

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 staff on this date.

Facility: Amer. Elec. Power  
Indiana & Michigan Electric  
D.C. Cook Nuclear Plant, Unit 1  
Stevensville, MI 49127  
Docket No: 50-315

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

Subject: FAILED CRID PANEL: OUTAGE MORE THAN 48 HOURS

At 3:29 p.m., August 14, 1984, Unit 1 tripped from 100 per cent power due to a failure of a Control Room Instrument Distribution (CRID) Panel. The failure caused the Reactor Protection System to "see" a loss of flow in one coolant loop, which resulted in the reactor trip.

Only one train of the safety injection system initiated. The failed CRID blocked the signal to the other train. The licensee could not determine whether one control rod had fully inserted following the trip. A position indicator showed the rod had not fully inserted, but the rod bottom light showed that it had. The licensee decided to emergency borate the system. The rod was later confirmed to have been fully inserted.

All other systems functioned as designed. There was no release of radioactivity. The licensee plans to replace the failed CRID and perform appropriate tests to verify its operability. Region III will monitor the licensee's activities.

The State of Michigan will be notified.

Region III (Chicago) was notified of this event at 3:40 p.m. (CDT), August 14, 1984. This information is current as of 9 a.m., August 15, 1984.

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