

July 26, 1993

Docket No. 50-382

Mr. Ross P. Barkhurst
Vice President Operations
Entergy Operations, Inc.
Post Office Box B
Killona, Louisiana 70066

Dear Mr. Barkhurst:

SUBJECT: ISSUANCE OF AMENDMENT NO. 83 TO FACILITY OPERATING LICENSE
NPF-38 - WATERFORD STEAM ELECTRIC STATION, UNIT 3 (TAC NO. M84790)

The Commission has issued the enclosed Amendment No. 83 to Facility Operating License No. NPF-38 for the Waterford Steam Electric Station, Unit 3. The amendment consists of changes to the Technical Specifications (TSs) in response to your application dated October 21, 1992.

The amendment changes the Appendix A Technical Specifications to reflect an organizational change which consolidates assessments, operating experience reviews, and the Independent Safety Engineering Group (ISEG) functions. The change deletes the ISEG and creates a new section on Independent Technical Reviews.

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

Sincerely,

ORIGINAL SIGNED BY:

David L. Wigginton, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 83 to NPF-38
- 2. Safety Evaluation

cc w/enclosures:
See next page

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D. Hagan	G. Hill (P)	Wanda Jones (7103)
C. Grimes (11E22)	J. Roe (13A2)	OPA (2G5)
OC/LFMB (4503)	A. Beach, RIV	

OFC	LA/PD4-1	PM/PD4-1	OGC	D/PD4-1
NAME	PNoonan	DWigginton/vw	OPW	TChan / Rood
DATE	7/17/93	7/8/93	7/4/93	7/26/93
COPY	YES/NO	YES/NO	YES/NO	YES/NO

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, appearing to read "D. Wigginton".

David L. Wigginton, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 83 to NPF-38
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. Ross P. Barkhurst
Entergy Operations, Inc.

Waterford 3

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

ENERGY OPERATIONS, INC.

DOCKET NO. 50-382

WATERFORD STEAM ELECTRIC STATION, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 83
License No. NPF-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Entergy Operations, Inc. (the licensee) dated October 21, 1992, 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 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.

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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-38 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 83, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Harry Rood, Acting Director
Project Directorate IV-1
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 26, 1993

ATTACHMENT TO LICENSE AMENDMENT NO. 83
TO FACILITY OPERATING LICENSE NO. NPF-38
DOCKET NO. 50-382

Replace the following page of the Appendix A Technical Specifications with the attached page. The revised page is identified by Amendment number and contains a vertical line indicating the areas of change. The corresponding overleaf page are also provided to maintain document completeness.

REMOVE PAGE

6-6

INSERT PAGE

6-6

ADMINISTRATIVE CONTROLS

6.2.3 INDEPENDENT TECHNICAL REVIEWS

FUNCTION

6.2.3.1 Independent technical reviews shall be conducted to examine plant operating characteristics, NRC issuances, industry advisories, Licensee Event Reports and other sources of plant design and operating experience information which may indicate areas for improving plant safety.

COMPOSITION

6.2.3.2 A minimum of five, full-time engineers shall be dedicated to perform the independent technical review functions described herein. Each shall have a Bachelor's Degree in Engineering or Physical Science or equivalent and at least two years professional level experience in his/her field.

RESPONSIBILITIES

6.2.3.3 Independent technical review responsibilities shall encompass surveillance to independently verify* that these activities are performed safely and correctly and that human errors are reduced as much as practical.

AUTHORITY

6.2.3.4 Individuals assigned to authority to perform the functions and responsibilities delineated above shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities, operations activities, or other means of improving unit safety.

RECORDS

6.2.3.5 Written records of the activities described above shall be maintained. Recommendations for improving unit safety shall be forwarded each calendar month to the Director of Nuclear Safety.

6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall provide advisory technical support to the Shift Supervisor in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit. The STA shall meet the requirements of either Option 1 or 2 as shown below:

- a. Option 1 - Combined SRO/STA Position. This option is satisfied by assigning an individual with the following qualifications to each operating shift crew as one of the SRO's required by 10 CFR 50.54(m) (2) (i):

*Not responsible for sign-off function.

TABLE 6.2-1

MINIMUM SHIFT CREW COMPOSITION

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, OR 4	MODE 5 OR 6
SS	1*	1
SRO	1*	None
RO	2	1
AO	2	1
STA	1*	None

- SS - Shift Supervisor with a Senior Operator License
- SRO - Individual with a Senior Operator License
- RO - Individual with an Operator License
- AO - Auxiliary Operator
- STA - Shift Technical Advisor

Except for the Shift Supervisor, the shift crew composition may be one less than the minimum requirements of Table 6.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Shift Supervisor from the control room while the unit is in MODE 1, 2, 3 or 4, an individual (other than the Shift Technical Advisor) with a valid Senior Operator license shall be designated to assume the control room command function. During any absence of the Shift Supervisor from the control room while the unit is in MODE 5 or 6, an individual with a valid Senior Operator or Operator license shall be designated to assume the control room command function.

*An individual with SRO/STA qualifications can satisfy the SS/STA or SRO/STA position requirements simultaneously.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 83 TO

FACILITY OPERATING LICENSE NO. NPF-38

ENTERGY OPERATIONS, INC.

WATERFORD STEAM ELECTRIC STATION, UNIT 3

DOCKET NO. 50-382

1.0 INTRODUCTION

Entergy Operations, Inc., by letter dated October 21, 1992, requested changes to the Administrative Controls Section of the Technical Specifications for Waterford Generating Station, Unit 3. These requested changes amend the function, composition, responsibilities and authority of the Independent Safety Engineering Group (ISEG)

2.0 EVALUATION

a. Section 6.2.3 - Independent Safety Engineering Function (ISEG) - Entergy has proposed to delete the ISEG organizational unit and incorporate the ISEG function within a Nuclear Safety Organization. Section 6.2.3 has been retitled Independent Safety Reviews.

The staff finds this change acceptable as the ISEG function is retained.

b. Section 6.2.3.1 - Function - The title ISEG has been removed and the requirement for making recommendations has been revised and included in Section 6.2.3.3 (Authority).

The staff finds this change acceptable as the function is retained and recommendations are required to be made monthly to the Director of Nuclear Safety.

c. Section 6.2.3.2 - Composition - The qualification requirements have been changed from "a bachelor's degree in engineering or related science and at least two years professional level experience in his field, at least 1 year of which experience shall be in the nuclear field" to "a Bachelor's Degree in Engineering or Physical Science or equivalent and at least two years professional level experience in his/her field."

The staff finds this change acceptable contingent upon retaining the qualification requirement of two years professional experience, at least one year of which is in the nuclear field. In discussion with the licensee, it was determined that the omission of the reference to experience of at least one year in the nuclear field was not intentional and that the licensee had intended that it remain in the statement. The licensee agrees with the staff to retain that requirement.

d. Section 6.2.3.3 - Responsibilities - Entergy has proposed deleting the reference to ISEG and amended its responsibilities to include surveillance of unit activities rather than be responsible for the surveillance of these activities.

The staff finds these proposed changes acceptable as they are editorial in nature.

e. Section 6.2.3.4 - Authority - This section has been revised to delete the reference to ISEG and restated the authority as "Individuals assigned the authority to perform the functions and responsibilities delineated above shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities, operations activities, or other means of improving plant safety."

The staff finds these changes acceptable as they reflect the revised organization and include activities formerly included in the section on functions.

f. Section 6.2.3.5 - Records - This section has been revised such that recommendations for improving plant safety are forwarded each calendar month to the Director of Nuclear Safety, rather than to the Director Operations Support and Assessment.

The staff finds this change acceptable as it reflects the revised organization.

3.0 STATE CONSULTATION

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

4.0 ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in 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)(10). 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 (57 FR 55580). 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.

5.0 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 Contributors: F. Allenspach
D. Wigginton

Date: July 26, 1993