

DCS No:  
Date: February 15, 1985

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-85-09

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  
DN 50-293  
Plymouth, MA

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

Subject: UNPLANNED REACTOR SHUTDOWNS

At 11:10 a.m. on February 9, 1985, a reactor shutdown was initiated to repair the "A" recirculation pump motor bearings and the "D" outboard main steam isolation valve (MSIV) which had experienced slow closure times. These repairs were completed and the reactor was restarted at 3:10 a.m. on February 15, 1985.

During the course of reactor startup on 2/15, licensee inspection detected a leak in the drywell in a two-inch reactor vessel bottom drain line. The leak was due to a through-wall defect in a weld on the down stream side of a manual block valve in the drain line. The drain line is part of the primary coolant boundary and is used to direct water from the bottom of the reactor vessel to the reactor water cleanup system during power operation. The block valve is normally open and is the only valve in the drain line between the leak and the reactor vessel.

The licensee initiated a second reactor shutdown at 10:54 a.m. on February 15, 1985. No repair time estimate has been made.

Region I inspection followup is continuing.

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Licensee: \_\_\_\_\_  
(Reactor Licensees)

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