

ENCLOSURE II

MODEL TECHNICAL SPECIFICATION

FOR

YANKEE NUCLEAR POWER STATION (YANKEE-ROWE)

DOCKET NO. 50-29

Specification 16.4.18. Reactor Coolant System Oxygen, Chloride and Fluoride Concentration

- Specification:
- A. The concentrations of individual contaminants in the Reactor Coolant System shall be maintained within the limits specified in Table 16.4.18-1.
 - B. The concentration of O_2 , F^- and Cl^- shall be determined by chemical analysis at sampling frequencies of at least 5 times per 7 days with a maximum of 48 hours between samples.
 - C. With any one or more contaminant in excess of its Steady State Limit but within its Transient Limit, restore the contaminant concentration to within its Steady State Limit within 24 hours or be in COLD SHUTDOWN within the next 36 hours.
 - D. With any one or more contaminant concentration in excess of its Transient Limit, be in COLD SHUTDOWN within 36 hours.

8011050 686

TABLE 16.4.18-1
REACTOR COOLANT SYSTEM
CHEMISTRY LIMITS

<u>CONTAMINANT</u>	<u>STEADY STATE LIMIT</u>	<u>TRANSIENT LIMIT</u>
DISSOLVED OXYGEN	≤ 0.10 ppm*	≤ 1.00 ppm*
CHLORIDE	≤ 0.15 ppm	≤ 1.50 ppm
FLUORIDE	≤ 0.15 ppm	≤ 1.50 ppm

* Limit not applicable with $T_{avg} \leq 250^{\circ}\text{F}$.

PRELIMINARY DETERMINATION

NOTICING OF PROPOSED LICENSING AMENDMENT

Licensee: Yankee Atomic Electric Company (Yankee-Rowe)

Request for: Change of the low main coolant flow trip set points

Request Date: January 13 and February 19, 1975

- Proposed Action: () Pre-notice Recommended
 (X) Post-notice Recommended
 () Determination delayed pending completion of Safety Evaluation

Basis for Decision: In April 1972, we approved modifications to the reactor protection system which included a change in the trip initiating signal for low main coolant flow from a differential pressure measurement across the steam generator to a current indication from the primary coolant pumps. However, the corresponding correction to Table 1, Reactor Protection Setpoints, to reflect this modification was inadvertently omitted.

The proposed Tech Spec change is to correct this omission so that the Tech Specs reflect existing conditions. There is no actual change to the low flow setpoint nor in the manner of detecting low flow associated with this proposed correction. Thus, there is no safety significance associated with this change.

CONCURRENCES:

DATE:

1. A. Burger *A. Burger* 3/6/75
2. R. A. Purple *R. A. Purple* 3/6
3. K. R. Goller *Karl R. Goller* 3/6
4. Office of Executive Legal Director
Breg Jones

*Amt. No. 13
 Change No. 118
 atd. July 16*

POOR ORIGINAL