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UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

November 5, 2010

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

SUBJECT: ARKANSAS NUCLEAR ONE – NRC SECURITY TEMPORARY
INSTRUCTION 2690/008 INSPECTION REPORT 07200013/2010404

Dear Mr. Berryman:

On October 21, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed an Independent Spent Fuel Storage Installation (ISFSI) security inspection at your Arkansas Nuclear One, Units 1 and 2. The inspection covered the NRC's Additional Security Measures (ASMs) for the Physical Protection of Dry Independent Spent Fuel Storage Installation. The enclosed inspection report documents the inspection results, which were discussed on October 21, 2010, with you 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 inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, 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.

"Enclosure transmitted herewith contains SUNSI. When separated from enclosure, this transmittal document is decontrolled."

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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 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/

Michael P. Shannon, Chief
Plant Support Branch-1
Division of Reactor Safety

Docket No.: 72-13
License No.: General

Nonpublic Enclosure:
NRC Inspection Report 07200013/2010404
w/Attachment: Supplemental Information

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Security Related Complete Report - OOU:

SUNSI Review Completed: JRL ADAMS: Yes Initials: JRL
 Non-Publicly Available Sensitive-Security- Related-Periodic Review Required

Letter Only:

SUNSI Review Completed: JRL ADAMS: Yes Initials: JRL
 Publicly Available Non-Sensitive

PSI:PSB1	PSI:PSB1	C:PSB1	C:DRP/PBE	C:RSFSB	C:PSB1
JRLarsen	ETByre	MPShannon	JClark	DBSpitzberg	MPShannon
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11/5/10	11/5/10	11/5/10	11/5/10	11/5/10	11/5/10

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