

# New Hampshire Yankee

Ted C. Feigenbaum  
President and  
Chief Executive Officer

NYN-90199

November 15, 1990

Mr. Thomas T. Martin  
Regional Administrator  
United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Reference: Facility Operating License NPF-86, Docket No. 50-443

Subject: Facility Results for Requalification Examination 90-21

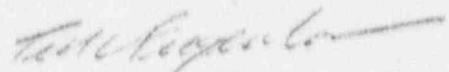
Dear Mr. Martin:

The facility results for Requalification Examination 90-21, which was conducted at Seabrook Station during the week of October 15 and October 22, 1990, are provided in the Enclosure. The examination was conducted in accordance with the Examiners Standard, NUREG 1021, Rev. 5. This information was requested by Lead Examiner, Paul Bissett of your staff.

In preparation for the next scheduled examination, New Hampshire Yankee will be adopting the provisions of NUREG 1021, Rev. 6 for all examination resources.

Should you have any questions concerning this evaluation, please contact Mr. Peter M. Richardson, Training Manager, at (603) 474-9521, extension 2605.

Very truly yours,

  
Ted C. Feigenbaum

Enclosure

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United States Nuclear Regulatory Commission  
Attention: Mr. Thomas T. Martin

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New Hampshire Yankee  
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ENCLOSURE TO NYN.90199

Results for Requalification Examination 90-21

The recent Nuclear Regulatory Commission (NRC) audited Licensed Operator Requalification Training (LORT) annual examination was the first such examination of operators at New Hampshire Yankee (NHY), using the new format of the Examiner Standard, NUREG 1021, Rev. 5. Over the period of October 15 through October 26, 1990, sixteen operators consisting of two operating crews and two staff crews were examined.

The Annual Requalification Examination consist of three parts: Job Performance Measures (JPMs), Simulator Demonstrative Examinations, and a Written Examination. The written examination is a two section examination consisting of Section A: Static Simulator and Section B: Limits and Controls. All sixteen operators completed all sections of the examination. The table below presents the results of each section of the examination.

	<u>Total Number of JPMs</u>	<u>Individual JPM Pass/Fail</u>	<u>JPM Section Failure</u>
Job Performance Measures	160	148 / 12	1
	<u>Individual Pass/Fail</u>	<u>Crew Pass/Fail</u>	
Simulator Demonstrative Examinations	16 / 0	4 / 0	
	<u>Pass/Fail</u>		
Written Examinations	16 / 0		

In comparing NHY results with the NRC results, the lead examiner found the program to be satisfactory. The individual failure in JPMs was successfully remediated by the LORT program at the New Hampshire Yankee Training Center. In accordance with station procedures the individual was immediately removed from licensed duties until the remediation program was completed.

The examination process highlighted areas of the LORT Program that although successful, need additional enhancement and improvement to conform with NUREG 1020, Rev. 6 and to meet current industry standards. These improvements are discussed in relation to the individual sections of the examination.

**Job Performance Measures (JPMs):** Questions relating to the JPMs will be reviewed to show conformance with current guidelines for question development, including accuracy and completeness of the answer. Additional training will be provided to students and evaluators to improve JPM performance. This additional training will demonstrate to the students preferred methods of doing a JPM and for the evaluators, the preferred means of evaluating a JPM to prevent inadvertent cuing. Using the methods of Alternative B for evaluating JPMs in Rev. 6 of ES-603 should make scheduling and performance much easier and less stressful.

**Simulator Demonstrative Examinations:** Individual Simulator Critical Tasks will be reviewed to ensure compliance with the Examiners Standard, NUREG 1021, ES-604, Rev. 6. The examination scenarios will be retested to ensure accuracy in terms of simulator operator direction and time line adherence. An evaluation will be conducted to determine, if in the future, the demonstrative examinations could be completed over a two day period. This will limit the length of examination days and cause less stress for the operators. Another area identified as needing improvement is communications between the crew members. This will be a key focus of the Operations department and Training Group for 1991.

**Written Examinations:** In addition to the NRC required review of examination questions throughout the coming year, the examination question bank will be reviewed to ensure all are accurate and elicit the correct response. Questions will be revised as necessary. This effort will improve the overall quality of the examination question bank in preparation for future examinations. To ensure consistency of data for simulator static examinations, methods of saving the simulator setup will be evaluated.

**Summary:** Overall response from the operators to the new examination process has been positive. New Hampshire Yankee will continue to strive for higher standards in the future. New Hampshire Yankee will be prepared to meet the NUREG 1021, Rev. 6 changes in future NRC audited requalification examinations. The completion of the above items, will allow New Hampshire Yankee to better prepare the operators for operating the plant and the examination process for future NRC audited or company administered annual examinations.