

New Hampshire Yankee

George S. Thomas
Vice President-Nuclear Production

NYN-89064

May 19, 1989

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

- References:
- a) Facility Operating License NPF-56, Docket No. 50-443
 - b) "Safety Evaluation Report related to the operation of Seabrook Station Units 1 and 2" NUREG-0896, Supplement No. 5 dated August, 1986
 - c) PSNH Letter SBN-1143 dated June 26, 1986, "NRC Requests for Additional Information" G. S. Thomas to V. S. Noonan

Subject: Pressurizer Relief Tank (PRT) Temperature Indication

Gentlemen:

In Reference (c) New Hampshire Yankee (NHY) made the following commitment:

"We will show that the quench tank temperature indication will remain functional and on-scale, including the maximum expected saturation temperature, during any accident that lifts the pressurizer relief valves, or provide a range that will envelop these conditions. If an extended range is necessary it will be installed before startup after the first refueling outage."

This commitment was made in response to the review by EG&G Idaho Inc., for the NRC, of NHY's compliance with USNRC Regulatory Guide 1.97. The EG&G review was documented in Reference (b), Appendix L.

The purpose of this letter is to notify the NRC that NHY has completed this commitment. A design change has been implemented which extends the indication range of the PRT (RG 1.97 identifies as a quench tank) temperature instrumentation to a temperature (350°F) which is above the maximum expected saturation temperature (338°F) corresponding to the PRT rupture disk pressure of 100 psig. The details of this design change are available at Seabrook Station for NRC review.

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11

United States Nuclear Regulatory Commission
Attention: Document Control Desk

May 19, 1989
Page 2

FSAR revisions associated with this design change will be provided in a future FSAR amendment.

Very truly yours,



George S. Thomas

cc: Mr. William T. Russell
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