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**Jeremy G. Browning**  
Site Vice President  
Arkansas Nuclear One

2CAN101401

October 22, 2014

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

SUBJECT: License Amendment Request Supplemental  
Adoption of Technical Specification Task Force (TSTF)-422, Revision 2  
"Change in Technical Specifications End States (CE NPSD-1186)"  
Arkansas Nuclear One, Unit 2  
Docket No. 50-368  
License No. NPF-6

Dear Sir or Madam:

By letter dated March 26, 2013 (Reference 1), Entergy requested adoption of Technical Specification Task Force (TSTF)-422, Revision 2, for Arkansas Nuclear One, Unit 2 (ANO-2). The marked-up and revised TS pages submitted in support of TSTF-422 adoption included proposed TS changes supporting adoption of TSTF-500, Revision 2, "DC Electrical Rewrite - Update to TSTF-360," which had been previously submitted for NRC review.

An Entergy response to an NRC Request for Additional Information (RAI) associated with adoption of TSTF-500 (Reference 7) resulted in a change to a TS page common to both the TSTF-500 and TSTF-422 amendment requests. Therefore, TSTF-422 related ANO-2 TS Page 3/4 8-8 mark-up and revised (clean) replacement pages are included in Attachments 1 and 2 of this letter, respectively, which incorporate the changes to this page made in response to Question 2 of the subject TSTF-500 RAI (Reference 7).

With respect to the original Entergy request (Reference 1), changes included in this letter have been evaluated and Entergy has determined that the changes do not invalidate the assessment of the no significant hazards consideration included in the reference letter, nor affect the applicability and acceptability of ANO-2 adoption of TSTF-422.

In accordance with 10 CFR 50.91(b)(1), a copy of this response is being provided to the designated Arkansas state official.

No new commitments have been identified in this letter.

If you have any questions or require additional information, please contact Stephenie Pyle at 479-858-4704.

I declare under penalty of perjury that the foregoing is true and correct.  
Executed on October 22, 2014.

Sincerely,

**ORIGINAL SIGNED BY JEREMY G. BROWNING**

JGB/dbb

- REFERENCES:
1. Entergy letter dated March 26, 2013, *License Amendment Request – Adoption of Technical Specification Task Force (TSTF)-422, Revision 2, “Change in Technical Specifications End States (CE NPSD-1186)”* (2CAN031303) (ML13085A283)
  2. NRC email dated November 22, 2013, *Arkansas Nuclear One, Unit 2 – RAI related to the adoption of TSTF-422, Revision 2, “Change in Technical Specifications End States (CE NPSD-1186)”* (TAC No. MF1199) (ML13326A345)
  3. Entergy letter dated December 12, 2013, *Response to RAI related to the adoption of TSTF-422, Revision 2, “Change in Technical Specifications End States (CE NPSD-1186)”* (2CAN121303) (ML13347B235)
  4. Entergy letter dated May 12, 2014, *License Amendment Request Supplemental – Adoption of Technical Specification Task Force (TSTF)-422, Revision 2, “Change in Technical Specifications End States (CE NPSD-1186)”* (2CAN051403) (ML14132A344)
  5. NRC letter dated August 4, 2014, *Request for Additional Information Regarding License Amendment Requests Proposing Adoption of Technical Specification Task Force Traveler TSTF-500* (2CNA081401) (ML14210A521)
  6. NRC letter dated August 4, 2014, *Request for Additional Information Regarding License Amendment Requests to Adopt Changes to Technical Specification End States* (0CNA081401) (ML14209A627)
  7. Entergy letter dated August 12, 2014, *Response to Request for Additional Information Regarding Adoption of Technical Specification Task Force (TSTF)-500, Revision 2, “DC Electrical Rewrite - Update to TSTF-360”* (2CAN081402) (ML14224A645)
  8. Entergy letter dated August 19, 2014, *Response to Request for Additional Information Regarding License Amendment Requests to Adopt Changes to Technical Specification End States* (0CAN081407) (ML14231A370)

Attachments:

1. Replacement Markup of Technical Specification Page
2. Replacement Clean (Revised) Technical Specification Page

cc: Mr. Marc L. Dapas  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
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Arlington, TX 76011-4511

NRC Senior Resident Inspector  
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U. S. Nuclear Regulatory Commission  
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**Attachment 1 to**

**2CAN101401**

**Replacement Markup of Technical Specification Page**

## ELECTRICAL POWER SYSTEMS

### DC SOURCES – OPERATING

#### LIMITING CONDITION FOR OPERATION

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3.8.2.3 The Train A and Train B DC electrical power subsystems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

- a. With one of the required full capacity chargers inoperable:
  - i. Restore the battery terminal voltage to greater than or equal to the minimum established float voltage within 2 hours, and
  - ii. Verify battery float current  $\leq 2$  amps once per 12 hours.
- b. With one DC electrical power subsystem inoperable for reasons other than ACTION 'a' above, restore the inoperable DC electrical power subsystem to OPERABLE status within 2 hours.

Otherwise, be in at least HOT STANDBY within the next 6 hours and in [HOTCOLD SHUTDOWN](#) within the following ~~630~~ hours. [LCO 3.0.4.a is not applicable when entering HOT SHUTDOWN.](#)

#### SURVEILLANCE REQUIREMENTS

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4.8.2.3.1 At least once per 7 days by verifying that the battery terminal voltage is greater than or equal to the minimum established float voltage.

**Attachment 2 to**

**2CAN101401**

**Replacement Clean (Revised) Technical Specification Page**

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- b. With one DC electrical power subsystem inoperable for reasons other than ACTION 'a' above, restore the inoperable DC electrical power subsystem to OPERABLE status within 2 hours.

Otherwise, be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours. LCO 3.0.4.a is not applicable when entering HOT SHUTDOWN.

#### SURVEILLANCE REQUIREMENTS

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4.8.2.3.1 At least once per 7 days by verifying that the battery terminal voltage is greater than or equal to the minimum established float voltage.