

PMSTPCOL PEmails

From: Muniz, Adrian
Sent: Thursday, May 14, 2009 12:58 PM
To: rhbense@stpegs.com
Cc: STPCOL
Subject: STP draft RAI for Section 8.4
Attachments: RAI 2491.doc

Richard:

I have attached to this electronic communication a draft request for additional information (RAI) for Section 8.4 of the STP COLA. I will be contacting you to set up a conference call to make sure that STP's understanding of the RAI is clear.

Adrian Muñiz, Project Manager
U.S. NRC

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1231

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Subject: STP draft RAI for Section 8.4
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From: Muniz, Adrian

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Draft Request for Additional Information No. 2491 Revision 02

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 08.04 - Station Blackout
Application Section: SRP 8.4

QUESTIONS for Electrical Engineering Branch (EEB)

08.04-***

10CFR 50.63 states that no coping analysis is required if AAC (Alternate AC) source is demonstrated to be available within 10 minutes of the onset of a station blackout (SBO). Discuss the following:

1. Discuss the time required to identify the existence of an SBO (when the SBO clock starts?)
2. How long it will take to energize all required loads?
3. How long it will take to energize the emergency bus when the AAC source is connected to a non-safety bus?

08.04-***

In subsection 9.5.13.20 of the FSAR, the applicant identified the operating procedures to address a station blackout event (SBO). According to NUMARC 87-00, endorsed by Regulatory Guide 1.155 and referenced by SRP 8.4, the SBO response procedures include (1) Station Blackout Response Guidelines, (2) AC Power Restoration, and (3) Severe Weather Guidelines. Confirm that the operating procedures will address these three topics. Additionally, confirm that training will be provided to the plant personnel on these procedures that will be developed to address the station blackout event.