

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. <sup>12/31</sup>

Facility: Commonwealth Edison Company  
Quad Cities Unit 2  
Cordova, IL 61242

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

Docket No: 50-265

Subject: CONTROL ROD FAILS TO INSERT

At 6:41 a.m., (CDT), October 25, 1984, the unit scrambled from a high reactor pressure signal. At the time, the unit was critical, in hot shutdown, and the Main Steam Isolation Valves were closed because of repair work on the Electro Hydraulic Control System.

Prior to the scram, the position indication monitor on one control rod was lost, resulting in an intermittent block of all control rods which created a problem in manually controlling reactor pressure. As the pressure rose, the reactor automatically scrambled on the high reactor pressure signal. One control rod failed to automatically insert and went unnoticed for about 30 minutes. The rod had to be manually scrambled by the operators. A subsequent investigation determined that a manual isolation valve was closed on the scram discharge line for that drive mechanism. The licensee is currently attempting to determine why the valve was closed.

During the scram recovery, operators attempted to control the reactor level and pressure via the Reactor Core Isolation Cooling System. The RCIC turbine tripped, however, and had to be reset. It then functioned as designed.

The Senior Resident Inspector was in the plant at the time of the scram. A regional specialist is being dispatched to the site for additional information. Region III has been monitoring the licensee's activities and has coordinated the information regarding this event with NRR and IE.

Reactor startup is on hold pending the results of the licensee's and Region III's investigation of the incident. Region III also plans to issue a Confirmatory Action Letter confirming the licensee's corrective action plan.

The State of Illinois will be notified.

Region III was notified of this incident at 6:45 a.m., (CDT), October 25, 1984. This information is current as of 12:30 p.m., (CDT), October 25, 1984.

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