

August 2, 2001

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-01-025A**

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 2  
Exelon Nuclear Generating Co.  
Cordova IL  
Docket No. 50-265

**Licensee Emergency Classification**

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

SUBJECT: REACTOR SCRAM AFTER MAIN TRANSFORMER DAMAGED BY LIGHTNING  
(UPDATE)

DESCRIPTION:

At 8:20 a.m. CDT on August 2, 2001, a lightning strike damaged the Unit 2 main transformer, leading to an automatic reactor shutdown and loss of off-site power to the unit. All safety systems functioned normally, and the emergency diesel generators started to supply power to plant safety systems. There were no injuries and no release of radioactivity associated with this event.

The licensee declared an Unusual Event under its emergency plan at 8:23 a.m. and terminated the classification at 11:47 a.m. after power had been restored to the plant through the reserve auxiliary transformer.

Unit 1 was not affected by the lightning strike and continues in operation.

The Unit 2 reactor will be placed in cold shutdown. The licensee intends to replace the damaged main transformer with a spare transformer from another Exelon site.

The resident inspectors are continuing to monitor the licensee's response to the event. Region III (Chicago) staffed its Incident Response Center in monitoring mode until off-site power was restored to plant safety systems.

The States of Illinois and Iowa will be notified of this updated information. The information in this preliminary notification has been reviewed with licensee management.

The licensee issued a news release, and there has been local news media interest. Hot weather conditions in northern Illinois have caused high electrical demand, but Commonwealth Edison, the area utility, reports adequate reserves.

This information is current as of 1 p.m. on August 2, 2001.

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