

**From:** Peter Tam  
**To:** Scarpello, Michael; Simpson, Sue; Steinmetz, Keith  
**Date:** 10/15/2007 7:59:09 AM  
**Subject:** D.C. Cook - Draft RAI re. EDG Maximum Steady State Frequency (**TAC MD5899, MD5900**)

Keith:

By letter dated 6/26/07 I&M requested an amendment to the D.C. Cook Technical Specifications (TS) surveillance requirement related to emergency diesel generator (EDG) testing. Our review of that submittal is ongoing, but we determined that additional information as outlined below is needed. We would like to discuss the information need in a conference call, but plan to formally issue the draft questions around 11/15/07 with or without a conference call:

- (1) Clarify how the panel instrument errors are accounted for in the proposed EDG frequency values indicated in the TS.
- (2) Provide the EDG manufacturer's various ratings for the EDGs such as the continuous and the short-time ratings.
- (3) State which NRC Regulatory Guides, IEEE Standards, or other guidance documents (and the revision numbers of those documents) to which D.C. Cook is committed for the purposes of EDG design and testing.
- (4) Provide a summary of the latest EDG sizing calculation, including a copy of the purpose, assumptions, and conclusions section of the calculation.
- (5) The NRC staff has identified an issue with D.C. Cook's EDG voltage values in TS 3.8.1. The voltage values indicated in the SRs of TS 3.8.1 are lower than the minimum degraded voltage function allowable value indicated in TS SR 3.3.5.3, which is not acceptable (see NRC Information Notice 2007-09, "Equipment Operability Under Degraded Voltage Conditions," ADAMS Accession Number ML070390066). Since the voltage values are contained within the same sentences in the TS that are affected by the proposed amendment to change the frequency values, the NRC staff cannot approve the amendment request knowing that there is a deficiency with the voltage values. Please propose how D.C. Cook plans to proceed regarding this issue and its effects on the proposed amendment.

The sole purpose of this e-mail is to prepare you and others for the proposed conference call. **This e-mail does not convey a formal NRC staff position, and does not formally request for additional information.**

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**CC:** Audrey Klett; Kemker, Brian; Lennartz, Jay

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aep.com AM kasteinmetz (Keith Steinmetz) mkscarpello (Michael Scarpello) sdsimpson (Sue Simpson)	Transferred	10/15/2007 7:59:23

nrc.gov ch_po.CH_DO AM BJK1 CC (Brian Kemker) AM JAL3 CC (Jay Lennartz)	Delivered	10/15/2007 7:59:34
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nrc.gov OWGWPO04.HQGWDO01 AM ALK1 CC (Audrey Klett) AM	Delivered	10/15/2007 7:59:15
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