

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 staff on this date.

Facility: Commonwealth Edison Co.
Byron Nuclear Plant, Unit 1
Byron, IL 61010

Docket: 50- 454

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

Subject: INITIAL CRITICALITY

The licensee began withdrawing rods for initial criticality at 5:42 p.m. (CST) on February 1, 1985. Initial criticality was achieved at 11:23 p.m. on February 2, 1985. Acceptable agreement was observed between actual conditions at criticality and predicted conditions. Testing at power levels not to exceed 5 per cent of full power is underway and is expected to be completed by February 14, 1985. The entire startup test program is scheduled to be completed by June 1985.

In preparation for initial criticality, Region III (Chicago) manned the site on a continuous basis beginning January 31, 1985. The resident inspector was in the Control Room at the time criticality was achieved.

The State of Illinois will be notified.

This information is current as of 8 a.m. (CST), February 4, 1985.

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PDR I&E
PNO-III-85-014 PDR

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