

Power Reactor

Event Number: 50771

Facility: PILGRIM

Notification Date: 01/27/2015

Region: 1 State: MA

Notification Time: 16:56 [ET]

Unit: [1] [] []

Event Date: 01/27/2015

RX Type: [1] GE-3

Event Time: 09:48 [EST]

NRC Notified By: JOHN WHALLEY

Last Update Date: 01/27/2015

HQ OPS Officer: JOHN SHOEMAKER

Emergency Class: NON EMERGENCY

Person (Organization):

10 CFR Section:

CHRISTOPHER CAHILL (R1DO)

50.72(b)(3)(v)(D) - ACCIDENT MITIGATION

REGION I IRC (EMAI)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	N	0	Hot Shutdown	0	Hot Shutdown

Event Text

LOSS OF HIGH PRESSURE COOLANT INJECTION

"On Tuesday, January 27, 2015, at 0948 EST, with the Reactor Mode Select Switch (RMSS) in the Shutdown position and Pilgrim Nuclear Power Station (PNPS) at 0% core thermal power, the High Pressure Coolant Injection (HPCI) system was isolated by the main control room operating crew and declared INOPERABLE. HPCI had been in service for reactor pressure control following the automatic reactor scram experienced during winter storm 'Juno' reported in EN# 50769. It appears there was a malfunction of the HPCI turbine gland seal condenser blower or associated condensate pump. Reactor pressure control was transitioned to the safety relief valves and the reactor cooldown was continued. The plant is stable. The Emergency Diesel Generators are powering the safety related 4KV buses and reactor water level is being maintained by the Reactor Core Isolation Cooling (RCIC) system. HPCI is required to be OPERABLE in accordance with Technical Specification 3.5.C.1. Since HPCI is a single train system, the INOPERABILITY is reportable in accordance with 10CFR50.72(b)(3)(v)(D). The cause of the HPCI malfunction is not known at this time and troubleshooting continues.

"This event had no impact on the health and/or safety of the public.

"The USNRC Senior Resident Inspector has been notified."

Shutdown cooling is in service.