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

VERMONT YANKEE NUCLEAR POWER CORPORATION

DOCKET NO. 50-271

VERMONT YANKEE NUCLEAR POWER STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 138
License No. DPR-28

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

   A. The application for amendment filed by the Vermont Yankee Nuclear Power Corporation (the licensee) dated August 4, 1993, 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 3.B of Facility Operating License No. DPR-28 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 138, 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 its date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

Walter R. Butler

Walter R. Butler, Director
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 22, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 138

FACILITY OPERATING LICENSE NO. DPR-28

DOCKET NO. 50-271

Replace the following pages of the Appendix A Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

Remove	Insert
173	173
173a	173a
174	174

3.10 LIMITING CONDITIONS FOR OPERATION

3.10 Auxiliary Electrical Power Systems

Applicability

Applies to the auxiliary electrical power systems.

Objective

To assure an adequate supply of electrical power for operation of those systems required for reactor safety.

Specification

A. Normal Operation

The reactor shall not be made critical unless all of the following conditions are satisfied.

1. Diesel Generators

Both emergency diesel generators shall be operable and capable of starting and reaching rated voltage and frequency in not more than 13 seconds.

4.10 SURVEILLANCE REQUIREMENTS

4.10 Auxiliary Electrical Power Systems

Applicability

Applies to the periodic testing requirements of the auxiliary electrical power systems.

Objective

To verify the operability of the auxiliary electrical power systems.

Specification

A. Normal Operation

1. Diesel Generators

Note: All diesel generator starts may be preceded by an engine prelube and warmup procedures.

a. Monthly

1. Each diesel generator shall be manually started using the undervoltage, automatic starting circuit, the speed increased from idle to synchronous and then gradually loaded to expected maximum emergency loading not to exceed the continuous rating to demonstrate operational readiness. The test shall continue for a minimum period of one hour.

3.10 LIMITING CONDITIONS FOR OPERATION

4.10 SURVEILLANCE REQUIREMENTS

4.10.A.1.a (continued)

2. Each diesel generator starting air compressor shall be checked for operation and its ability to recharge the air receivers.

3. Once each six months, in lieu of Specification 4.10.A.1.a.1, each diesel generator shall be manually started using the undervoltage, automatic starting circuit and loaded to demonstrate that it will reach rated frequency and voltage within specified time limits. The diesel generator shall then be gradually loaded to expected maximum emergency loading not to exceed the continuous rating and run for a minimum period of one hour. The time taken to reach rated frequency and voltage shall be logged.

3.10 LIMITING CONDITIONS FOR OPERATION

4.10 SURVEILLANCE REQUIREMENTS

b. Operating Cycle Test

The actual conditions under which the diesel generators are required to start automatically will be simulated and a test conducted to demonstrate that they will start within 13 seconds and accept the emergency loads and start each load within the specified starting time. The results shall be logged.

c. Each diesel fuel oil transfer pump shall be tested in accordance with Specification 4.6.E.

2. Battery Systems

The following battery systems shall be operable:

a. The four Neutron Monitoring and Process Radiation Batteries, associated chargers, and 24 VDC Distribution Panels.

b. The two main station battery systems consisting of:

1. Battery A1, Battery Charger A or Spare Charger AB and Bus DC-1.

2. Battery B1, Battery Charger B or Spare Charger AB and Bus DC-2.

c. Two Switchyard Batteries each with one associated charger and its associated DC distribution panel.

2. Battery Systems

a. Every week the specific gravity, temperature, level, and voltage of the pilot cell and overall battery voltage shall be measured and logged.

b. Every three months the voltage, temperature, level, and specific gravity of each cell, and overall battery voltage shall be measured and logged.

c. Once per operating cycle each ECCS battery, Alternate Shutdown AS-2 battery, and Main Station battery shall be subjected to a Service (Load Profile) discharge test. The specific gravity and voltage of each cell shall be measured after the recharge at the end of the discharge test and logged.