

From: Miller, Ed
Sent: Friday, September 11, 2009 2:28 PM
To: 'david.helker@exeloncorp.com'; 'richard.gropp@exeloncorp.com'
Subject: Oyster Creek AST Draft RAIs, Electrical Branch
Attachments: Oyster Creek AST DRAI MD7261_EEEB.doc

Dave/Richard,

Attached are the draft RAI questions from the electrical branch. Please note that they don't represent a formal agency position and are being provided to allow you to prepare for the upcoming meeting regarding the subject license amendment request. If you have any questions, please contact me. Thank you.

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E-mail Properties

Mail Envelope Properties ()

Subject: Oyster Creek AST Draft RAIs, Electrical Branch
Sent Date: 09/11/2009 2:23:30 PM
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Recipients:

david.helker@exeloncorp.com ('david.helker@exeloncorp.com')
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Options

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Recipients received:

Draft Request For Additional Information
AmerGen Energy Company, LLC
Oyster Creek Nuclear Generating Station (Oyster Creek)
Docket No. 50-219

1. Are any non-safety related systems and components credited in the alternate source term analyses?

If so,

- a) Describe how this system will be electrically separated from the safety-related system (i.e., provide a detailed discussion on how a fault on the non-Class 1E electrical circuit will not propagate to the Class 1E electrical circuit).
 - b) Describe the independence (e.g., electrical and physical separation) and redundancy of these systems.
 - c) Describe how these systems meet the single failure criterion.
 - d) Describe how the operators will be notified in the event that these systems and components would become inoperable (e.g., control room annunciators).
 - e) Describe any impacts on seismic qualifications of these systems and components.
2. Are any loads being added to the Oyster Creek emergency diesel generators (EDGs)? If so, describe how the loads being added to the EDGs affect the capability and capacity of the EDGs (e.g., describe the impact of the proposed change on the EDG ratings).
 3. Provide the loading sequence for each EDG at Oyster Creek. In your response, describe the changes that have been made to the EDG loading sequence to support this license amendment request (LAR).
 4. Provide a list and description of components being added to your Title 10 to the *Code of Federal Regulations* Section 50.49 (10 CFR 50.49) program due to this LAR. Confirm that these components are qualified for the environmental conditions they are expected to be exposed to.
 5. Are there any changes in the chemical composition of the chemical spray solution as a result of this LAR? If so, provide the chemical composition and provide a detailed evaluation to show the components are qualified for the environmental conditions they are expected to be exposed to. Also, describe, if any, changes in the operation of the chemical spray system and its impact on the environment.
 6. Confirm that Oyster Creek environmental qualification (EQ) analyses will continue to be based on Technical Information Document (TID)-14844, "Calculation of Distance Factors for Power and Test Reactor Sites" in the EQ program. Otherwise, provide the EQ analyses to support this LAR.