a.

- b. An unexplained increase of 45 cps in the air particulate monitor reading shall require bringing the plant to a hot standby condition to permit primary system inspection.

If both methods for determining main coolant leakage become inoperative and an hourly schedule of local sampling of vapor container air cannot be maintained, the plant will be brought to a hot standby condition.

e. Other Plant Protection

- (1) The reactor shall be scrammed automatically, above 15 MW electric, when the turbine is tripped for any reason. The turbine shall be protected by all usual protective trips including high thrust bearing temperature, low bearing oil pressure, low condenser vacuum and overspeed.
- (2) The reactor shall be scrammed automatically, above 15 MW electric when the generator is tripped for any reason. The generator shall be protected by all usual protective trips including overcurrent, differential and loss of field.
- (3) Automatic initiation of the safety injection system, pumps and valves, shall be set to operate at a main coolant pressure not less than 1700 psig or a containment pressure not greater than 5 psig.
- (4) The Low Pressure Safety Injection Accumulator shall have a minimum usable water volume of 700 ft³ and shall be pressurized to 337 psig \pm 10 psig.
- (5) The Safety Injection System which includes the Charging Pumps shall be maintained in readiness to inject borated water into the reactor at all times when the main coolant pressure is 1000 psig or higher. Charging system readiness requires that two fixed speed pumps be available. Since the pumps are high maintenance items, a fixed speed charging pump may be out of service for eight hours before a pressure reduction to less than 1000 psig is required.

The following manually-controlled, electrically operated valves shall be in the position indicated during normal power operation.