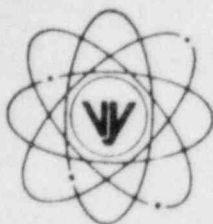


# VERMONT YANKEE NUCLEAR POWER CORPORATION



RD 5, Box 169, Ferry Road, Brattleboro, VT 05301

FVY 84-51

REPLY TO:  
ENGINEERING OFFICE

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

May 21, 1984

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

References: a) License No. DPR-28 (Docket No. 50-271)  
b) Letter, USNRC to VYNPC, dated 5/26/83  
c) Letter, VYNPC to USNRC, FVY 83-122, dated 11/30/83  
d) Telecon, VYNPC to USNRC, dated 3/27/84

Dear Sir:

Subject: NUREG 0612 - Response to NRC Open Item Regarding Safe Load Paths

Reference b) required that we provide additional information regarding open items identified in the Franklin Research Center Final Draft Report. In response to this request, Reference c) was forwarded to the NRC. In a subsequent telephone conversation (Reference d) between Vermont Yankee (D. Reid, R. Lopriore), Yankee (J. Sinclair), USNRC (V. Rooney, G. Singh) and Franklin Research Center (C. Bomberger), it was determined that one open item remained to be resolved. A revised response to this open item is submitted as follows:

1. Recommendation/Open Item

To insure that loads are safely handled at Vermont Yankee Nuclear Power Station, the licensee should perform the following actions:

- a. Perform an engineering review of load paths currently in use, and formally approve and incorporate into procedures and drawings those load paths for major loads lifted at the Vermont Yankee plant.
- b. Provide suitable visual aids for the crane operator to ensure adherence to established load paths.
- c. Verify deviations from these load paths require approval by the Plant Safety Review Committee or its equivalent.

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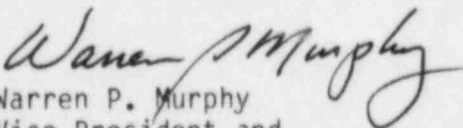
Response

- a. The maintenance procedures for assembly and disassembly of the reactor vessel will be revised to define safe load paths for the following major loads: reactor cavity shield blocks, dryer/separator pool shield block, fuel pool gate shield blocks, drywell head, reactor vessel head, steam dryer, steam separator and the cattle chute.
- b. A refuel floor layout will be marked up to indicate the safe load paths for the items listed in a. above; this layout will be incorporated into the maintenance procedures for vessel assembly and disassembly. The tag man directing the crane operator's movement will use this layout to assure that safe load paths are adhered to. In addition, a copy of the layout will be posed in the operator's cab of the main reactor building crane.
- c. The maintenance procedures for vessel assembly and disassembly will be revised to include the requirement that prior to making deviations from the established safe load paths specified in the procedure, review and approval will be obtained from either the Maintenance Supervisor, Senior Maintenance Engineer or the Maintenance Engineer.

These procedural changes and administrative controls will be implemented within 60 days of the receipt of NRC approval of this response. Further discussions or clarification in this regard should be deferred until the 1984 refueling outage is completed.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

  
Warren P. Murphy  
Vice President and  
Manager of Operations