

DMB

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: Commonwealth Edison Company
Byron Unit 1
Byron, IL 61010

Docket No: 50-454

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

Subject: DIESEL GENERATOR REPAIR

At 8:15 a.m. (CST), February 17, 1986, Emergency Diesel Generator 2A failed during a 24-hour test run as a result of broken rocker arms on the number 7 left cylinder. This was the second failure of EDG 2A in five days.

On February 12, during a 24-hour preoperational test run, rocker arms on the number 5 left cylinder failed. The licensee repaired the arms and after a successful surveillance, restarted EDG 2A, only to have it fail on February 17.

Because of the rocker arm problem, the licensee has notified the EDG vendor, Cooper-Bessemer, which will send a representative to the site. In the meantime, Unit 1 will remain in cold shutdown. EDG 2A is required by technical specifications to be capable of operating as an emergency power supply for Unit 1's motor-driven auxiliary feedwater pump. (Byron Unit 2 is still under construction.)

Unit 1 will be shut down for a 16-day period while the licensee investigates the diesel generator problem, and completes work that had previously been scheduled for April.

Region III (Chicago) will monitor the licensee's course of action.

The State of Illinois will be notified.

Region III learned of EDG 2A's second failure at 8:46 a.m., February 17, 1986. This information is current as of 10 a.m., (CST), February 18, 1986.

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