

June 12, 1984

Docket No. 50-271

Mr. J. B. Sinclair  
Licensing Engineer  
Vermont Yankee Nuclear Power Corporation  
1671 Worcester Road  
Framingham, Massachusetts 01701

Dear Mr. Sinclair:

SUBJECT: ISSUANCE OF ORDER CONFIRMING LICENSEE COMMITMENTS  
ON EMERGENCY RESPONSE CAPABILITY

The Commission has issued the enclosed Order confirming your commitments on emergency response capability for the Vermont Yankee Nuclear Power Station. This Order is based on your letter dated April 19, 1983, as modified by letters dated August 4 and 12, and November 16, 1983, committing to the actions specified in the Order.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Original signed by/

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

Enclosure:  
Order

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Mr. J. B. Sinclair  
Vermont Yankee Nuclear Power Corporation  
Vermont Yankee Nuclear Power Station

cc:

Mr. W. F. Conway  
President & Chief Executive Officer  
Vermont Yankee Nuclear Power Corp.  
R. D. 5, Box 169  
Ferry Road  
Brattleboro, Vermont 05301

Mr. Louis Heider, Vice President  
Vermont Yankee Nuclear Power Corp.  
1671 Worcester Road  
Framingham, Massachusetts 01701

New England Coalition on Nuclear  
Pollution  
Hill and Dale Farm  
R. D. 2, Box 223  
Putney, Vermont 05346

Mr. Walter Zaluzny  
Chairman, Board of Selectman  
Post Office Box 116  
Vernon, Vermont 05354

J. P. Pelletier, Plant Manager  
Vermont Yankee Nuclear Power Corp.  
Post Office Box 157  
Vernon, Vermont 05354

Raymond N. McCandless  
Vermont Division of Occupational  
& Radiological Health  
Administration Building  
10 Baldwin Street  
Montpelier, Vermont 05602

Honorable John J. Easton  
Attorney General  
State of Vermont  
109 State Street  
Montpelier, Vermont 05602

John A. Ritscher, Esquire  
Ropes & Gray  
225 Franklin Street  
Boston, Massachusetts 02110

W. P. Murphy, Vice President &  
Manager of Operations  
Vermont Yankee Nuclear Power Corp.  
R. D. 5, Box 169  
Ferry Road  
Brattleboro, Vermont 05301

U. S. Environmental Protection  
Agency  
Region I Office  
Regional Radiation Representative  
JFK Federal Building  
Boston, Massachusetts 02203

Public Service Board  
State of Vermont  
120 State Street  
Montpelier, Vermont 05602

Vermont Yankee Decommissioning  
Alliance  
5 State Street  
Box 1117  
Montpelier, Vermont 05602

Resident Inspector  
U. S. Nuclear Regulatory Commission  
Post Office Box 176  
Vernon, Vermont 05354

Vermont Public Interest Research  
Group, Inc.  
43 State Street  
Montpelier, Vermont 05602

Thomas A. Murley  
Regional Administrator  
Region I Office  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Mr. Richard Saudek, Commissioner  
Vermont Department of Public Service  
120 State Street  
Montpelier, Vermont 05602

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
VERMONT YANKEE NUCLEAR POWER CORPORATION	}	Docket No. 50-271
(Vermont Yankee Nuclear Power Station)	}	

ORDER CONFIRMING LICENSEE COMMITMENTS  
ON EMERGENCY RESPONSE CAPABILITY

I.

Vermont Yankee Nuclear Power Corporation (VYNPC) (the licensee) is the holder of Facility Operating License No. DPR-28 which authorizes the operation of the Vermont Yankee Nuclear Power Station (the facility) at steady-state power levels not in excess of 1593 megawatts thermal. The facility is a boiling water reactor (BWR) located in Windham County, Vermont.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

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accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

### III.

VYNPC responded to Generic Letter 82-33 by letter dated April 19, 1983. By letters dated August 4 and 12, and November 16, 1983, VYNPC modified several dates as a result of negotiations with the NRC staff. In these submittals, VYNPC made commitments to complete the basic requirements. The attached Table summarizing VYNPC's schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by VYNPC.

VYNPC's commitments include (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated and confirmed by a subsequent order.

The NRC staff reviewed VYNPC's April 19, 1983 letter and entered into negotiations with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these negotiations, the licensee modified certain dates by letters dated August 4 and 12, 1983. The NRC staff finds that the modified dates are reasonable, achievable dates for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of VYNPC's commitments are required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

#### IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensee shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in VYNPC's submittals noted in Section III herein no later than the dates in the Attachment.

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.

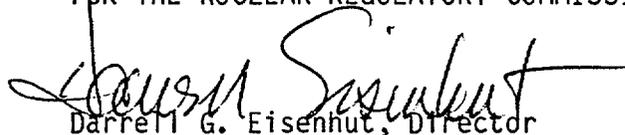
The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,  
this 12 day of June, 1984.

Attachment:  
Licensee's Commitments on  
Requirements Specified in  
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	February 1, 1985
	1b. SPDS fully operational and operators trained.	Submit a firm completion date by February 1, 1985.
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	May 1, 1984
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	Submit a firm completion date by July 1, 1985.
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	August 1, 1984
	3b. Implement (installation or upgrade) requirements.	Submit a firm completion date by August 1, 1984.

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC.	July 1, 1984
	4b. Implement the upgraded EOPs.	February 1, 1985
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Fully functional except that data aquisition will be complete when SPDS is complete.
	5b. Operational Support Center fully functional.	Complete
	5c. Emergency Operations Facility fully functional.	November 1, 1985