

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-92-04 Date February 7, 1992

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: Quad Cities 1  
Cordova, Illinois

Licensee Emergency Classification  
General Emergency \_\_\_\_\_ Site Area Emergency \_\_\_\_\_  
Alert \_\_\_\_\_ Unusual Event \_\_\_\_\_ N/A X

Docket No. 50-254

Subject: AUGMENTED INSPECTION TEAM TO REVIEW EQUIPMENT FAILURES IN REACTOR SCRAM

At 2:01 a.m. (CST) on February 7, 1992, the Unit 1 reactor scrammed from 100 percent power after an erroneous main steam line high flow signal apparently caused the main steam isolation valves to close automatically. Unit 2 is shut down for refueling.

Initially following the reactor scram and main steam isolation, the control room operators used the B pressure relief valve to control reactor pressure. During the process, the C pressure relief valve failed to open manually when attempted. (There are five pressure relief valves which can be opened to direct steam to the pressure suppression pool.) The Reactor Core Isolation Cooling System was also initiated manually to control reactor pressure and level.

The operating feedwater pumps were shut off manually by control room operators as reactor vessel level approached 48 inches.

The resident inspectors were dispatched to the site to monitor the licensee response to the reactor scram and equipment failures.

An Augmented Inspection Team (AIT) is being dispatched to the site by Region III to review the equipment failures and their causes. The team includes two region-based inspectors, a resident inspector from another site, and two representatives from the Office of Nuclear Reactor Regulation.

The State of Illinois will be notified. Region III will issue a news announcement on the Augmented Inspection Team.

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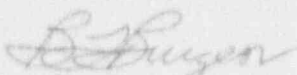
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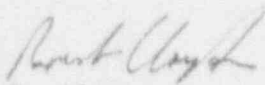
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The information in this preliminary notification has been reviewed with licensee management.

The licensee notified the NRC Operations Center of this event at 4:12 a.m. (CST) on February 7, 1992. This information is current as of 10 a.m. on February 7, 1992.



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