

PMNorthAnna3COLPEmails Resource

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Sent: Tuesday, November 30, 2010 4:56 PM
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Cc: NorthAnna3COL Resource
Subject: Draft RAI 5186
Attachments: Draft RAI 5186.doc

Hi Ladies and Gentlemen,

Please see attached draft RAIs 5186 for SRP Sections 8.4 regarding North Anna 3 application. Please let me know if you need a phone call to clarify the question. Otherwise, we will issue the RAI as final after December 3, 2010.

Chandu Patel

Hearing Identifier: NorthAnna3_Public_EX
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Request for Additional Information No. 5186 Revision 3

North Anna, Unit 3
Dominion
Docket No. 52-017
SRP Section: 08.04 - Station Blackout
Application Section: 8.4

QUESTIONS for Electrical Engineering Branch (EEB)

08.04-***

US-APWR DCD, Tier 2, Section 8.4.2.2, "Conformance with Regulatory Guidance," states that the applicant's conformance with Position C.3.4 of Regulatory Guide 1.155, "Station Blackout," would be demonstrated by providing procedures and training to cope with an SBO. US-APWR DCD, Tier 2, Section 13.5, "Plant Procedures," explains that the development of administrative and operating procedures to be used by the operating organization (plant staff) is designated as the responsibility of the COL Applicant. Therefore, a COL applicant referencing the US-APWR design is responsible for SBO procedures which include (1) Station Blackout Response Guidelines, (2) AC Power Restoration Guidelines and (3) Severe Weather Guidelines per NUMARC 87-00 which is endorsed by the NRC staff in RG 1.155. State whether these procedures and training are addressed in the COL Application, Part 2, (FSAR) with references to the DCD description. If these procedures are not addressed in the FSAR, provide the procedures and revise the FSAR to reflect the addition of these procedures.

08.04-***

NUMARC 8700, item B10, endorsed by the NRC staff in RG 1.155, states that the Aac power source shall be started and brought to operating conditions that are consistent with its functions as an Aac source at intervals not longer than three months, following manufacturer's recommendations. Once every refueling outage, a timed start and rated load capacity test shall be performed. Describe how Dominion would satisfy the above test provisions at North Anna, Unit 3.

08.04-***

NUMARC 8700, item B11, endorsed in RG 1.155, states that surveillance and maintenance procedures for the Aac system shall be implemented considering manufacturer's recommendations or in accordance with plant developed procedures. Describe how Dominion would conform to NUMARC 8700, item B11 in this regard at North Anna Unit 3.