

September 24, 2001

Mr. Craig G. Anderson
Vice President, Operations ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT NO. 2 - ISSUANCE OF AMENDMENT RE:
TECHNICAL SPECIFICATION 4.0.5 TRANSFER AND MODIFICATION
(TAC NO. MB2551)

Dear Mr. Anderson:

The Commission has issued the enclosed Amendment No. 233 to Facility Operating License No. NPF-6 for Arkansas Nuclear One, Unit No. 2 (ANO-2). This amendment consists of changes to the Technical Specifications (TSS) in response to your application dated July 31, 2001.

The amendment revises and transfers the inservice testing portion of TS 4.0.5 to TS 6.5.8, and eliminates the inservice inspection portion of TS 4.0.5. In addition, other sections of the TSS that reference TS 4.0.5 are revised to be consistent with the revisions discussed above.

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/

Thomas W. Alexion, 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. 233 to NPF-6
2. Safety Evaluation

cc w/encls: See next page

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Division of Licensing Project Management
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DISTRIBUTION

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- 1. Amendment No. 233 to NPF-6
- 2. Safety Evaluation

PUBLIC RidsNrrPMTAlexion
 PDIV-1 RF RidsNrrLADJohnson
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 RidsNrrDlpmPdiv (SRichards) RidsRgn4MailCenter (KBrockman)
 RidsOgcRp L.Hurley,RIV
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 G.Hill(2)
 RidsNrrDlpmPdivLpdiv1 (RGramm)

cc w/encls: See next page

* See previous concurrence (also, EJS is E. Sullivan, and JAD is J. Davis for T. Chan)

Accession No.: ML01

OFFICE	PDIV-1/PM	PDIV-1/LA	RTSB*	EMEB*	EMCB*	OGC	PDIV-1/SC
NAME	TAlexion	DJohnson	WBeckner	DTerao	EJS&JAD	RHoefling	RGramm
DATE	09/19/01	09/19/01	08/28/01	09/06/01	09/05/01	09/17/01	09/20/01

OFFICIAL RECORD COPY

ENERGY OPERATIONS, INC.

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 233
License No. NPF-6

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Entergy Operations, Inc. (the licensee), dated July 31, 2001, 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. 233, 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/

Robert A. Gramm, 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: September 24, 2001

ATTACHMENT TO LICENSE AMENDMENT NO. 233

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>
3/4 0-2	3/4 0-2
3/4 0-3	---
3/4 4-2a	3/4 4-2a
3/4 4-3	3/4 4-3
3/4 4-4	3/4 4-4
3/4 4-6	3/4 4-6
3/4 4-26	3/4 4-26
3/4 4-29	3/4 4-29
3/4 5-5	3/4 5-5
3/4 6-10	3/4 6-10
3/4 6-17	3/4 6-17
3/4 7-1	3/4 7-1
3/4 7-5	3/4 7-5
3/4 7-10	3/4 7-10
3/4 7-22	3/4 7-22
3/4 9-9a	3/4 9-9a
6-5	6-5
B 3/4 0-2	B 3/4 0-2
B 3/4 0-4	B 3/4 0-4

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 233 TO

FACILITY OPERATING LICENSE NO. NPF-6

ENTERGY OPERATIONS, INC.

ARKANSAS NUCLEAR ONE, UNIT NO. 2

DOCKET NO. 50-368

1.0 INTRODUCTION

By letter dated July 31, 2001, Entergy Operations, Inc. (the licensee), submitted a request for changes to the Arkansas Nuclear One, Unit No. 2 (ANO-2), Technical Specifications (TSs). The requested changes would revise and transfer the inservice testing (IST) portion of TS 4.0.5 to TS 6.5.8, and eliminate the inservice inspection (ISI) portion of TS 4.0.5. In addition, other sections of the TSs that reference TS 4.0.5 are revised to be consistent with the revisions discussed above.

2.0 BACKGROUND

The proposed changes would affect the general IST and ISI surveillance requirements in TS 4.0.5 as discussed above. The licensee is requesting these changes to be consistent with NUREG-1432, "Standard Technical Specifications, Combustion Engineering Plants." Since NUREG-1432 addresses only the IST program, while the ANO-2 TSs address both the IST and ISI programs, the proposed changes would eliminate the ISI portion of TS 4.0.5. The IST program would be transferred to TS 6.5.8 in the administrative controls section of the TSs, and other TS sections that reference TS 4.0.5 would be revised to be consistent with the above. In addition, a place keeper for TSs 6.5.1 through 6.5.7 is being added now for future changes to the administrative controls section of the TSs.

3.0 EVALUATION

3.1 Deletion of TSs 4.0.5.a.1 and 4.0.5.a.2, and deletion of the references to ISI activities in TSs 4.0.5.b, 4.0.5.c and 4.0.5.e

TS 4.0.5.a.1, regarding performance of IST in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (the Code), is no longer applicable because it only applies from issuance of the Facility Operating License to the start of the facility commercial operation. TS 4.0.5.a.2, regarding performance of ISI and IST in accordance with the Code following the start of facility commercial operation, is redundant to

10 CFR 50.55a, "Codes and standards." Deletion of references to the ISI activities in TSs 4.0.5.b and 4.0.5.c, regarding surveillance interval terminology (i.e., weekly, monthly) and the applicability of TS 4.0.2 (which allows for a 25% extension on the surveillance interval), is appropriate because the ISI activities required by 10 CFR 50.55a have surveillance intervals that are different from those in the TSs. Deletion of TS 4.0.5.e, regarding the fact that nothing in the Code supersedes the requirements of any TS, as it relates to the ISI program, is acceptable because it will not eliminate any of the TS surveillance requirements or ISI activities. Therefore, for the reasons discussed above, these changes are acceptable.

3.2 Transfer of IST activities in TSs 4.0.5.b and 4.0.5.c

The IST activities in TSs 4.0.5.b and 4.0.5.c, regarding surveillance interval terminology and the applicability of TS 4.0.2, have been moved to TSs 6.5.8.a and 6.5.8.b, respectively. In addition, some minor wording changes have been made to TS 6.5.8.a, and a couple of additional interval terminologies (i.e., Every 6 weeks, Every 9 months) have been added to the list in TS 6.5.8.a. These changes are acceptable because they are administrative in nature.

3.3 Deletion of TS 4.0.5.d

Deletion of TS 4.0.5.d, "Performance of the above inservice inspection and testing activities shall be in addition to other specified Surveillance Requirements." is acceptable because deletion of this paragraph will not eliminate any of the TS surveillance requirements or ISI and IST activities.

3.4 Transfer of IST activities in TS 4.0.5.e

The statement in TS 4.0.5.e, which states that nothing in the Code supersedes the requirements of any TS, has been moved to TS 6.5.8.d. This change is acceptable because it is administrative in nature.

3.5 Addition of TS 6.5.8.c

The addition of the statement in TS 6.5.8.c, which states that the provisions of TS 4.0.3 (which addresses failure to perform a surveillance requirement within the allowed surveillance interval) are applicable to IST activities, is acceptable because the surveillance intervals required by the Code for IST activities are similar to those in the TSs.

3.6 Changing the references in TSs 4.4.1.3.1, 4.4.2, 4.4.3, 4.4.12.4, 4.5.2.f, 4.6.2.1.b, 4.6.3.1.3, 4.7.1.1, 4.7.1.2.b, 4.7.1.5, and 4.9.8.2, from TS 4.0.5 to the IST program

This group of changes involve changing the surveillance requirement (or the applicable portion of the surveillance requirement) for selected TSs, from TS 4.0.5 to the IST program. The affected TSs are TS 4.4.1.3.1 on shutdown cooling loops in Modes 4 and 5; TS 4.4.2 on pressurizer code safety valves in Mode 4; TS 4.4.3 on pressurizer code safety valves in Modes 1, 2 and 3; TS 4.4.12.4 on low-temperature-overpressure-protection relief valves; TS 4.5.2.f on high-pressure and low-pressure safety injection pumps; TS 4.6.2.1.b on containment spray pumps; TS 4.6.3.1.3 on containment isolation valves; TS 4.7.1.1 on main steam safety valves; TS 4.7.1.2.b on emergency feedwater pumps; TS 4.7.1.5 on main steam

isolation valves; and TS 4.9.8.2 on shutdown cooling loops in Mode 6. These changes are acceptable because these TSs primarily involve IST activities that will continue to be performed in accordance with the TSs and the Code, and because they are consistent with transferring the IST program discussion in TS 4.0.5 to TS 6.5.8, as discussed above.

3.7 Deletion of the references to TS 4.0.5 in TSs 4.4.5.0, 4.4.10.1, and 4.7.8

This group of changes involve deleting the references to TS 4.0.5 in TS 4.4.5.0 on steam generator (SG) inspections, TS 4.4.10.1 on reactor coolant pump (RCP) flywheel inspections, and TS 4.7.8 on shock suppressor (snubber) inspections. These changes are acceptable because the SGs, RCP flywheels, and snubbers will continue to be inspected as required by the TSs and the Code, and because they are consistent with the deletion of the discussion of ISI activities in TS 4.0.5, as discussed above.

3.8 Addition of a place keeper for TSs 6.5.1 through 6.5.7

The licensee desires to add a place keeper for TSs 6.5.1 through 6.5.7 now, for future changes to the administrative controls section of the TSs. The proposed statement is, "6.5.1 through 6.5.7 will be used later." This change is acceptable because it is administrative in nature.

3.9 Bases changes

The licensee is proposing to delete TS Bases 4.0.5. The staff finds that this change is acceptable since it is consistent with the changes to the TSs discussed above.

3.10 Evaluation Summary

Based on the above evaluation, the staff finds that the licensee's proposed changes to revise and transfer the IST portion of TS 4.0.5 to TS 6.5.8, to eliminate the ISI portion of TS 4.0.5, and to revise other sections of the TSs that reference TS 4.0.5 for consistency, are acceptable.

4.0 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.

5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes surveillance requirements. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. 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 (66 FR 44167, dated August 22, 2001). This amendment also changes recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in

10 CFR 51.22(c)(9) and (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.

6.0 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 amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: T. Alexion

Date: September 24, 2001

Arkansas Nuclear One

cc:

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