

DO NOT REMOVE

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Correction to

Amdt. 48 to NPF-38

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: CORRECTION TO AMENDMENT NO. 48 TO FACILITY OPERATING LICENSE NPF-38 - WATERFORD STEAM ELECTRIC STATION, UNIT 3 (TAC NO. M67851)

On December 14, 1988, the Commission issued Amendment No. 48 to Facility Operating License No. NPF-38 for the Waterford Steam Electric Station, Unit 3. Amendment No. 48 changed the Technical Specifications (TS) on boron dilution by adding mode 4 requirements, clarifying the surveillance to verify systems isolation only when the system is to be isolated, make surveillances consistent with the mode 4 and 5 limited conditions for operation, and revise the frequencies for backup dilution detection.

Correction is being made to TS overleaf page 3/4 1-18 to 3/4 1-17c. It failed to incorporate changes made with Amendment No. 11. A corrected TS page is enclosed. Please accept our apologies for any inconvenience this may have caused you.

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

Enclosure:  
TS pages 3/4 1-18

cc w/enclosure:  
See next page

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

December 14, 1992

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Sincerely,

A handwritten signature in dark ink, appearing to read "D. L. Wigginton".

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

Enclosure:  
TS pages 3/4 1-18

cc w/enclosure:  
See next page

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Entergy Operations, Inc.

Waterford 3

cc:

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Winston & Strawn  
Attn: N. S. Reynolds  
1400 L Street, N.W.  
Washington, DC 20005-3502

TABLE 3.1-5

**REQUIRED MONITORING FREQUENCIES FOR BACKUP BORON  
DILUTION DETECTION AS A FUNCTION OF OPERATING  
CHARGING PUMPS AND PLANT OPERATIONAL MODES FOR  
 $K_{eff}$  LESS THAN OR EQUAL TO 0.95**

$K_{eff} \leq 0.95$

OPERATIONAL MODE	Number of Operating Charging Pumps*			
	0	1	2	3
3	12 hours	5.0 hours	2.0 hours	1.0 hours
4	12 hours	3.0 hours	1.0 hours	0.5 hours
5 RCS filled	8 hours	3.0 hours	1.25 hours	0.5 hours
5 RCS partially drained	8 hours	2.75 hours	1.0 hours	Operation not allowed**
6	24 hours	2.25 hours	0.75 hours	Operation not allowed**

\*Charging pump OPERABILITY for any period of time shall constitute OPERABILITY for the entire monitoring frequency.

\*\*The precluded number of charging pumps shall be verified to be inoperable by racking out their motor circuit breakers.

## REACTIVITY CONTROL SYSTEMS

### 3/4.1.3 MOVABLE CONTROL ASSEMBLIES

#### CEA POSITION

#### LIMITING CONDITION FOR OPERATION

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3.1.3.1 All full-length (shutdown and regulating) CEAs, and all part-length CEAs which are inserted in the core, shall be OPERABLE with each CEA of a given group positioned within 7 inches (indicated position) of all other CEAs in its group.

APPLICABILITY: MODES 1\* and 2\*.

#### ACTION:

- a. With one or more full-length CEAs inoperable due to being immovable as a result of excessive friction or mechanical interference or known to be untrippable, determine that the SHUTDOWN MARGIN requirement of Specification 3.1.1.1 is satisfied within 1 hour and be in at least HOT STANDBY within 6 hours.
- b. With more than one full-length or part-length CEA inoperable or misaligned from any other CEA in its group by more than 19 inches (indicated position), be in at least HOT STANDBY within 6 hours.
- c. With one full-length or part-length CEA misaligned from any other CEA in its group by more than 19 inches, operation in MODES 1 and 2 may continue, provided that within 1 hour the misaligned CEA is either:
  1. Restored to OPERABLE status within its above specified alignment requirements, or
  2. Declared inoperable and the SHUTDOWN MARGIN requirement of Specification 3.1.1.1 is satisfied. After declaring the CEA inoperable, operation in MODES 1 and 2 may continue pursuant to the requirements of Specification 3.1.3.6 provided:
    - a) Within 1 hour the remainder of the CEAs in the group with the inoperable CEA shall be aligned to within 7 inches of the inoperable CEA while maintaining the allowable CEA sequence and insertion limits shown on Figure 3.1-2; the THERMAL POWER level shall be restricted pursuant to Specification 3.1.3.6 during subsequent operation.
    - b) The SHUTDOWN MARGIN requirement of Specification 3.1.1.1 is determined at least once per 12 hours.

Otherwise, be in at least HOT STANDBY within 6 hours.

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\*See Special Test Exceptions 3.10.2 and 3.10.4.