

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-84-63

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: Public Service Electric  
and Gas Company  
Salem Nuclear Generating  
Station  
Unit 2  
(DN 50-311)

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

Subject: Reactor Trip With Engineered Safety Feature (ESF) Actuation

At 1:18 p.m. on July 25, 1984, with the reactor at 70% power, a low pressure reactor trip and high head safety injection occurred following the surveillance testing of power operated relief valves (PORV). An unusual event was declared at 1:20 p.m. The surveillance test had been completed apparently satisfactorily and the PORV blocking valve has been commanded open (the PORV indicated shut). Immediate indications of an open PORV, i.e., tail pipe high temperature, plus pressurizer back-up heaters energizing, low pressure indications, etc., were received. Power was reduced and the blocking valve was commanded shut; however, not before pressure had been reduced to the reactor trip and safety injection set points. The reactor is stable in hot standby. Safety injection was terminated manually to prevent the plant from going solid. The unusual event was terminated at 1:56 p.m.

The duration of the outage is unknown.

The States of New Jersey and Delaware have been notified.

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DISTRIBUTION:

H. St. \_\_\_\_\_ MNBB \_\_\_\_\_ Phillips 4:57 E/W \_\_\_\_\_ Willste \_\_\_\_\_ Mail: ADM:DMB  
Chairman Palladino EDO \_\_\_\_\_ NRR \_\_\_\_\_ IE \_\_\_\_\_ NMSS \_\_\_\_\_ DOT:Trans only  
Comm. Zech PA \_\_\_\_\_ OIA \_\_\_\_\_ RES \_\_\_\_\_  
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SECY \_\_\_\_\_ SP \_\_\_\_\_ NSAC----  
CA \_\_\_\_\_  
PDR \_\_\_\_\_ Regional Offices \_\_\_\_\_ TMI Resident Section 5:00  
RI Resident Office 5:03

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

IE34  
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