

April 1, 1985

Docket No. 50-271

Mr. R. W. Capstick
Licensing Engineer
Vermont Yankee Nuclear Power Corporation
1671 Worcester Road
Framingham, Massachusetts 01701

Dear Mr. Capstick:

The Commission has issued the enclosed Amendment No. 87 to Facility Operating License No. DPR-28 for the Vermont Yankee Nuclear Power Station. The amendment consists of changes to the Technical Specifications in response to your application dated January 15, 1985.

The amendment revises the Technical Specifications to provide alternative staffing requirements should the Operations Supervisor not possess a Senior Reactor Operator License.

A copy of the Safety Evaluation is also enclosed.

Sincerely,

Original signed by MCThadani for/

Vernon L. Rooney, Project Manager
Operating Reactors Branch #2
Division of Licensing

Enclosures:

1. Amendment No. 87 to License No. DPR-28
2. Safety Evaluation

cc w/enclosure:
See next page

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Mr. R. W. Capstick
Vermont Yankee Nuclear Power Corporation
Vermont Yankee Nuclear Power Station

cc:

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

VERMONT YANKEE NUCLEAR POWER CORPORATION

DOCKET NO. 50-271

VERMONT YANKEE NUCLEAR POWER STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 87
License No. DPR-28

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Vermont Yankee Nuclear Power Corporation (the licensee) dated January 15, 1985, 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.C.(2) of Facility Operating License No. DPR-28 is hereby amended to read as follows:

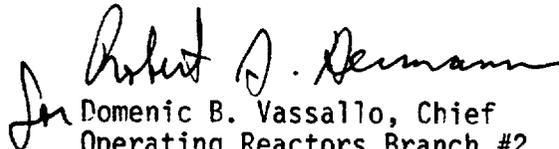
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(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 87, 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


Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 1, 1985

ATTACHMENT TO LICENSE AMENDMENT NO. 87

FACILITY OPERATING LICENSE NO. DPR-28

DOCKET NO. 50-271

Revise the Technical Specifications as follows:

<u>Remove</u>	<u>Insert</u>
190	190
190-a	190-a
192	192
193	193

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6.0 ADMINISTRATIVE CONTROLS

Administrative controls are the written rules, orders, instructions, procedures, policies, practices, and the designation of authorities and responsibilities by the management to obtain assurance of safety and quality of operation and maintenance of a nuclear power reactor. These controls shall be adhered to.

6.1 ORGANIZATION

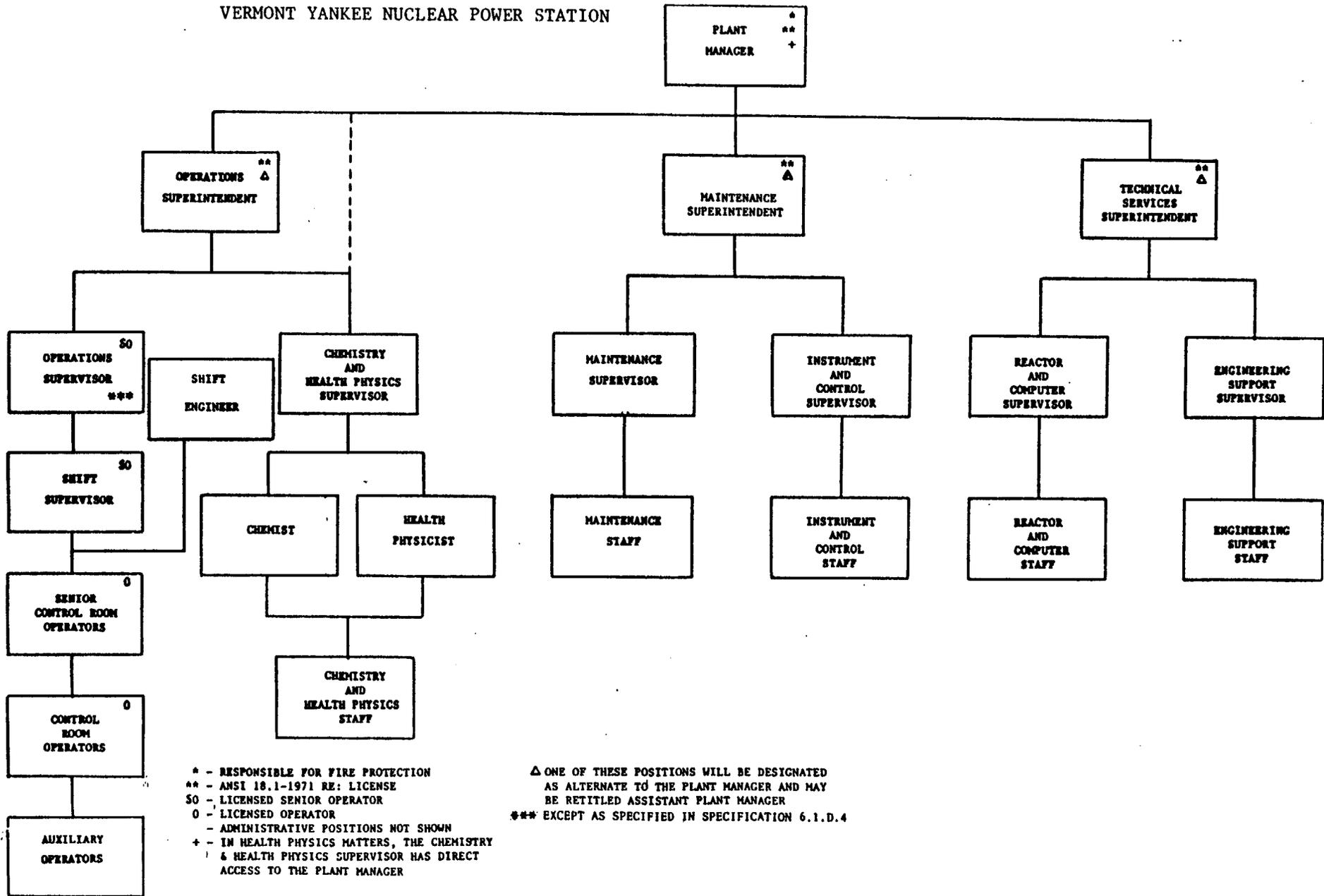
- A. The Plant Manager has on-site responsibility for the safety and efficient operation of the facility. Succession to this responsibility during his absence shall be delegated in writing.
- B. The portion of the corporate management which relates to the operation of this plant is shown in Figure 6.1.1.
- C. In all matters relating to the operation of the plant and to those Technical Specifications, the Plant Manager shall report to and be directly responsible to the Manager of Operations.
- D. Conduct of operations of the plant is shown in Figure 6.1.2 and will be in accordance with the following minimum conditions (see Table 6.1.1).
 - 1. A licensed Senior Operator and an individual qualified in radiation protection procedures shall be present on-site at all times when there is fuel in the reactor.
 - 2. Licensed Operators on-site shall be in accordance with Table 6.1.1, one of which must be in the Control Room at all times when fuel is in the reactor.
 - 3. A licensed Senior Operator shall be in charge of any refueling operation.
 - 4. Qualifications with regard to educational background experience, and technical specialities of the key supervisory personnel listed below shall apply and be maintained in accordance with the levels described in the American National Standards Institute N18.1-1971, "Selection and Training of Personnel for Nuclear Power Plants".
 - a. Plant Manager
 - b. Operations Superintendent
 - c. Technical Services Superintendent
 - d. Maintenance Superintendent
 - e. Chemistry and Health Physics Supervisor
 - f. Operations Supervisor (see Item D.7, Page 190a)
 - g. Reactor and Computer Supervisor
 - h. Maintenance Supervisor
 - i. Instrument and Control Supervisor
 - j. Shift Supervisors

VYNPS

5. The Plant Health Physicist shall meet or exceed the qualifications of Regulatory Guide 1.8, Revision 1 (September 1975).
 6. The Shift Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design, and response and analysis of the plant for transients and accidents.
 7. If the Operations Supervisor does not possess a Senior Operator License, then an Assistant Operations Supervisor shall be designated that does possess a Senior Operator License. All instructions to the shift crews involving licensed activities shall then be approved by the designated Assistant Operations Supervisor.
- E. A Fire Brigade of at least 5 members shall be maintained on-site at all times. # This excludes 2 members of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.

#Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of Fire Brigade members provided immediate action is taken to restore the Fire Brigade to within the minimum requirements.

VERMONT YANKEE NUCLEAR POWER STATION



* - RESPONSIBLE FOR FIRE PROTECTION
 ** - ANSI 18.1-1971 RE: LICENSE
 SO - LICENSED SENIOR OPERATOR
 0 - LICENSED OPERATOR
 - ADMINISTRATIVE POSITIONS NOT SHOWN
 + - IN HEALTH PHYSICS MATTERS, THE CHEMISTRY & HEALTH PHYSICS SUPERVISOR HAS DIRECT ACCESS TO THE PLANT MANAGER

Δ ONE OF THESE POSITIONS WILL BE DESIGNATED AS ALTERNATE TO THE PLANT MANAGER AND MAY BE RETITLED ASSISTANT PLANT MANAGER
 *** EXCEPT AS SPECIFIED IN SPECIFICATION 6.1.D.4

Organizational Chart

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TABLE 6.1.1

Vermont Yankee staff positions that shall be filled by personnel holding Senior Operator and Operator Licenses are indicated in the following table:

<u>Title</u>	<u>License</u>
Operations Supervisor	Senior Operator (Except as specified in Specification 6.1.D.4)
Shift Supervisor	Senior Operator
Supervisory Control Room Operator	Operator
Control Room Operator	Operator

<u>MINIMUM SHIFT CREW PERSONNEL & LICENSE REQUIREMENTS</u>	<u>Conditions</u>		
	<u>Normal Operation</u>	<u>Plant Startup</u>	<u>Cold Shutdown</u>
Shift Supervisor	(1)	(1)	-
Supervisory Control Room Operator	(1)	(1)	(1)
Control Room Operator	(1)	(1)	(1)
Auxiliary Operator	(2)	(2)	(1)
Shift Engineer	(1)	(1)	-
Senior Operators License	(1)	(1)	(1)
Operators License	(2)	(2)	(1)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 87 TO FACILITY OPERATING LICENSE NO. DPR-28

VERMONT YANKEE NUCLEAR POWER CORPORATION

VERMONT YANKEE NUCLEAR POWER STATION

DOCKET NO. 50-271

1.0 Introduction

By letter dated January 15, 1985, Vermont Yankee Nuclear Power Corporation (the licensee) requested an amendment to the Technical Specifications, Appendix A, Facility Operating License No. DPR-28 for the Vermont Yankee Nuclear Power Station. This change would provide alternative staffing requirements should the Operations Supervisor not possess a Senior Reactor Operator license.

2.0 Evaluation

The current Technical Specification 6.1.D.4 for the Vermont Yankee Nuclear Power Station requires that key supervisory personnel meet the qualification requirements of ANSI N18.1-1971, "Selection and Training of Nuclear Power Plant Personnel." One of the key supervisory personnel listed is the Operations Supervisor who is required to have a Senior Operator's License. At Vermont Yankee, the Operations Supervisor is the person principally responsible for directing the actions of the operating shift crews (Shift Supervisors, Senior Control Room Operators, Control Room Operators, and Auxiliary Operators). The Operations Supervisor reports to the Operations Superintendent, who has managerial responsibility for operations, chemistry and health physics. The Operations Superintendent reports to the Plant Manager, who has managerial responsibility for all plant activities.

By letter dated January 15, 1985, the licensee requested a change to the Technical Specifications to provide alternate requirements should the Operations Supervisor not possess a Senior Operator's License for an interim period. Although the incumbent Operations Supervisor has a Senior Operator's License and meets the requirements of ANSI N18.1-1971, he plans to transfer to another position within the Vermont Yankee organization. The licensee intends to replace him with a prospective Operations Supervisor who does not currently have a Senior Operator's License, but who otherwise meets the requirements of ANSI N18.1-1971. It is the licensee's intent to eventually license the prospective Operations Supervisor at the Senior Operator level. During such time that the Operations Supervisor does not have a Senior Operator's License, an Assistant Operations Supervisor would be designated who does have a

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Senior Operator's License. All instructions to the operating shift crews involving licensed activities would have to be approved by the designated Assistant Operations Supervisor.

The staff has reviewed the licensee's proposal and concludes that it contains adequate compensatory measures to accommodate interim periods during which the Operations Supervisor does not have a Senior Operator's License. The temporary direction of licensed activities by a licensed Assistant Operations Supervisor is acceptable.

3.0 Summary

Based on the information provided by the licensee, we have concluded that the proposed changes to provide alternative staffing requirements should the Operations Supervisor not possess a Senior Reactor Operator's License are acceptable.

4.0 Environmental Considerations

This amendment relates to changes in administrative procedures or requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: M. Schoppman

Dated: April 1, 1985