

BOSTON EDISON COMPANY  
PROMPT REPORTABLE OCCURRENCE  
TELECOPY MESSAGE

TO: (215) 337-5324  
Telephone Number

DATE/TIME: July 7, 1981 1400 hrs.

TO: Director, Region I  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

FROM: Pilgrim Nuclear Power Sta.  
RFD#1, Rocky Hill Road  
Plymouth, MA 02360

Docket Number 30-293  
License DPR-35

Assigned LER Number 81-026/01X-0

Reported per T.S. Section 6.9.B.1.1

Event Description: As a result of engineering analyses certain components of  
the SGTS were identified as having insufficient documentation. (See Attachment)

Cause and Corrective Action: Evaluation of systems with the application of  
10 CFR 50.44 criteria for purging, identified inadequacy in the ability to pro-  
duce verified documentation to conclusively demonstrate continued operability of  
components for the duration of the design basis loss of coolant accident.  
(See Attachment)

Facility Status:

c) Routine Startup X  
d) Routine Shutdown         
e) Steady State         
f) Load Changing       

10 X Thermal MW  
g) Shutdown         
h) Refueling         
i) Other         
j) Not Applicable       

A written followup report will be sent within two weeks.

NRC Person Notified ENS (Operations Center) Prepared by W.H. Deacon/M.T. McLoughlin

Mail (2) copies to:

Director  
Office of Management Information and Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

cc: Standard LER Distribution



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BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

Attachment to LER 81-026/01X-0

Description

As a result of engineering analyses conducted in the course of design verification of the operability of the Primary Containment Purge and Vent System, certain components of the SGTS were identified as having insufficient supporting documentation to conclusively demonstrate that they would properly and continuously operate for the entire duration of a design basis LOCA.

These components included the blower drive belts, temperature cutoff switch, bearing grease and blower motor electrical insulation. Documentation concerning the radiation qualification of these items was not considered adequate.

Cause & Corrective Action

Evaluation of systems with the application of 10 CFR 50.44 criteria for purging, identified inadequacy in the ability to produce verified documentation to conclusively demonstrate continued operability of components for the duration of the design basis loss of coolant accident.

Therefore, action was taken to acquire documentation to verify the qualification of each component, replace it with a component with adequate supporting documentation, or protect it from the source(s) of significant radiation exposure.