

## SAFEGUARDS INFORMATION

November 22, 2004

Mr. Jeffrey S. Forbes  
Vice President Operations ANO  
Entergy Operations, Inc.  
1448 S. R. 333  
Russellville, AR 72802

SUBJECT: ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 - CORRECTION TO FACILITY  
OPERATING LICENSES AND SAFETY EVALUATION REGARDING  
REVISIONS TO PHYSICAL SECURITY PLAN, TRAINING AND  
QUALIFICATION PLAN, AND SAFEGUARDS CONTINGENCY PLAN  
(TAC NOS. MC2886 AND MC2887)

Dear Mr. Forbes:

By letter dated October 28, 2004, the Nuclear Regulatory Commission (NRC) issued an administrative change to Renewed Facility Operating License (FOL) (DPR-51) for Arkansas Nuclear One, Unit 1, and FOL (NPF-6) for Arkansas Nuclear One, Unit 2, to incorporate the reference to the recently-revised physical security plan, training and qualification plan, and safeguards contingency plan. Your staff identified errors in the revised license pages and in the Safety Evaluation provided in the October 28, 2004, letter.

Therefore, the NRC is issuing corrected pages to the FOLs and to page 14 of the Safety Evaluation, which contains Safeguards Information. The revised license and safety evaluation pages for Arkansas Nuclear One, Units 1 and 2, are enclosed. We regret any inconvenience this may have caused.

Sincerely,

/RA/

John A. Nakoski, Chief  
Security Plan Review Team  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-313 and 50-368

Enclosures: 1. Administrative change to Renewed FOL DPR-51 and FOL NPF-6  
2. Revised page 14 of Safety Evaluation

cc w/encl 1 only: See next page

cc w/encls 1 and 2: Mr. Michael R. Higgins, Superintendent of Plant Security

**NOTICE:** Enclosure 2 to this letter contains Safeguards Information. Upon separation from Enclosure 2, this letter and Enclosure 1 are DECONTROLLED.

## SAFEGUARDS INFORMATION

Arkansas Nuclear One

cc w/o encl.:

Senior Vice President  
& Chief Operating Officer  
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Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
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County Judge of Pope County  
Pope County Courthouse  
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Entergy Operations, Inc.  
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Jackson, MS 39205

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## SAFEGUARDS INFORMATION

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DATE	11/16/04	11/15/04	11/22/04	11/22/04	11/18/04	11/22/04

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CHANGES TO RENEWED FACILITY OPERATING LICENSE NO. DPR-51

DOCKET NO. 50-313

Replace the following pages of the Renewed Facility Operating License DPR-51 with the attached revised pages as indicated. The revised pages are identified by revision date and contain marginal lines indicating the area of change.

Remove Page

3

4

Insert Page

3

4

- (4) EOI, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
  - (5) EOI, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components;
  - (6) EOI, pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.
- c. This renewed license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:
- (1) Maximum Power Level

EOI is authorized to operate the facility at steady state reactor core power levels not in excess of 2568 megawatts thermal.
  - (2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 222, are hereby incorporated in the renewed license. EOI shall operate the facility in accordance with the Technical Specifications.
  - (3) Safety Analysis Report

The licensee's SAR supplement submitted pursuant to 10 CFR 54.21(d), as revised on March 14, 2001, describes certain future inspection activities to be completed before the period of extended operation. The licensee shall complete these activities no later than May 20, 2014.
  - (4) Physical Protection

EOI shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification,

and safeguards contingency plans, including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is entitled: "Arkansas Nuclear One Physical Security, Safeguards Contingency and Training & Qualification Plan," as submitted on October 4, 2004.

(5) Implementation of the Improved Technical Specifications (ITS)

The licensee is authorized to relocate certain Technical Specification requirements previously included in Appendix A to licensee controlled documents, as described in Table R, Relocated Specifications, and Table LA, Removal of Details, attached to the Safety Evaluation for Amendment No. 215. These requirements shall be relocated to the appropriate documents as part of the implementation of the ITS.

The schedule for performing Surveillance Requirements (SRs) that are new or revised in Amendment No. 215 shall be as follows:

1. For SRs that are new in this amendment, the first performance shall be due at the end of the first surveillance interval, which begins on the date of implementation of this amendment.
2. For SRs that existed prior to this amendment whose intervals of performance are being reduced, the first reduced surveillance interval shall begin upon completion of the first surveillance performed after implementation of this amendment.
3. For SRs that existed prior to this amendment that contained modified acceptance criteria, the performance shall be due at the end of the first surveillance interval that began on the date the surveillance was last performed prior to the implementation of this amendment.
4. For SRs that existed prior to this amendment whose interval of performance are being extended, the first extended surveillance interval shall begin upon completion of the last surveillance performed prior to the implementation of this amendment.

(6) Deleted

(7) Deleted

Renewed License No. DPR-51  
Amendment No. 215

~~Revised by letter dated October 28, 2004~~  
Revised by letter dated November , 2004

CHANGES TO FACILITY OPERATING LICENSE NO. NPF-6

DOCKET NO. 50-368

Replace the following page of the Facility Operating License NPF-6 with the attached revised page as indicated. The revised page is identified by revision date and contains marginal lines indicating the area of change.

Remove Page

8

Insert Page

8

- 2.C.(4) (Number has never been used.)
- 2.C.(5) Deleted per Amendment 255, 9/28/04.
- 2.C.(6) Deleted per Amendment 255, 9/28/04.
- 2.C.(7) Deleted per Amendment 78, 7/22/86.

(8) Antitrust Conditions

EOI shall not market or broker power or energy from Arkansas Nuclear One, Unit 2. Entergy Arkansas, Inc. is responsible and accountable for the actions of its agents to the extent said agent's actions affect the marketing or brokering of power or energy from ANO, Unit 2.

(9) Rod Average Fuel Burnup

Entergy Operations is authorized to operate the facility with an individual rod average fuel burnup (burnup averaged over the length of a fuel rod) not to exceed 60 megawatt-days/kilogram of uranium.

D. Physical Protection

EOI shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans, including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is entitled: "Arkansas Nuclear One Physical Security, Safeguards Contingency and Training & Qualification Plan," as submitted on October 4, 2004.