

**PRELIMINARY NOTIFICATION - REGION III**

May 19, 2010

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-10-007

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  
Exelon Generation Co.  
Cordova, IL  
Docket Nos. 50-254; 50-265; 72-053  
License Nos. DPR-29; DPR-30

**Licensee Emergency Classification**

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

SUBJECT: UNUSUAL EVENT DECLARED AT QUAD CITIES DUE TO FREON LEAK IN THE ACCESS BUILDING

DESCRIPTION:

An Unusual Event was declared at the Quad Cities Nuclear Plant on May 19, 2010, at 13:30 p.m. due to a Freon leak in the plant's Access Facility.

The leak was coming from a valve associated with a refrigeration unit on the roof of the building and has been isolated.

All personnel were evacuated from the area. The problem was confined to the Access Facility, which is not connected to any other buildings.

This issue had no impact on plant operation. Both Quad Cities units remained at full power.

The plant's radiation protection personnel took air samples inside the building to make sure Freon readings were down to acceptable levels and to allow access through the Access Facility.

NRC resident inspectors monitored the event from the control room and were in communication with NRC Region III and Headquarters staff.

The State of Illinois has been informed.

The information presented herein has been discussed with the licensee and is current as of 4:00 p.m. (CDT) on May 19, 2010.

ADAMS Accession Number ML101390615.

CONTACT: Mark Ring  
630-829-9703

Brian Cushman  
309-654-2227