

VERMONT YANKEE NUCLEAR POWER CORPORATION

SEVENTY SEVEN GROVE STREET

RUTLAND, VERMONT 05701

2.C.2.1

REPLY TO: FVY 81-104
ENGINEERING OFFICE

1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
TELEPHONE 617-872-8100

July 8, 1981

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Attention: Mr. Boyce H. Grier, Director

Reference: (a) License No. DPR-28 (Docket No. 50-271)
(b) Letter, USNRC to VYNPC, dated July 1, 1981
(c) Letter, VYNPC to USNRC, FVY 81-95, dated June 25, 1981

Subject: Prompt Notifications and Instructions to the Public in the
Event of an Emergency

Dear Sir:

Reference (b) requested certain information regarding the implementation of Vermont Yankee's Emergency Public Notification System. This information has already been submitted to the Office of Nuclear Reactor Regulations via Reference (c). A copy of that reference is attached in response to your request.

We trust this information will be satisfactory; however, should you have further questions, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

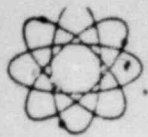
R. L. Smith
Licensing Engineer

RLS/smw
Attachment

cc: Office of Inspection and Enforcement
Washington, D. C. 20555
Mr. Brian K. Grimes, Director
Division of Emergency Preparedness



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FVY 81-95

REPLY TO:
ENGINEERING OFFICE

1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01700
TELEPHONE 817-872-8100

June 25, 1981

United States Nuclear Regulatory Commission
Washington, D. C. 20555

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

References: (a) License No. DPR-28 (Docket No. 50-271)
(b) 10CFR50, Appendix E, Section IV.D.3
(c) VYNPC Letter to USNRC, dated March 31, 1981 (FVY 81-53)
(d) YAEPC Letter to USNRC, dated January 28, 1981 (FYR 81-13)
(e) FEMA-Region I Letter to YAEPC, dated January 20, 1981

Subject: Emergency Public Notification System Implementation

~~Dear~~ Sir:

Reference (b) above specifies the design objectives for an emergency public notification system within the plume exposure EPZ and requires that such a system be implemented by July 1, 1981. The purpose of this letter is to outline to you the status of the work to date on this system and to indicate that its installation and operational completion will be delayed beyond the July 1, 1981 date. In accordance with 10CFR50.12, Vermont Yankee hereby requests an extension of the July 1, 1981 date for the reasons described below.

Background

Vermont Yankee submitted an upgraded emergency plan by Reference (c). Section 11.2 of that plan, Public Notification, outlines the existing emergency public notification process and indicates that these systems are being reviewed for upgrading to meet the NRC regulations regarding prompt notification of the public. NRC and the FEMA-Region I staff were provided a copy of the system review status and potential upgrade recommendations earlier this year. Reference (d) was our submittal to your staff wherein we enclosed the results of an extensive investigation of existing and proposed public notification equipment. We initiated this study in May of 1980 (six months prior to the effective date of the emergency plan rule change). In Reference (d), we requested an expeditious review by your staff to provide comments which would allow us to proceed with some measure of confidence for ultimate acceptance of the proposed public notification systems. We did not

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receive a response from your staff, but the FEMA-Region 1 staff did respond in Reference (e), indicating conditional approval of the proposed system.

On the basis of this indication from FEMA and our discussions with both local and state officials we proceeded to implement the Vermont Yankee prompt public notification system.

Implementation Approach

On the basis of detailed determinations between Vermont Yankee, state representatives, and officials from each of the communities within the plume exposure EPZ, we have proceeded to arrange for the purchase and installation of the various equipment components of the public notification system. We, as the licensee, have assumed the lead role in this effort and are responsible for the purchase and installation of the equipment. We are in close contact with the local community officials on all aspects of the system and are currently involved in the process of formalizing the public notification system responsibilities by detailed letters of agreement between Vermont Yankee and each of the plume exposure EPZ communities. The letters of agreement have been submitted to nearly every community and we are now engaged in follow-up discussions to consummate these agreements.

Implementation Status

The National Weather Service NOAA Weather Radio Network will be the primary alert mechanism used for this system. Where feasible, due to terrain and population density considerations, fixed outdoor sirens will be used. The mix of equipment to be used for each town is specified in the letter of agreement with that town. Essentially all equipment necessary to implement the prompt public notification system has already been ordered. The 3,500 NOAA weather radios required have been received and delivery of the outdoor sirens is anticipated during July and August 1981. Signed agreements with each community will allow us to proceed with the final step — equipment installation. We anticipate local community agreements will be signed within 30 to 60 days.

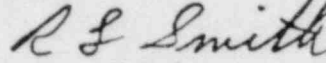
Conclusion:

This very involved process of upgrading the plume exposure EPZ emergency public notification capability to address the NRC design objective is well established and proceeding. As outlined above, the purchase of the necessary equipment, its installation, and formal agreements with each local community covering its use and maintenance are all anticipated to be completed over the next two months. This should allow for final system checkout and implementation plan completion by the November 30, 1981. In the interim, the emergency public notification methods that would be used in any emergency requiring notification would be the existing arrangements contained in state and local emergency plans as briefly summarized in Section 11.2 of Reference (c).

We trust the information supplied above is satisfactory; however, should you have any questions or desire additional information, please feel free to contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

A handwritten signature in cursive script, appearing to read "R L Smith".

R. L. Smith
Licensing Engineer

RLS/kab