UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

September 27, 2010

Brad Berryman, Acting Vice President, Operations
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802

SUBJECT: ARKANSAS NUCLEAR ONE - NRC SPECIAL INSPECTION REPORT 05000313/2010405 AND 05000368/2010405

Dear Mr. Berryman:

On September 1, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a Special Inspection at your Arkansas Nuclear One, Units 1 and 2. The enclosed report documents the inspection results, which were discussed in a telephonic exit, on September 1, 2010, with Mr. Dale James, Director, Nuclear Safety Assurance, and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

No findings were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's

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document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information - Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

Roy J. Caniano, Director
Division of Reactor Safety

Dockets: 50-313; 50-368
Licenses: DPR-51; NPF-6

Nonpublic Enclosure:
NRC Inspection Report 05000313/2010405
and 05000368/2010405 w/Attachment:
Supplemental Information (Attachment 1)
Special Inspection Team Charter (Attachment 2)
Chronology of Events (Attachment 3)

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9/10/2010	9/20/2010	9/20/10	9/20/10	9/27/10

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