

Date: May 30, 1995

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-95-27

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 III staff on this date.

Facility

Dresden Unit 3
Commonwealth Edison Co.
Morris, Illinois

Licensee Emergency Classification

General Emergency
Site Area Emergency
Alert
Unusual Event

Docket No. 50-249

X Not Applicable

Subject: PLANT SHUTDOWN DUE TO FAILED MAIN TURBINE BLADING

On May 28, 1995, Unit 3 reactor scrambled from full power due to a main turbine trip. The turbine tripped as a result of main turbine stop valve closure on high vibration. Initial indication of the event was a high vibration alarm (10 mil high vibration trip) followed immediately by a turbine and reactor trip.

Initial inspections of the main turbine identified one blade on the last stage of the "C" low pressure turbine was missing an 8 inch section and two additional blades were bent. There was no indication of increasing vibration prior to the event. Preliminary inspections of the other turbine sections have identified no visible problems, and no other damage to plant equipment was found.

In general, plant systems responded as expected to the trip, except that the "1A" main steam isolation valve apparently started to close during the transfer of electrical power from the main generator to an off-site source. Subsequently, the valve was manually closed with the control switch.

The unit is expected to be shutdown for three weeks. The licensee has started preparations to remove the "C" LP turbine for detailed inspections and repair. Unit 2 was unaffected by the event and is scheduled to commence a refueling outage this weekend.

NRC Region III (Chicago) resident inspectors are monitoring the licensee's activities.

The State of Illinois will be notified. The information in this preliminary notification has been reviewed with licensee management.

The licensee notified the NRC Operations Center of this event at 10:51 a.m. (CDT) on May 28, 1995. This information is current as of 10 a.m. (CDT) on May 30, 1995.

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