

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

RHODE ISLAND AND PROVIDENCE PLANTATIONS

ATOMIC ENERGY COMMISSION

DOCKET NO. 50-193

AMENDMENT TO FACILITY LICENSE

Amendment No. 6
License No. R-95

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Rhode Island and Providence Plantations Atomic Energy Commission (the licensee) dated May 26, 1978, 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;
 - 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; and
 - F. Publication of notice of this amendment is not required since it does not involve a significant hazards consideration nor amendment of a license of the type described in 10 CFR Section 106 (a)(2).

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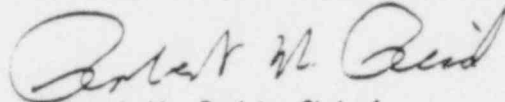
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.b. of Facility License No. R-95 is hereby amended to read as follows:

- b. Technical Specifications

The Technical Specifications contained in Appendix A, issued July 21, 1964, as revised through Amendment No. 6, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 2, 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 6

FACILITY OPERATING LICENSE NO. R-95

DOCKET NO. 50-193

Replace Page 26 of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by Amendment Number and contains a vertical line indicating the area of change.

pH	5.5 to 7.5
conductivity	2 μ mho/cm

- (6) The radioactive materials contained in the pool water and in the primary coolant water shall be such that the radiation level one meter above the surface of the pool shall be less than 10 mrem/hr.
- (7) During the forced circulation mode of operation, the primary coolant flow rate shall not be less than 1200 gpm. During determinations of reactor power by coolant heat balances, the coolant flow rate may be reduced to 600 gpm providing all other aspects of these Technical Specifications are met.

d. Secondary Cooling System

- (1) The secondary coolant shall be sampled at a minimum frequency of once per week and the samples analyzed for pH in accordance with written procedures. Corrective action shall be taken to avoid exceeding the pH limit given below:

pH	5.5 to 7.5
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- (2) The concentration of radionuclides in the secondary water shall be determined at least once each day the reactor operates using forced convection cooling. The concentration shall be determined at least once per week when not being operated using forced convection cooling.
- (3) If the radioactive materials contained in the secondary coolant exceed a radionuclide concentration in excess of the values in 10 CFR 20, Appendix B, Table I, Column II, above background, the reactor shall be shutdown and the condition corrected before operation using the secondary cooling system resumes.
- (4) The secondary coolant system shall be placed in operation as required during power operation utilizing forced convection in order to maintain a primary coolant core outlet temperature of 125°F or below.

e. Reactor Core and Control Elements

- (1) The reactor shall not contain in excess of 35 fuel elements. There shall be a minimum of four operable control elements.