

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-91-57

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:  
Public Service Company of  
New Hampshire  
Seabrook Unit 1  
Docket No. 50-443  
Westinghouse 4-Loop

Licensee Emergency Classification:  
 Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

Subject: SHUTDOWN DUE TO PRIMARY SYSTEM LEAKAGE OF 5 GPM

At about 11:41 a.m. July 25, 1991 a normal reactor shutdown was begun due to an unidentified leak from the Reactor Coolant System (RCS). Technical Specification (TS) 3.4.6.2, "Reactor Coolant System Leakage," had been entered at 8:00 a.m. due to increasing containment activity readings and increased containment sump leakage. The leak rate was later calculated to be about 5 gpm. Entry into the containment identified a steam leak in the area of the upper root valves for pressurizer level indicators. The leak could not be confirmed as a packing leak and was classified as unidentified at about 11:40 a.m.

An Unusual Event was not declared since the shutdown was being conducted in accordance with the TS action statement. A one-hour non-emergency report was made to the NRC at approximately 11:58 a.m. The resident inspectors monitored the implementation of the RCS leak abnormal procedure and the reactor shutdown. The facility will immediately enter its first refueling outage, which was scheduled to begin on July 27.

The State of New Hampshire and the Commonwealth of Massachusetts were notified. The licensee made a press release.

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Region I Form 83  
(Rev. July 1991)

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