

PSEGSPeRAIPEm Resource

From: Clark, Phyllis
Sent: Thursday, February 23, 2012 6:25 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGSPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Segala, John; Silvia, Andrea; Roach, Kevin; Chowdhury, Prosanta; McLellan, Judith; Tammara, Seshagiri; Tammara, Seshagiri; Schaaf, Robert
Subject: PSEG Site ESPA Final RAI 53 (eRAI 6286) SRP-02.02.03 (RPAC-RSAC)
Attachments: PSEG Site ESPA Final RAI 53 (eRAI 6286).pdf

Please find attached RAI 53 for the PSEG Site ESP Application. A draft of the RAI was provided to you on February 3, 2012. On February 16, 2012, you requested via email for a clarification call on Question 02.02.03. Based on the clarification call on RAI 53 (eRAI 6286), conducted on February 21, 2012, the 2nd paragraph of the RAI was revised to read: "Please provide an evaluation of the potentially limiting chemical among those transported on the Delaware River with a maximum carried transport amount of 10,000,000 lbs (as bounding case), based on the guidance provided in RG 1.91 to calculate the minimum safe distance, **or provide justification on why it is not required.**" (added text in bold). No other changes were necessary. You informed via email on February 22, 2012, that based on the results of a clarification call on RAI 53 (eRAI 6286), conducted on February 21, 2012, we are issuing this RAI as final.

The schedule we have established for review of your application assumes technically correct and complete responses within 30 calendar days of receipt of RAIs. For any RAIs that cannot be responded to within 30 calendar days, it is expected that a date for receipt of this information will be provided to the staff within the 30-calendar day period so that the staff can assess how this information will impact the published schedule.

If you have any questions, please contact me.

P. Clark

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Hearing Identifier: PSEG_Site_EarlySitePermit_RAI
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Subject: PSEG Site ESPA Final RAI 53 (eRAI 6286) SRP-02.02.03 (RPAC-RSAC)
Sent Date: 2/23/2012 6:25:27 PM
Received Date: 2/23/2012 6:24:42 PM
From: Clark, Phyllis

Created By: Phyllis.Clark@nrc.gov

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MESSAGE	1619	2/23/2012 6:24:42 PM
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Options

Priority: Standard

Return Notification: No

Reply Requested: No

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Request for Additional Information No. 53

Application Revision 0

FINAL

2/23/2012

PSEG Site ESP

PSEG Power LLC, PSEG Nuclear LLC

Docket No. 52-043

SRP Section: 02.02.03 - Evaluation of Potential Accidents

Application Section: 2.2.3

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.02.03-2

RS-002 and RG 1.206 provide guidance regarding the information that is needed to ensure that the potential hazards in the site vicinity are identified and evaluated in order to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21.

In SSAR Section 2.2.3.2.2, the applicant evaluated liquid/vapor explosions due to vessels on the Delaware River. The applicant relied on data from industry databases to identify large chemical explosions and evaluated the explosion of a vessel containing an estimated 116 tons of methyl tertiary-butyl ether (MTBE) vapor. Please clarify the relevance of this chemical vapor as compared to the chemicals that are documented to be shipped during 2003-2007 on the Delaware River. Please provide an evaluation of the potentially limiting chemical among those transported on the Delaware River with a maximum carried transport amount of 10,000,000 lbs (as bounding case), based on the guidance provided in RG 1.91 to calculate the minimum safe distance, or provide justification on why it is not required.