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10 CFR 50.90

W3F1-2018-0013

February 28, 2018

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Subject: Supplement to License Amendment Request for Adoption of Technical Specifications Task Force (TSTF) Traveler TSTF-501, Revision 1, "Relocate Stored Fuel Oil and Lube Oil Volume Values to Licensee Control" Waterford Steam Electric Station, Unit 3 (Waterford 3)  
Docket No. 50-382  
License No. NPF-38

Reference: 1. W3F1-2017-0025, License Amendment Request for Adoption of Technical Specifications Task Force (TSTF) Traveler TSTF-501, Revision 1, "Relocate Stored Fuel Oil and Lube Oil Volume Values to Licensee Control," March 28, 2017 [ADAMS Accession Number ML17087A551].

Dear Sir or Madam:

By letter dated March 28, 2017, Entergy Operations, Inc. (Entergy), submitted a license amendment request (LAR) to adopt U. S. NRC-approved Technical Specification Task Force (TSTF) Standard Technical Specifications Change traveler TSTF-501 (Reference 1).

On January 30, 2018, Entergy received e-mail correspondence from the NRC requesting a supplement to correct inconsistencies discovered in Reference 1. Specifically:

1. TS page 3/4 8-8 top line: remove the "3/4.8" in front of "ELECTRICAL POWER SYSTEMS." The word "ELECTRICAL" should be aligned with the left margin.
2. TS page 3/4 8-8 second line: remove the "3/4.8.1" in front of "A.C. SOURCES." The word "A.C." should be aligned with the left margin.
3. In addition, please move the vertical marginal line indicating the change to Limiting Condition for Operation 3.8.1.2 b.1 to the right side of the page, to be consistent with historical changes to the Waterford 3 TS.

New markups and clean pages are provided as Attachments 1 and 2.

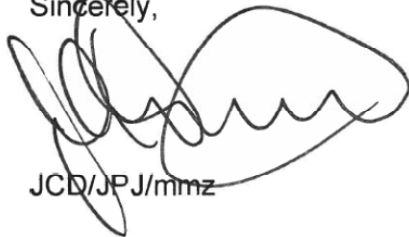
The above corrections are considered editorial and are consistent with current Waterford 3 Technical Specifications and the LAR. The proposed No Significant Hazards Consideration provided in Reference 1 remains unchanged.

There are no new regulatory commitments contained in this submittal.

If you have any questions or require additional information, please contact John Jarrell, Regulatory Assurance Manager, at 504-739-6685.

I declare under penalty of perjury that the foregoing is true and correct. Executed on February 28, 2018.

Sincerely,

A handwritten signature in black ink, appearing to be 'John Jarrell', written over the word 'Sincerely,'.

JCD/JPJ/mmz

Attachments: 1. Revised (Markup) Technical Specification Pages  
2. Revised (Clean) Technical Specification Pages

cc: Mr. Kriss Kennedy, Regional Administrator  
U.S. NRC, Region IV  
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**Attachment 1 to**

**W3F1-2018-0013**

**Waterford Steam Electric Station, Unit 3**

**Revised (Markup) Technical Specification Pages**

**(3 Pages)**

### 3/4.8 ELECTRICAL POWER SYSTEMS

#### 3/4.8.1 A.C. SOURCES

##### OPERATING

##### LIMITING CONDITION FOR OPERATION

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. Two physically independent circuits between the offsite transmission network and the onsite Class 1E distribution system, and
- b. Two separate and independent diesel generators, each with:
  1. Diesel oil feed tanks containing a minimum ~~volume of 339 gallons~~ of fuel, and
  2. A separate diesel generator fuel oil storage tank, and
  3. A separate fuel transfer pump.

one hour supply

APPLICABILITY: MODES 1, 2, 3, and 4.

##### ACTION:

- a. With one offsite circuit of 3.8.1.1a inoperable, demonstrate the OPERABILITY of the remaining offsite A.C. circuit by performing Surveillance Requirement 4.8.1.1.1a within 1 hour and at least once per 8 hours thereafter. Restore the offsite A.C. circuit to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- b. With one diesel generator of 3.8.1.1b inoperable:
  - (1) Demonstrate the OPERABILITY of the remaining A.C. circuits by performing Surveillance Requirements 4.8.1.1.1a (separately for each offsite A.C. circuit) within 1 hour and at least once per 8 hours thereafter. If the diesel generator became inoperable due to any cause other than an inoperable support system, an independently testable component, or preplanned maintenance or testing, demonstrate the OPERABILITY of the remaining OPERABLE diesel generator (unless it has been successfully tested in the last 24 hours) by performing Surveillance Requirement 4.8.1.1.2a.4 within 8 hours unless the absence of any potential common mode failure for the remaining diesel generator is demonstrated.
  - (2) Restore the diesel generator to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours, unless the following condition exists:

## ELECTRICAL POWER SYSTEMS

### A.C. SOURCES

### SHUTDOWN

## LIMITING CONDITION FOR OPERATION

3.8.1.2 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. One circuit between the offsite transmission network and the onsite Class 1E distribution system, and
- b. One diesel generator with:
  1. A diesel oil feed tank containing a minimum ~~volume of 339 gallons~~ of fuel, and
  2. The diesel fuel oil storage tanks, and
  3. A fuel transfer pump.

one hour supply

APPLICABILITY: MODES 5 and 6.

### ACTION:

With less than the above minimum required A.C. electrical power sources OPERABLE, immediately suspend all operations involving CORE ALTERATIONS, operations involving positive reactivity additions that could result in loss of required SHUTDOWN MARGIN or boron concentration, or load movements with or over irradiated fuel. In addition, when in MODE 5 with the reactor coolant loops not filled, or in MODE 6 with the water level less than 23 feet above the top of the fuel seated in the reactor pressure vessel, immediately initiate corrective action to restore the required sources to OPERABLE status.

## SURVEILLANCE REQUIREMENTS

4.8.1.2 The above required A.C. electrical power sources shall be demonstrated OPERABLE by the performance of each of the Surveillance Requirements of 4.8.1.1.1 and 4.8.1.1.2 (except for Surveillance Requirement 4.8.1.1.2a.5.)

## ELECTRICAL POWER SYSTEMS

### DIESEL FUEL OIL


#### LIMITING CONDITION FOR OPERATION

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3.8.1.3 The stored diesel fuel oil shall be within limits for each required diesel generator (DG).

APPLICABILITY: When associated DG is required to be OPERABLE.

ACTION: (Note: Separate ACTION entry is allowed for each DG.)

- a. With the fuel oil storage tank volume less than ~~39,300~~ gallons and greater than ~~37,000~~ gallons, restore fuel oil storage tank volume to greater than or equal to ~~39,300~~ gallons within 5 days (provided replacement fuel oil is onsite within the first 48 hours).  

- b. With one or more DGs with stored fuel oil total particulates not within limits, restore fuel oil total particulates to within limits within 7 days.
- c. With one or more DGs with new fuel oil properties not within limits, restore stored fuel oil properties to within limits within 30 days.
- d. If any of the above ACTIONS cannot be met, or if the diesel fuel oil is not within limits for reasons other than the above ACTIONS, immediately declare the associated DG(s) inoperable.

a 6 day supply

a 7 day supply

#### SURVEILLANCE REQUIREMENTS

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4.8.1.3.1 In accordance with the Surveillance Frequency Control Program verify each fuel oil storage tank volume.

4.8.1.3.2 Verify fuel oil properties of new or stored fuel oil are tested in accordance with, and maintained within the limits of, the Diesel Fuel Oil Testing Program.

**Attachment 2 to**

**W3F1-2018-0013**

**Waterford Steam Electric Station, Unit 3**

**Revised (Clean) Technical Specification Pages**

**(3 Pages)**

### 3/4.8 ELECTRICAL POWER SYSTEMS

#### 3/4.8.1 A.C. SOURCES

##### OPERATING

##### LIMITING CONDITION FOR OPERATION

---

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. Two physically independent circuits between the offsite transmission network and the onsite Class 1E distribution system, and
- b. Two separate and independent diesel generators, each with:
  - 1. Diesel oil feed tanks containing a minimum one hour supply of fuel, and
  - 2. A separate diesel generator fuel oil storage tank, and
  - 3. A separate fuel transfer pump.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

- a. With one offsite circuit of 3.8.1.1a inoperable, demonstrate the OPERABILITY of the remaining offsite A.C. circuit by performing Surveillance Requirement 4.8.1.1.1a within 1 hour and at least once per 8 hours thereafter. Restore the offsite A.C. circuit to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- b. With one diesel generator of 3.8.1.1b inoperable:
  - (1) Demonstrate the OPERABILITY of the remaining A.C. circuits by performing Surveillance Requirements 4.8.1.1.1a (separately for each offsite A.C. circuit) within 1 hour and at least once per 8 hours thereafter. If the diesel generator became inoperable due to any cause other than an inoperable support system, an independently testable component, or preplanned maintenance or testing, demonstrate the OPERABILITY of the remaining OPERABLE diesel generator (unless it has been successfully tested in the last 24 hours) by performing Surveillance Requirement 4.8.1.1.2a.4 within 8 hours unless the absence of any potential common mode failure for the remaining diesel generator is demonstrated.
  - (2) Restore the diesel generator to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours, unless the following condition exists:



## ELECTRICAL POWER SYSTEMS

### A.C. SOURCES

### SHUTDOWN

## LIMITING CONDITION FOR OPERATION

---

3.8.1.2 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. One circuit between the offsite transmission network and the onsite Class 1E distribution system, and
- b. One diesel generator with:
  1. A diesel oil feed tank containing a minimum one hour supply of fuel, and
  2. The diesel fuel oil storage tanks, and
  3. A fuel transfer pump.

APPLICABILITY: MODES 5 and 6.

### ACTION:

With less than the above minimum required A.C. electrical power sources OPERABLE, immediately suspend all operations involving CORE ALTERATIONS, operations involving positive reactivity additions that could result in loss of required SHUTDOWN MARGIN or boron concentration, or load movements with or over irradiated fuel. In addition, when in MODE 5 with the reactor coolant loops not filled, or in MODE 6 with the water level less than 23 feet above the top of the fuel seated in the reactor pressure vessel, immediately initiate corrective action to restore the required sources to OPERABLE status.

## SURVEILLANCE REQUIREMENTS

---

4.8.1.2 The above required A.C. electrical power sources shall be demonstrated OPERABLE by the performance of each of the Surveillance Requirements of 4.8.1.1.1 and 4.8.1.1.2 (except for Surveillance Requirement 4.8.1.1.2a.5.)

## ELECTRICAL POWER SYSTEMS

### DIESEL FUEL OIL

#### LIMITING CONDITION FOR OPERATION

---

3.8.1.3 The stored diesel fuel oil shall be within limits for each required diesel generator (DG).

APPLICABILITY: When associated DG is required to be OPERABLE.

ACTION: (Note: Separate ACTION entry is allowed for each DG.)

- a. With the fuel oil storage tank volume less than a 7 day supply and greater than a 6 day supply, restore fuel oil storage tank volume to greater than or equal to a 7 day supply within 5 days (provided replacement fuel oil is onsite within the first 48 hours).
- b. With one or more DGs with stored fuel oil total particulates not within limits, restore fuel oil total particulates to within limits within 7 days.
- c. With one or more DGs with new fuel oil properties not within limits, restore stored fuel oil properties to within limits within 30 days.
- d. If any of the above ACTIONS cannot be met, or if the diesel fuel oil is not within limits for reasons other than the above ACTIONS, immediately declare the associated DG(s) inoperable.

#### SURVEILLANCE REQUIREMENTS

---

4.8.1.3.1 In accordance with the Surveillance Frequency Control Program verify each fuel oil storage tank volume.

4.8.1.3.2 Verify fuel oil properties of new or stored fuel oil are tested in accordance with, and maintained within the limits of, the Diesel Fuel Oil Testing Program.