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

MAINE YANKEE ATOMIC POWER COMPANY

DOCKET NO. 50-309

MAINE YANKEE ATOMIC POWER STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 51
License No. DPR-36

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Maine Yankee Atomic Power Company, (the licensee) dated May 20, 1980, 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, and paragraph 2.B(6)(b) of Facility Operating License No. DPR-36 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 51 , 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 A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: January 21, 1981

ATTACHMENT TO LICENSE AMENDMENT NO. 51

TO FACILITY OPERATING LICENSE NO. DPR-36

DOCKET NO. 50-309

Revise Appendix A as follows:

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TECHNICAL SPECIFICATIONS

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ENGINEERED SAFEGUARDS SYSTEMS (Continued)

Subsystem (Continued)

safeguards manual and automatic initiation.

Degree of Redundancy

The difference between the number of operable channels and the number of channels which when tripped will cause an automatic system trip.

INSTRUMENTATION SURVEILLANCE

Channel Check

A qualitative determintion of acceptable operability by observation of channel behavior during normal plant operation. This determination shall, where feasible, include comparison of the channel with other independent channels measuring the same variable.

Channel Functional Test

Injection of a simulated signal into the channel to verify that it is operable, including any alarm and/or trip initiating action.

Channel Calibration/Channel Adjustment

Adjustment of channel output such that it responds, with acceptable range and accuracy, to known values of the parameter which the channel measures. Calibration shall encompass the entire channel, including equipment action, alarm, interlocks or trip and shall include the channel functional test.

MISCELLANEOUS DEFINITIONS

Operable

A system, subsystem, train, component or device shall be OPERABLE or have OPERABILITY when it is capable of performing its specified functions(s).

MISCELLANEOUS DEFINITIONS (Continued)

Operable (Continued)

Implicit in this definition shall be the assumption that all necessary attendant instrumentation, controls, normal and emergency electrical power sources, cooling or seal water, lubrication or other auxiliary equipment that are required for the system, subsystem, train, component or device to perform its function(s) are also capable of performing their related support function(s).

Operating

A system or component is operating if it is performing its safeguard or operating functions.

Control Rods

All full-length shutdown and regulating control elements assemblies (CEA).

Partial-Length Control Element Assemblies

Control element assemblies (CEA) that contain neutron absorbing material only in the lower quarter of their length.

Containment Integrity

Containment integrity is defined to exist when all of the following are true:

a. All non-automatic containment isolation valves and blind flanges are closed.

b. The equipment hatch is properly closed and sealed.

c. At least one hatch in the personnel air lock is properly closed and sealed.

d. All automatic containment isolation valves are operable or are locked closed.

e. The uncontrolled containment leakage satisfies Specification 4.4 Section I.B.3.

MISCELLANEOUS DEFINITIONS (Continued)

Reportable Occurrence

A reportable occurrence is defined in Section 5.3 of these specifications.

Radio Isotope Release Limits

The Maine Yankee radio isotope release limits are as defined in Technical Specification 3.16, paragraph A, item 2, for liquid releases and Technical Specification 3.17, paragraph A, item 2 for gaseous releases.

FREQUENCY NOTATION

The frequency notation specified for the performance of Surveillance Requirements shall correspond to the intervals defined in Table 0.1.

Fire Suppression Water System

A fire suppression water system shall consist of: A water source(s); gravity tank(s) or pump(s); and distribution piping with associated sectionalizing control or isolation valves. Such valves shall include yard hydrant curb valves, and the first valve ahead of the water flow alarm device on each sprinkler, hose standpipe or spray system riser.

LIMITING CONDITIONS FOR OPERATION

When a system, subsystem, train, component or device is determined to be inoperable solely because its emergency power source is inoperable, or solely because its normal power source is inoperable, it may be considered OPERABLE for the purpose of satisfying the requirements of its applicable Limiting Condition for Operation, provided: (1) its corresponding normal or emergency power source is OPERABLE; and (2) all of its redundant system(s), subsystem(s), train(s), component(s) and device(s) are OPERABLE, or likewise satisfy the requirements of this specification. Unless both conditions (1) and (2) are satisfied, the unit shall commence a continuous controlled shutdown at a rate equal to or greater than 15 percent per hour and be in the Cold Shutdown Condition within 30 hours. This specification is not applicable in the Cold Shutdown or Refueling Shutdown Condition.

This requirement delineates what additional conditions must be satisfied to permit operation to continue. It specifically prohibits operation when one train is inoperable because its normal or emergency power source is inoperable and a system, subsystem, component or device in the other train is inoperable for another reason.