

November 13, 1998

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-I-98-051

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 Region I staff in King of Prussia, Pennsylvania on this date.

Facility

New Hampshire Yankee  
Seabrook 1  
Manchester, New Hampshire  
Dockets: 50-443

Licensee Emergency Classification

Notification of Unusual Event  
Alert  
Site Area Emergency  
General Emergency  
X Not Applicable

Subject: REACTOR SHUTDOWN IN EXCESS OF 72 HOURS

The licensee shut down Seabrook Station on November 12, 1998, after a visual inspection indicated damage to the main generator "A" phase output bus. The bus degradation was detected during a routine predictive maintenance activity, which identified elevated temperatures external to the bus ductwork. The damage occurred on the ductwork and the flexible connections to the input of the generator step-up (GSU) transformer. This transformer and bus also serve as one of the offsite power sources. The operators are in the process of placing the unit in the cold shutdown condition per the facility Technical Specification. The second offsite power supply and both emergency diesel generators are available. The licensee formed an event team to determine the probable cause for the damage and to supervise the bus repairs. A one-week outage is planned to troubleshoot and repair the bus ductwork.

The resident inspector observed portions of the plant shutdown and initial visual inspections of the bus ductwork.

The licensee did not issue a press release but did inform several members of the media.

The state of New Hampshire and the Commonwealth of Massachusetts have been notified.

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