

Power Reactor

Event Number: 50790

Facility: PILGRIM

Notification Date: 02/05/2015

Region: 1 State: MA

Notification Time: 20:47 [ET]

Unit: [1] [ ] [ ]

Event Date: 02/05/2015

RX Type: [1] GE-3

Event Time: 13:00 [EST]

NRC Notified By: GRANT FLYNN

Last Update Date: 02/05/2015

HQ OPS Officer: DONALD NORWOOD

Emergency Class: NON EMERGENCY

Person (Organization):

10 CFR Section:

ANNE DeFRANCISCO (R1DO)

50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE

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

## Event Text

### LOSS OF SEA WATER INTAKE BAY LEVEL INSTRUMENTATION DUE TO LOSS OF INSTRUMENT AIR

"On January 27, 2015, during winter storm JUNO, there was a loss of instrument air at the Pilgrim Nuclear Power Station (PNPS). Follow-up evaluations of the plant events that occurred on that day revealed that the loss of instrument air resulted in a loss of water level indicators in the seawater intake bays. The affected instruments, LI-3831 A/B, are utilized in assessing conditions for entry into the Emergency Action Levels. PNPS Emergency Plan Implementing Procedure (EPIP) EP-IP-100.1 specified a compensatory action of 'visual inspection required' should these instruments be unavailable. However, there was not a clear linkage between the EPIP compensatory actions and the operations procedure for loss of instrument air. Neither the EPIP nor operations procedure identified the specific actions necessary to perform the local monitoring action. Based on the above, we have concluded that this event was reportable pursuant to 10CFR50.72(b)(3)(xiii), Any event that results in a major loss of emergency assessment capability.

"The review of the event revealed actual sea water levels in the intake bay did not meet plant specified EAL entry conditions at any time during the winter storm and therefore no plant equipment was impacted. The capability to assess intake bay water level locally in the intake bay was available.

"Subsequent to the winter storm event, the instrument air system and sea water bay level instrumentation were restored to service. Public health and safety were not adversely affected.

"The licensee has notified the NRC Senior Resident Inspector. The licensee will notify the Commonwealth of Massachusetts."