

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-82-70

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: Boston Edison Company
Pilgrim Nuclear Power Station
Plymouth, Massachusetts
(DN 50-293)

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

Subject: INCORRECT SAFETY VALVE SETTING

At 10:47 a.m. on 11/2/82 the licensee commenced a controlled shutdown from 98% power in accordance with Technical Specification 3.6.D.2 because of information which indicated that at least one of the two installed safety valves has a nonconservative lift setting.

The licensee plans to place the plant in the cold shutdown condition and perform in-place testing to verify the correct setting.

The licensee identified the problem following the recent overhaul of a spare valve. Onsite testing revealed lift pressure at approximately 1240 psig instead of 1150 psig with nitrogen. Further questioning of installed valves prompted a review of maintenance records. Test data sheets for the 'A' valve currently installed indicates a setting of 1240 psig using nitrogen.

Nameplate information on safety valve:

Manufacturer: Dresser Industries, Inc.
No. installed - 2
Type: 3777 QA-RT-21
Set Pressure: 1240 psig (steam)
Capacity: 644,500 lb/hr
Bore Diameter: 3.75 in.
Blowdown: 50 psig

Valve Setting Pressure

STM Hi 1240
Lo 1235
N2 Hi 1150
Lo 1125

NRC was informed at 11:10 a.m., November 2, 1982 via ENS call from control room to HQDO. The resident inspectors are closely following licensee actions concerning this event. The Commonwealth of Massachusetts has been informed.

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PDR I&E
PNO-I-82-070 PDR

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