



## SEABROOK STATION UNIT 1

Facility Operating License NPF-86  
Docket No. 50-443

License Amendment Request No. 91-07  
Decoupling the Third Integrated Leak Rate Test  
From the 10-Year Inservice Inspection

This License Amendment Request is submitted by New Hampshire Yankee pursuant to 10 CFR50.90. The following information is enclosed in support of this License Amendment Request:

- Section I - Introduction and Description of Proposed Changes
- Section II - Markup of Proposed Changes
- Section III - Retype of Proposed Changes
- Section IV - Safety Evaluation of Proposed Changes
- Section V - Determination of Significant Hazards for Proposed Changes
- Section VI - Proposed Schedule for License Amendment Issuance and Effectiveness
- Section VII - Environmental Impact Assessment

Sworn and Subscribed

to before me this

23rd day of March, 1992

Tracy A. DeCredico  
Notary Public

Ted C. Feigenbaum  
Ted C. Feigenbaum  
President and Chief Executive Officer

TRACY A. DeCREDICO, Notary Public  
My Commission Expires October 2, 1995

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## I. Introduction and Description of Proposed Changes

### A. Introduction

Seabrook Station Technical Specification Surveillance Requirement 4.6.1.2 provides the schedule by which primary containment leak rates are to be demonstrated. Surveillance Requirement 4.6.1.2.a specifically requires that three Type A Integrated Containment Leak Rate Tests be conducted at  $40 \pm 10$  month intervals during shutdown during each 10-year service period. This Surveillance Requirement also states that the third Type A test of each set shall be conducted during the shutdown for the 10-year plant inservice inspection.

License Amendment Request 91-07 proposes to change Technical Specification Surveillance Requirement 4.6.1.2.a to maintain a Type A Integrated Containment Leak Rate testing schedule of  $40 \pm 10$  month intervals, but eliminate the requirement to perform three Type A tests in each 10-year service period. This amendment request also proposes to decouple each third Type A test in a 10-year service period from the 10-year plant inservice inspection shutdown. In accordance with the ASME Code [IWA-2400(b)], the 10-year plant inservice inspection period starts when commercial service begins. Seabrook Station's first and second Type A Integrated Containment Leak Rate Tests were conducted in March 1986 and November 1989, respectively. These tests were performed in anticipation of receipt of the zero power and full power operating licenses, respectively. Both of these tests were performed prior to commercial service, which occurred in August 1990. In order to maintain the  $40 \pm 10$  month interval requirements, Seabrook Station's third Type A Integrated Containment Leak Rate Test will be performed during the second refueling outage, which is scheduled to begin in September 1992. Due to the delay in receiving the full power operating license this third test will not coincide with the 10-year plant inservice inspection shutdown, which is scheduled for the 1999-2000 refueling outage. This will be inconsistent with the current Technical Specification surveillance requirement which does not distinguish between pre-operational and periodic Type A tests. The proposed license amendment will continue to ensure that the overall integrated containment leakage rate is maintained within Technical Specification limits, therefore, no adverse safety consequences are introduced. Similar license amendments have been granted by the NRC to the Southern California Edison Company, for San Onofre Nuclear Generating Station, Unit Numbers 2 and 3.

### B. Description of Proposed Changes

License Amendment Request 91-07 proposes to change Technical Specification Surveillance Requirement 4.6.1.2.a to maintain the existing Type A testing interval of  $40 \pm 10$  months but eliminate the requirement to perform three Type A tests in each 10-year service period. This change will also eliminate the requirement that each third Type A Integrated Containment Leak Rate Test in a 10-year service period be performed coincident with the 10-year plant inservice inspection shutdown. Surveillance Requirement 4.6.1.2.a currently states:

"Three Type A tests (Overall Integrated Containment Leakage Rate) shall be conducted at  $40 \pm 10$  month intervals during shutdown at a pressure not less than  $P_s$ , 49.6 psig, during each 10-year service period. The third test of each set shall be conducted during the shutdown for the 10-year plant inservice inspection."

License Amendment Request 91-07 proposes to delete the reference to "Three" Type A tests and "during each 10-year service period." The last sentence of this surveillance, which states that the third test of each set shall be conducted during the shutdown for the 10-year plant inservice inspection, will also be deleted. With the aforementioned changes, the revised Technical Specification Surveillance 4.6.1.2.a will ensure that Type A Integrated Containment Leak Rate Tests will be conducted at  $40 \pm 10$  month intervals during shutdown at a pressure not less than  $P_s$ , 49.6 psig. License Amendment Request 91-07 does not change any other containment testing or surveillance requirements.

## II. Markup of Proposed Changes

See attached markup of proposed changes to the Technical Specifications.