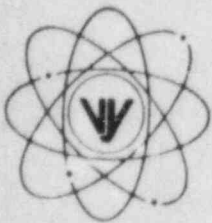


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

June 27, 1984
FVY 84-66

REPLY TO:
ENGINEERING OFFICE
1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
TELEPHONE 617-872-8100

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

Attention: Office of Nuclear Reactor Regulation
Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing

References: (a) License No. DPR-28 (Docket No. 50-271)
(b) Letter, USNRC to VYNPC, NRY 84-50, dated March 12, 1984
(c) Letter, USNRC to VYNPC, NRY 84-108, dated May 22, 1984

Subject: Operation of Purge and Vent Valves at Vermont Yankee

Dear Sir:

By letters, dated March 12, 1984 [Reference (b)] and May 22, 1984 [Reference (c)], you requested that we provide you with additional information regarding the operation of purge and vent valves at our facility.

Specifically, by Reference (b), you requested that we provide you with an iodine spike limit for the reactor coolant concentration to assure that the radiological consequences of a postulated Loss-of-Coolant Accident while purging are within 10CFR Part 100 dose guidelines. We have evaluated your request and concur that an iodine spike limit of four (4) microcuries/gram of I-131 dose equivalent per gram of water (consistent with NUREG-0123, Boiling Water Reactor Standardized Technical Specifications), appears appropriate for our facility.

By Reference (c), you requested that we provide a Technical Specification for purge and vent valves V16-19-7 and 7a, limiting the opening of these valves to 50° open while operating. We also concur that a Technical Specification addressing these valves appears to be appropriate.

We will initiate our formal Technical Specification review process so that a formal request for an amendment to our operating license can be submitted for both the iodine spike limit and for limiting the opening of valves V16-19-7 and 7a. We presently expect to submit this request in October 1984. This schedule reflects consideration of the engineering efforts associated with our 1984 refueling outage, which commenced on June 16 and is scheduled to end in August 1984.

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United States Nuclear Regulatory Commission
Attention: Mr. Domenic B. Vassallo, Chief

June 27, 1984
Page 2

It is our understanding from discussions with members of you Staff, that pending the NRC's approval of our license amendment request, the issue of operability of purge and vent valves at our facility will be considered closed.

We trust that this information is deemed acceptable; however, should you have any questions in this matter, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

J.B. Sinclair
J. B. Sinclair
Licensing Engineer

JBS/clr

Enclosure