



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA, SUITE 400  
ARLINGTON, TEXAS 76011-4005

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February 13, 2003

Craig G. Anderson, Vice President,  
Operations  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, Arkansas 72801-0967

**SUBJECT: ARKANSAS NUCLEAR ONE NRC SAFEGUARDS INSPECTION OF  
COMPLIANCE WITH ORDER INSPECTION REPORT 50-313/03-06; 50-368/03-06**

Dear Mr. Anderson:

On January 10, 2003, the NRC completed an inspection at your Arkansas Nuclear One facility. The enclosed report documents the inspection findings which were discussed on January 10, 2003, with you and other members of your staff. Additionally, on February 5, 2003, the inspectors conducted a final exit meeting with yourself and other members of your staff.

This inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to security of your facility. The inspection utilized Temporary Instruction 2515/148, "Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures," to verify implementation of the Order as clarified in your responses dated March 15, May 9, and June 13, 2002. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of

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NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

**//RA//**

Troy W. Pruett, Chief  
Plant Support Branch  
Division of Reactor Safety

Dockets: 50-313  
50-368

Licenses: DPR-51  
NPF-6

Enclosure  
NRC Inspection Report  
50-313/03-06; 50-368/03-06

**cc without safeguards enclosure:**

Executive Vice President  
& Chief Operating Officer  
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Entergy Operations, Inc.

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**cc with safeguards enclosure:**

Vonna Ordaz (NSIR/DNS/RSS) (MS T4D8)  
 Juan Peralta (NSIR/DNS/SOS) (MS T4D8)  
 Elaine McNeil (NSIR/DNS/RSS) (MS T4D8)  
 RIV Docket File - File Room Custodian  
 Security Inspector (Pick)  
 Senior Resident Inspector (RLB3)

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 RITS Coordinator (**NBH**)  
 Scott Morris (**SAM1**)  
 Site Secretary (**VLH**)  
 Dale Thatcher (**DFT**)  
 W. A. Maier, RSLO (**WAM**)

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**ENCLOSURE**

**U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV**

Dockets: 50-313  
50-368

Licenses: DPR-51  
NPF-6

Report Nos.: 50-313/03-06  
50-368/03-06

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One, Units 1 and 2

Location: Junction of Hwy. 64W and Hwy. 333 South  
Russellville, Arkansas

Dates: January 6 - 10, 2003

Inspectors: L. E. Ellershaw, Senior Reactor Inspector  
Paul J. Elkmann, Emergency Preparedness Inspector  
Thomas L. Klug, Physical Security Inspector

Approved By: Troy W. Pruett, Chief, Plant Support Branch

Attachment: Supplemental Information

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**SUMMARY OF FINDINGS**  
Arkansas Nuclear One, Units 1 and 2  
NRC Inspection Report 50-313/03-06; 50-368/03-06

IR 05000313-03-06; 05000368-03-06, Entergy Operations, Inc.; 01/06-10/03; Arkansas Nuclear One, Units 1 and 2; TI 2515/148, Verification of Compliance With Interim Compensatory Measures Order.

The inspection was conducted by one senior reactor inspector, one emergency preparedness inspector, and one physical security inspector.

**Cornerstone: Physical Security**

- On February 25, 2002, the NRC imposed by Order, Interim Compensatory Measures to enhance physical security. The inspectors determined that, overall, the licensee appropriately incorporated the Interim Compensatory Measures into the site protective strategy and access authorization program; developed and implemented relevant procedures; ensured that the emergency plan could be implemented; and established and effectively coordinated interface agreements with offsite organizations.
- The inspectors identified an unresolved item related to duties of the officer at the vehicle checkpoint required by Item B.2.(a).2 of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section III.B).
- The inspectors identified an unresolved item related to availability of supplementary equipment as required by Item B.4.f of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section V.F)
- The inspectors identified an unresolved item related to evaluation of the effects of a large area fire as required by Item B.5.b of the Order. This item remains open pending review by the Officer of Nuclear Security and Incident Response (Section VI.B)
- The inspectors identified an unresolved item related to evaluation of hazardous cargo required by Item B.5.c of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section VI.C)

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