

June 22, 2005

Mr. Jeffrey S. Forbes  
Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 S. R. 333  
Russellville, AR 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 2 - ISSUANCE OF AMENDMENTS  
RE: DELETION OF INDEX PAGES FROM THE TECHNICAL  
SPECIFICATIONS (TAC NO. MC3246)

Dear Mr. Forbes:

The Commission has issued the enclosed Amendment No. 260 to Facility Operating License No. NPF-6 for Arkansas Nuclear One, Unit 2. The amendment deletes the Index pages from the Technical Specifications (TSs).

The Commission issued Amendment No. 257 for ANO-2 on March 23, 2005. The amendment consisted of changes to the TSs in response to your application dated May 12, 2004, as completely superseded by application dated July 8, 2004, and supplemented by letters dated October 14, 2004, and January 19, March 7, and April 7, 2005. The amendment modified the analytical methods referenced in TS 6.6.5, incorporated the methodologies that will support the use of ZIRLO fuel cladding and zirconium diboride burnable absorber coating on uranium dioxide fuel pellets, and implemented TS Task Force Change Traveler No. 363 to revise the way analytical methods are listed in TS 6.6.5 by identifying the topical report numbers and titles only, and relocating specific details to the core operating limits report.

However, because of the time-critical requirement of these changes to support the restart of the plant after the recent refueling outage, the portion of the application requesting to delete the TS Index was not reviewed and, therefore, not included in Amendment No. 257. The NRC staff, with concurrence from your staff, completed a separate review of this request.

- 2 -

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

**/RA by NKalyanam for/**  
Drew G. Holland, Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosures: 1. Amendment No. 260 to NPF-6  
2. Safety Evaluation

cc w/encls: See next page

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

**/RA by NKalyanam for/**  
Drew G. Holland, Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosures: 1. Amendment No. to NPF-6  
2. Safety Evaluation

cc w/encls: See next page

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PDIV-1 Reading

RidsNrrDlpmLpdiv (HBerkow)

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RidsNrrPMDHolland

RidsNrrLADBaxley

RidsOgcRp

RidsAcrcAcnwMailCenter

GHill (2)

RidsNrrDipmlrob (TBoyce)

GArmstrong

RidsRgn4MailCenter (DGraves)

RidsNrrDlpmDpr

**Accession No.: ML051740191 NRR-058** \* minor editorial changes from staff provided **SE**

OFFICE	PDIV-1/PM	PDIV-1/PM	PDIV-1/LA	DIPM/IROB	OGC	PDIV-1/SC
NAME	NKalyanam	DHolland	DBaxley	TBoyce*	DReddick	DTerao
DATE	6 -13-05	6 -13 -05	6 -13 -05	04-18-05	6 -21-05	6-22-05

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ENTERGY OPERATIONS, INC.

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.260  
License No. NPF-6

1. The Nuclear Regulatory Commission (Commission) has found that:
  - A. The application for amendment by Entergy Operations, Inc. (the licensee) dated May 12, 2004, as completely superseded by application dated July 8, 2004, and supplemented by letters dated October 14, 2004, and January 19, March 7, and April 7, 2005, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-6 is hereby amended to read as follows:

- (2) Technical Specifications

- The Technical Specifications contained in Appendix A, as revised through Amendment No. 260, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of its date of issuance and shall be implemented within 60 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

David Terao, Chief, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of Issuance: June 22, 2005

ATTACHMENT TO LICENSE AMENDMENT NO. 260

FACILITY OPERATING LICENSE NO. NPF-6

DOCKET NO. 50-368

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

<u>Remove</u>	<u>Insert</u>
I	---
II	---
III	---
IV	---
V	---
VI	---
VII	---
VIII	---
IX	---
X	---
XI	---
XII	---
XII	---
XIV	---
XV	---
XVI	---
XVII	---

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 260

TO FACILITY OPERATING LICENSE NO. NPF-6

ENTERGY OPERATIONS, INC.

ARKANSAS NUCLEAR ONE, UNIT 2

DOCKET NO. 50-368

1.0 INTRODUCTION

By application to the Nuclear Regulatory Commission (Commission or NRC) dated May 12, 2004, (Agencywide Documents and Access Management System (ADAMS) Accession No. ML041410523), as completely superseded by application dated July 8, 2004 (ADAMS Accession No. ML041960419), and supplemented by letters dated October 14, 2004 (ADAMS Accession No. ML043010595), and January 19 (ADAMS Accession No. ML050240333), March 7 (ADAMS Accession No. ML050740442), and April 7, 2005 (ADAMS Accession No. ML051080537), Entergy Operations, Inc. (licensee), requested changes to the Technical Specifications (TSs) for Arkansas Nuclear One, Unit No. 2 (ANO-2). The supplements dated July 8 and October 14, 2004, and January 19, March 7, and April 7, 2005, provided additional information that clarified the application, did not expand the scope of the application as originally noticed, and did not change the NRC staff's original proposed no significant hazards consideration determination as published in the *Federal Register* on August 31, 2004 (69 FR 53106).

The proposed change would delete the TS Index from future license amendments that include TS changes.

The proposed change was an additional request included in the license amendment that involved proposed changes to TS 5.6.5 and TS 6.9.5 (Reference 1) to support the Cycle 18 Core Reload, which has been issued by the staff as Amendment No. 257. The deletion of the TS Index required a separate review from those TSs changes since the nature of this change is administrative. However, the regulatory basis and justification for the change was not identified in the original license amendment submittal and the staff requested clarifying information from the licensee during a telephone conference call on March 3, 2005. The licensee responded to the staff's comments with a letter including supplemental information to the initial request dated March 7, 2005 (Reference 2). The supplemental information clarified the deletion of the TS Index as the deletion of the TS Index pages from future license amendments that include TS changes. The licensee committed to continue to maintain and control the TS Index through a document control program similar to the staff-approved TS Bases Control program used by the licensee.

Although the staff initially agreed that the request was administrative and did not require a technical analysis, the staff had concerns regarding how the subsequent changes by the licensee to the TS Index would remain consistent in the TS copies that are used by associated parties, including the NRC. The licensee agreed during a telephone conference call on March 24, 2005, to provide a description of the current document control process that would incorporate the TS Index revisions as part of this process, and did so by letter dated April 7, 2005 (Reference 3). The staff compiled the supplemental information from the licensee and evaluated the request under the current regulatory requirements for TS contents.

## 2.0 REGULATORY EVALUATION

Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.36(a) states:

Each applicant for a license authorizing operation of a production or utilization facility shall include in his application proposed technical specifications in accordance with the requirements of this section. A summary statement of the bases or reasons for such specifications, other than those covering administrative controls, shall also be included in the application, but shall not become part of the technical specifications.

The TS Index is not formally listed as being part of the TS. However, past submittals by the licensee have included the TS Index pages to supplement the TS changes. The staff agrees that the TS Index is similar to the TS Bases in that they provide information about the TS, but need not be considered part of the TS. Also, the staff reviewed the remainder of 10 CFR 50.36 for any potential safety impacts due to the removal of the TS Index from all subsequent license amendment submittals and found no adverse safety issues with the removal of the TS Index.

The licensee stated that the TS Index will be maintained and revised in a similar manner as the TS Bases under the Administrative Controls section of the TSs. The licensee's current distribution process requires that each time the licensee receives an approved change to the TSs (including a change to an index page) from the NRC or makes a change to the TS Bases under the TS Bases Control program, a transmittal form with the accompanying changes is sent to all controlled copy holders, which includes offsite organizations that maintain controlled copies of the TSs (Reference 3). The staff agrees that the licensee's distribution process is sufficient to keep all stakeholders informed of any changes to the TS Index. Since the TS Index does not include any technical information that is required by 10 CFR 50.36(a) to be reviewed by the staff, the proposed change is found to be acceptable.

## 3.0 TECHNICAL EVALUATION

The staff reviewed the licensee's amendment request to delete the TS Index. The TS Index references where the specific TSs sections can be found throughout the TSs, but does not contain any technical information that is required by 10 CFR 50.36. This is an administrative change, and therefore, no technical evaluation is required for this license amendment request.

#### 4.0 SUMMARY

Based on the regulatory evaluation discussed in Section 2.0 and supplemental information provided by the licensee, the staff finds that: (1) the TS Index is not required by 10 CFR 50.36 to be part of the TS and does not include any technical information about the TSs; and (2) the licensee's current distribution process is sufficient in providing any changes to the TS Index to the controlled copy holders of the licensee's TSs. Therefore, the staff concludes that deleting the TS Index is acceptable.

#### 5.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Arkansas State official was notified of the proposed issuance of the amendment. The State official had no comments.

#### 6.0 ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (69 FR 53106, dated August 31, 2004). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

#### 7.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

#### 8.0 REFERENCES

1. Arkansas Nuclear One Unit 2 letter to the US Nuclear Regulatory Commission, Document Control Desk, "License Amendment Request to Support Cycle 18 Core Reload," May 12, 2004.
2. Arkansas Nuclear One Unit 2 letter to the US Nuclear Regulatory Commission, Document Control Desk, "Supplement to Amendment Request For License Amendment Request to Support Cycle 18 Core Reload," March 7, 2005.
3. Arkansas Nuclear One Unit 2 letter to the US Nuclear Regulatory Commission, Document Control Desk, "Supplement to Amendment Request For License Amendment Request to Support Cycle 18 Core Reload," April 7, 2005.

Principal Contributor: G. Armstrong

Date: June 22, 2005

Arkansas Nuclear One

cc:

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May 2005