

February 10, 2009

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-09-001A**

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**

Entergy Operating, Inc.  
Arkansas Nuclear One - Unit 1  
Russellville, AR 72802  
Docket No. 50-313  
License No. DPR-51

**Licensee Emergency Classification**

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

**SUBJECT: UNIT 1 TRIP AND FIRE ASSOCIATED WITH MAIN GENERATOR**

**DESCRIPTION:**

This is an update to preliminary notification PNO-IV-RIV-09-001 issued February 9, 2009, a Notification of Unusual Event that was subsequently terminated.

On February 9, 2009, the licensee completed inspections of damaged areas of the plant from the fire that occurred on February 7. They confirmed the damage was limited to non-essential secondary plant equipment. The licensee ensured there were no operational concerns with the reactor plant and commenced restart of the unit. They plan to operate the reactor at low power, to assist in steam generator chemistry control, until the secondary plant is returned to service. Return of the secondary plant and synchronization to the electrical grid is scheduled for later this week.

The resident inspectors continue to monitor plant startup and repair activities.

The information presented herein has been discussed with the licensee and is current as of 1130 CST.

**ADAMS ACCESSION NUMBER:** ML090410719

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