

DCS No: 50387840216
Date: ~~January~~ ^{Feb} 17, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-84-16

This preliminary notification constitutes EARLY notice of an event 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: Pennsylvania Power and Light Co.	Licensee Emergency Classification:
Salem Township, Pennsylvania	<input type="checkbox"/> Notification of Unusual Event
Susquehanna Unit 1 (50-387)	<input type="checkbox"/> Alert
	<input type="checkbox"/> Site Area Emergency
	<input type="checkbox"/> General Emergency
	<input checked="" type="checkbox"/> Not Applicable

Subject: EMERGENCY DIESEL GENERATOR FAILURE DURING TEST

At 3 AM, February 16, 1984, the "C" Emergency Diesel (Cooper-Bessemer) failed an 18-month surveillance test when the engine tripped due to turbocharger "thrust-bearing-trouble." This trip does not function during emergency operation and the licensee has not yet assessed its effect on engine operability during such operation. Initial checks found no problem; however, when the engine was restarted, the trip recurred. The turbocharger was disassembled and its thrust bearing was found to have at least a 15 mil (0.015 inch) clearance (11 mil limit). The thrust bearing has been replaced, and the turbocharger is being reassembled. The licensee is investigating the cause of the problem.

Only two of the four emergency diesel generators are required to support the existing plant shutdown condition. The resident inspector identified this item during a review of logs at about 8AM on February 16, 1984. The resident inspector observed portions of the maintenance and is following-up to determine the existence of a similar problem with the other three emergency diesels. The licensee plans to start-up Unit 1 on Monday, 2/20, after a 79-day tie-in outage with Unit 2. Unit 2's scheduled fuel load date is 3/10/84.

The Commonwealth of Pennsylvania has been notified. The licensee does not plan a press release. The NRC will respond to inquiries.

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Region I Form 83
(Rev. January, 1984)

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