

December 9, 2004

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SUBJECT: ARKANSAS NUCLEAR ONE, UNITS 1 AND 2; GRAND GULF NUCLEAR STATION; RIVER BEND STATION; WATERFORD STEAM ELECTRIC STATION, UNIT 3; INDIAN POINT NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3; JAMES A. FITZPATRICK NUCLEAR POWER PLANT; PILGRIM NUCLEAR POWER STATION; VERMONT YANKEE NUCLEAR POWER STATION - REVISION TO THE QUALITY ASSURANCE PROGRAM MANUAL (QAPM) (TAC NOS. MC1441, MC1439, MC1423, MC1440, MC1420, MC1463, MC1442, MC1437, MC1438, MC1476, MC1464)

Dear Mr. Burford,

By letter dated November 17, 2003, as supplemented by letter dated June 24, 2004, pursuant to 10 CFR 50.54(a)(4), Entergy Operations, Inc. and Entergy Nuclear Operations, Inc. (Entergy) requested approval of a revision to the Entergy QAPM that reduces a commitment previously approved by the Nuclear Regulatory Commission (NRC) staff. The proposed change would eliminate Section A.3.c from the Entergy QAPM.

The NRC staff has reviewed the reduction in commitment, as documented in the enclosed Safety Evaluation. The staff finds that the revised QAPM incorporating this change will continue to satisfy the criteria of Appendix B to 10 CFR Part 50 and is, therefore, acceptable.

Sincerely,

**/RA/**

Michael K. Webb, Acting Chief, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-313, 368, 416, 458, 382, 003, 247, 286, 333, 293, 271

Enclosure: Safety Evaluation

cc w/encl: See next page

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SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
REVISION TO QUALITY ASSURANCE PROGRAM MANUAL  
ENTERGY OPERATIONS, INC. AND ENTERGY NUCLEAR OPERATIONS, INC.  
ARKANSAS NUCLEAR ONE, UNITS 1 AND 2; GRAND GULF NUCLEAR STATION;  
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DOCKET NOS. 50-313, 50-368, 50-416, 50-458, 50-382, 50-003, 50-247, 50-286, 50-333,  
50-293, 50-271

## 1.0 INTRODUCTION

By letter dated November 17, 2003, as supplemented by letter dated June 24, 2004, Entergy Operations, Inc. and Entergy Nuclear Operations, Inc. (Entergy, or the licensee) proposed a change to the Entergy quality assurance (QA) program described in its Quality Assurance Program Manual (QAPM). The change eliminates a current commitment in Section A.3.c related to management review of the QA program.

## 2.0 REGULATORY EVALUATION

The change to the QA program description is submitted in accordance with Title 10, *Code of Federal Regulations* (10 CFR) Section 50.54(a)(4). The licensee characterized this change as a reduction in commitment, which requires Nuclear Regulatory Commission (NRC) approval prior to implementation.

The licensee's application identifies the change to the QAPM since the previous revision and provides justification for the change. The application includes revised page 4 of the QAPM, which is the only page affected by the proposed change.

Regulatory Guide (RG) 1.33, Revision 2, dated February 1978, describes a method acceptable to the NRC staff for complying with the Commission's regulations with regard to overall QA program requirements for the operational phase of nuclear power plants. RG 1.33-1978 endorses American National Standards Institute (ANSI) N18.7-1976, subject to certain qualifiers.

### 3.0 TECHNICAL EVALUATION

#### 3.1 Licensee's Proposal

Section A.3 of the QAPM describes how the licensee maintains and exercises responsibility for the scope and implementation of an effective overall QA program. The licensee proposes to eliminate the following commitment (A.3.c) related to management review:

*"The adequacy of the QAPM's implementation is assessed annually by the manager(s) responsible for quality assurance and reported to the chief executive officer and the associated executive for overall plant nuclear safety."*

This commitment implements, in part, Criterion II of Appendix B to 10 CFR Part 50, which states: "The applicant shall regularly review the status and adequacy of the quality assurance program." The licensee states that its continued commitment to RG 1.33-1978 and the endorsed ANSI N18.7-1976 (N18.7), as documented in QAPM Table 1, adequately implements the regulatory requirement with respect to management review. As justification for eliminating this commitment, the licensee refers to review and audit guidance provided in Sections 3.4.2 and 4.5 of ANSI N18.7-1976.

The licensee proposes to eliminate the QAPM Section A.3.c commitment on the basis that the cited N18.7-1976 guidance adequately addresses management review of the QA program. The licensee's letter of June 24, 2004, supplements the submittal and provides additional information describing how the guidance of N18.7 is implemented.

#### 3.2 Staff Evaluation

The Entergy Safety Review Committee (SRC) is responsible for the management review function described above. As described by QAPM Section A.2.c, the SRC reports to the chief operating officer, who in turn reports to the president. The SRC implements the independent review function described in N18.7 Section 4.3 and is responsible for oversight of the audit program described in N18.7 Section 4.5. Entergy quality-related procedure QV-107, "Safety Review Committee," implements the QAPM commitments as follows:

*"The SRC independently monitors the implementation of Entergy's programs and provides management with evaluations and assessments related to the effectiveness of the nuclear program." (QV-107, Section 4.1.5)*

In accordance with N18.7, the SRC meeting frequency (for the purpose of independently monitoring the implementation of Entergy's programs and providing management with evaluations and assessments related to the effectiveness of the nuclear program) shall not be less than twice a year. In addition, the SRC subcommittee responsible for QA oversight:

*"Reviews and concurs with the annual quality assurance audit schedule; reviews QA audit reports and stop work notices....Monitors implementation of the annual QA audit schedule and semi-annually reviews the QA audit program to assure that audits are being accomplished in accordance with requirements." (QV-107, Section 5.5.6.3)*

The staff has reviewed the applicable N18.7 guidance, the licensee's justification as supplemented, and the referenced sections of the licensee's QA program description. The staff finds that the QAPM commitments and implementing quality-related procedure QV-107, adequately implement the referenced Appendix B requirement. Therefore, the proposed change is acceptable.

#### 4.0 CONCLUSION

Based on review of the change incorporated under Revision 9 to the licensee's QA program description, the staff has determined that the program continues to satisfy the requirements of Appendix B to 10 CFR Part 50 and is, therefore, acceptable.

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Date: December 9, 2004

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