

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: American Elec. Power
D.C. Cook Nuclear Plant
Stevensville, MI 49127

Docket Nos: 50-315; 50-316

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

Subject: FAILURE OF REACTOR TRIP BREAKER

At 12:57 p.m. (CST), October 29, 1985, while operating at 79 per cent power, Unit 2 tripped on a spurious low flow signal in the primary system. Unit 1 is currently in Mode 3 and will remain there until investigation of the breaker problem is complete.

Two of the unit's four steam generators did not get a feedwater isolation signal as expected. In addition, one of the two reactor trip breakers (Westinghouse DB 50 breaker without the shunt trip modification installed) did not open, as it should have. The second trip breaker did open, tripping the unit.

The unit will remain shutdown until the licensee investigates and Region III concurs with their findings as to the cause of the spurious signal, the failure of the isolation signals the two steam generators, and the failure of the one reactor trip breaker.

Region III (Chicago) has dispatched a special inspection team to the plant. The Resident Inspectors also are monitoring the situation.

The State of Michigan will be notified.

Region III was notified of this event at 1:43 p.m. (CST), October 29, 1985. This information is current as of 3:15 p.m. (CST), October 29, 1985.

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Region III
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