

April 23, 2013

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-13-001A

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 IV, Arlington, Texas, staff on this date.

**Facility**

South Texas Project Nuclear Operating  
Company  
South Texas Project Unit 2  
P.O. Box 289  
Wadsworth, TX 77483  
Docket: 50-499  
License No. NPF-80

**Licensee Emergency Classification**

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

**SUBJECT: UPDATE: SOUTH TEXAS PROJECT UNIT 2 REACTOR TRIP**

**DESCRIPTION:**

This preliminary notification supplements information in PNO-IV-13-001, issued to describe the event that occurred at South Texas Project, Unit 2 on January 8, 2013 (ADAMS ML13009A362). A fire in main transformer 2A, which was caused by an internal electrical fault, resulted in an automatic reactor trip. South Texas Project Unit 2 declared a Notice of Unusual Event (NOUE) due to the fire.

Update: On April 19, 2013, South Texas Project commenced restart of Unit 2. The event resulted in an extended outage to complete repairs to the turbine and replacement of the main transformer. The main turbine repairs were necessary due to a loss of proper lubrication to the turbine bearings during the plant's shut down, which required replacement of the bearings. In addition, there was some damage to the turbine blades which required repair.

The NRC resident inspectors monitored the licensee's actions during repair activities, corrective actions and performed a review of the root cause determination for the trip.

South Texas Project, Unit 1, remains at 100 percent power.

The State of Texas has been informed. This information presented herein has been discussed with the licensee and is current as of 2:00 p.m. (CDT) on April 23, 2013.

This preliminary notification is issued for information only.

ADAMS ACCESSION NUMBER: ML13114A084

CONTACTS: Matt Young  
(817) 200-1545  
[Matt.Young@nrc.gov](mailto:Matt.Young@nrc.gov)

Lara Uselding  
(817) 917-0321  
[Lara.Uselding@nrc.gov](mailto:Lara.Uselding@nrc.gov)