

ENCLOSURE 3

PLANT HATCH - UNIT 1
NRC DOCKET 50-321
OPERATING LICENSE DPR-57
REQUEST TO REVISE TECHNICAL SPECIFICATIONS:
CHANGES TO INLINE CONDUCTIVITY MEASUREMENT FREQUENCY SPECIFICATION
PAGE CHANGE INSTRUCTIONS

The proposed change to the Plant Hatch Unit 1 Technical Specifications
(Appendix A to Operating License DPR-57) will be incorporated as follows:

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3.6.F.2. Conductivity and Chloride

- a. During reactor operation when the reactor is pressurized, or above 212°F, and at less than 1% of rated steam flow, including hot standby, the reactor coolant shall not exceed the following limits:

Conductivity - 5 μ mho/cm at 25°C
Chloride - 0.1 ppm

- b. During reactor operation in excess of 1% of rated steam flow, the reactor coolant shall not exceed the following limits:

Conductivity - 2 μ mho/cm at 25°C
Chloride - 0.2 ppm

- c. The reactor coolant may exceed the limits of Paragraphs a and b, only for the time limits specified here. Exceeding these time limits or the following maximum limits shall be cause for immediately shutting down and placing the reactor in the cold shutdown condition.

Conductivity - Time above the conductivity limits in paragraphs a and b at 25°C, 2 weeks/year. Maximum limit - 10 μ mho/cm at 25°C.

Chloride - Time above 0.2 ppm 2 weeks/year. Maximum limit - 0.5 ppm.

The reactor shall be shut down if pH is <5.2 or >9.0 for a 24-hour period.

- d. When the reactor is not pressurized (i.e., at or below 212°F), reactor coolant shall be maintained below the following limits:

Conductivity - 10 μ mho/cm at 25°C
Chloride - 0.5 ppm

and pH shall be between 5.3 and 8.6.

4.6.F.2. Conductivity and Chloride

- a. Reactor coolant shall be continuously monitored for conductivity.

- (1) Whenever the continuous conductivity monitor is inoperable, an inline conductivity measurement shall be obtained:

(a) At least once every 4 hours when the reactor coolant temperature is >212° F.

(b) At least once every 24 hours when the reactor coolant temperature is \leq 212° F.

- (2) Once a week the continuous conductivity monitor shall be checked with an inline flow cell. This inline conductivity calibration shall be performed every 24 hours whenever the reactor coolant conductivity is >2.0 μ mho/cm at 25°C.

- b. During startup prior to pressurizing the reactor above atmospheric pressure, measurements shall be performed to show conformance with section a. of limiting conditions.

- c. Whenever the reactor is operating (including hot standby conditions), measurements of reactor water quality shall be performed according to the following schedule:

(1) Chloride ion content shall be measured at least once every 96 hours.

(2) Chloride ion content shall be measured at least once every 8 hours whenever reactor coolant conductivity is >2.0 μ mho/cm at 25°C.