

PRELIMINARY NOTIFICATION- REGION III

October 31, 2007

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-07-012A

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

Byron Station Unit 1 and 2
Exelon Generation Company, LLC
Byron, Illinois
Docket: 50-454/50-455
License: NPF-37/NPF-66

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: UPDATE TO DUAL UNIT SHUTDOWN

DESCRIPTION:

This preliminary notification supplements information in PNO-III-07-012, which documented the shutdown of the Byron Station Unit 1 and Unit 2 reactors on October 19, 2007, due to a leak in an essential service water pipe.

During the shutdown, the utility investigated the cause of the leak and made necessary repairs in the essential service water system to support start-up. Additional repairs are in progress.

Byron Unit 1 and Unit 2 restarted on October 30, 2007. Full power is expected to be achieved on or about November 2, 2007.

The NRC had dispatched a Special Inspection team to the plant to review the root causes of the problem, extent of condition, and corrective actions. The team continues the review of the issues associated with the essential service water system. Prior to the reactor restart, the team verified the adequacy of the licensee's repairs to the essential service water system that had necessitated the shutdown.

This information is current as of 7:30 a.m. on October 31, 2007.

The information in this preliminary notification has been reviewed with licensee management.

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