

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-89-87

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:  
Northeast Nuclear Energy Co.  
Millstone Unit 1  
Docket No. 50-245  
Waterford, CT

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

Subject: PLANT TRIP CAUSES SHUTDOWN GREATER THAN 48 HOURS

About 3:15 p.m. on October 19, 1989, the plant tripped from 73% power. The licensee was placing the "B" feedwater regulating valve (FRV) in service when the "A" FRV failed fully open, causing the main turbine to trip automatically on high reactor vessel water level which subsequently caused the reactor to scram. An NRC inspector (in the control room at the time) monitored the licensee's response to the scram. Plant response was normal and all safety and other supporting plant systems functioned as required and the plant was stabilized in hot shutdown.

The "A" FRV was disassembled and a bolt, apparently from the feedwater pump discharge check valve, was found under the FRV seat. The licensee plans to inspect the discharge check valves of all three feedwater pumps. Plant restart is currently not planned until Sunday, October 22. The resident inspectors are reviewing the post trip actions, maintenance activities and licensee corrective actions.

The licensee notified the NRC at 3:40 p.m. on October 19 and notified the media on October 20. NRC Region I will response to press inquiries.

The State of Connecticut has been notified.

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                                      (Reactor Licensees)

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PDR I+E  
PNO I-89-087      JDC

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