

New Hampshire Yankee

Yed C. Feigenbaum
President and
Chief Executive Officer

NYN- 92066

May 25, 1992

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

Attention: Document Control Desk

References: (a) Facility Operating License No. NPF-86, Docket No. 50-443
(b) NHY Letter dated June 9, 1986 "Seabrook Station Turbine Inspection Program" G. S. Thomas to NRC
(c) NUREG-0896, Supplement No. 5 "Safety Evaluation Report Related to the Operation of Seabrook Station Units 1 and 2" July 1986

Subject: Seabrook Station Turbine Overspeed Protection Maintenance and Testing Program

Gentlemen:

New Hampshire Yankee has enclosed a copy of the Seabrook Station Turbine Overspeed Protection Maintenance and Testing Program, Revision 0.

New Hampshire Yankee committed to submit this program within three years of obtaining an operating license [Reference (b)]. The NRC documented this commitment in Supplement No. 5 to the Safety Evaluation Report [Reference (c)] as follows:

3.5.1.3 Turbine Missiles

By letter dated June 9, 1986, the applicant committed to adopt a turbine maintenance program recommended by the manufacturer based on turbine missile generation. On the basis of this commitment, the applicant will submit for NRC approval, within 3 years of obtaining an operating license, a turbine system maintenance program. The contents of this program will be based on the manufacturer's calculations of missile generation probabilities.

If the applicant is unable to provide the turbine system maintenance program as described above, the staff will require the applicant to volumetrically inspect all low-pressure turbine rotors at the second refueling outage, as stated in Section 3.5.1.3 of the SER, and every other (alternate) refueling outage thereafter until some other maintenance program is approved by the staff.

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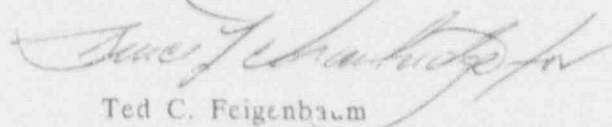
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The enclosed program document describes the basis for the Turbine Maintenance and Testing Program for Seabrook Station Unit 1. This program encompasses periodic tests and inspections to preclude generation of turbine missiles as a result of material defects or turbine overspeed. Inspection and testing intervals are based on the Seabrook Station Updated Final Safety Analysis Report (Section 10.2), the Seabrook Station Unit 1 Safety Evaluation Report and the manufacturer's recommendations referenced in the program document.

As New Hampshire Yankee acquires more operating experience combined with industry experience and technological changes the maintenance program may be revised. Changes to the program will be reviewed and approved by the Station Manager and the Executive Director-Nuclear Production. A summary report of inspections performed in accordance with this program will be completed following each refueling outage and will be available for NRC review. The enclosed turbine maintenance program document completes NHY's commitment to submit its turbine maintenance program within three years of obtaining an operating license.

Should you have any questions regarding this letter please contact Mr. James M. Peschel, Regulatory Compliance Manager, at (603) 474-9521 extension 3572.

Very truly yours,



Ted C. Feigenbaum

Enclosure

TCF:ALL/ss

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New Hampshire Yankee
May 25, 1992

ENCLOSURE TO NYN-92066