



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MAINE YANKEE ATOMIC POWER COMPANY
(MAINE YANKEE ATOMIC POWER STATION)
DOCKET NO. 50-309
FACILITY OPERATING LICENSE

License No. DPR-36
Amendment No. 1

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for license filed by the Maine Yankee Atomic Power Company (the licensee) 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 and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the Maine Yankee Atomic Power Station (the facility) has been substantially completed in conformity with the application, as amended, Provisional Construction Permit No. CPPR-55, the provisions of the Act and the rules and regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - D. There is reasonable assurance (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
 - E. The licensee is technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;

- F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements" of the Commission's regulations;
 - G. The issuance of this amended license will not be inimical to the common defense and security or to the health and safety of the public;
 - H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Amendment No. 1 to Facility Operating License No. DPR-36 (subject to the conditions for protection of the environment set forth herein) is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and
 - I. The receipt, possession, and use of byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30 and 70, including but not necessarily limited to 10 CFR Sections 30.33, 70.23 and 70.31.
2. Facility Operating License No. DPR-36, issued to the Maine Yankee Atomic Power Company, is hereby amended in its entirety to read as follows:
- A. This amended license applies to the Maine Yankee Atomic Power Station, a pressurized, light water moderated and cooled reactor, and associated electric generating equipment (the facility), owned by the Maine Yankee Atomic Power Company. The facility is located on the licensee's site on the west shore of the Back River, in Lincoln County, Maine, approximately 3.9 miles south of Wiscasset, Maine, and is described in the Final Safety Analysis Report as supplemented and amended (Amendments 14 through 36) and the Environmental Report as supplemented and amended (Supplements 1 through 3).
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses the licensee:
 - (1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use and operate the facility as a utilization facility at the designated location in Lincoln County, Maine, in accordance with the procedures and limitations set forth in this license.

- 2.B.(7) This amended license is subject to the following conditions for protection of the environment:
- (a) If the continuing environmental monitoring program shows that significant and adverse effects are taking place with respect to Montsweag Bay as a result of Maine Yankee operation, the licensee will be required to take corrective action to alleviate the impact. Actions under consideration include adoption of an alternate cooling water discharge. Choice of corrective action would depend on the nature of the adverse effect encountered.
 - (b) The licensee will adhere to the mixing zone criteria established in the August 23, 1972, order of the Department of Environmental Protection of the State of Maine, or in any amendments to that order."
- 2.B.(8) This amended license is effective as of the date of issuance and shall expire at midnight October 21, 2008.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by A. Giambusso

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachments:
Appendices A & B - Technical Specifications

Date of Issuance: June 29, 1973