June 4, 2008

Technical Specification Task Force (TSTF)
11921 Rockville Pike, Suite 100
Rockville, MD 20852

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING TSTF-500, REVISION 0, "DC ELECTRICAL REWRITE – UPDATE TO TSTF-360" (TAC NO. MD7221)

Dear Members of the TSTF,

By letter dated August 31, 2007 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML072430830), as supplemented by letter dated March 11, 2008 (ADAMS Accession No. ML080710396), the Technical Specifications Task Force (TSTF) requested the NRC to review TSTF-500, Revision 0, "DC Electrical Rewrite – Update to TSTF-360."

The Nuclear Regulatory Commission (NRC) staff has reviewed the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed Request for Additional Information (RAI). A response to this RAI is requested to be provided within 60 days.

Sincerely,

/RA/

Robert Elliott, Chief
Technical Specifications Branch
Division of Inspections & Regional Support
Office of Nuclear Reactor Regulation

Enclosure:
RAI

cc: See next page

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RAI

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REQUEST FOR ADDITIONAL INFORMATION (RAI)

TSTF-500, REVISION 0, "DC ELECTRICAL REWRITE – UPDATE TO TSTF-360"

1. On page 14 of the August 31, 2007, submittal, the applicant stated that the float current requirements are based on the float current indicative of a charged battery. Define the term 'charged battery'.

2. On page 17 of the August 31, 2007, submittal, the applicant stated that the [2] amp float current value is an indication that the battery is [95] percent charged Show that the Technical Specification float current value provides an indication that the battery is fully capable of performing its specified safety function.

3. Describe the methodology for determining the design margin (e.g., 5%) that must be maintained in order to utilize float current monitoring as an indication of a battery's state-of-charge.

4. Describe how licensees will show that the float current limit for determining a battery's state-of-charge will remain valid for future replacement batteries.

5. Describe how electrical isolation will be maintained in accordance with Regulatory Guide 1.75, "Criteria for Independence of Electrical Safety Systems," between non-Class 1E and Class 1E circuits when an alternate means (i.e., non-Class 1E spare battery charger) is maintaining the charge on the Class 1E battery. If double isolation (e.g., two breakers in series, a breaker and a fuse, or a breaker supplied with a loss-of-offsite power signal) is not used, provide a detailed discussion on how a fault on the non-Class 1E electrical circuit will not propagate to the Class 1E electrical circuit.

6. On page 15 of the August 31, 2007, submittal, the TSTF stated that the minimum temperature necessary to support operability of the battery can vary depending on the available excess capacity of the associated battery. Describe the available excess capacity that is being credited.