

## **PSEGSPeRAIPEm Resource**

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**From:** Chowdhury, Prosanta  
**Sent:** Tuesday, February 07, 2012 11:12 AM  
**To:** 'PSEGRAIResponses@pseg.com'  
**Cc:** PSEGSPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Segala, John; Silvia, Andrea; Clark, Phyllis; Canova, Michael; McLellan, Judith; Tammara, Seshagiri; Schaaf, Robert; McCoppin, Michael  
**Subject:** PSEG Site ESPA FINAL RAI 49 (eRAI 6249) SRP-02.01.01 (RPAC-RSAC)  
**Attachments:** PSEG Site ESPA Final RAI 49 (eRAI 6249).pdf

Please find attached RAI 49 for the PSEG Site ESP Application. A draft of the RAI was provided to you on January 31, 2012. You informed via email on February 7, 2012, that you would not need a clarification call involving this specific RAI, and therefore, we are issuing this RAI as final with no changes made to it.

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.

Prosanta Chowdhury  
Project Manager  
Licensing Branch 1 (LB1)  
Division of New Reactor Licensing  
Office of New Reactors  
301-415-1647

**Hearing Identifier:** PSEG\_Site\_EarlySitePermit\_RAI  
**Email Number:** 105

**Mail Envelope Properties** (320204600EA7B9408FE833FF15E4FF7D7F5D91E8EB)

**Subject:** PSEG Site ESPA FINAL RAI 49 (eRAI 6249) SRP-02.01.01 (RPAC-RSAC)  
**Sent Date:** 2/7/2012 11:12:24 AM  
**Received Date:** 2/7/2012 11:13:12 AM  
**From:** Chowdhury, Prosanta

**Created By:** Prosanta.Chowdhury@nrc.gov

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**Post Office:** HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	973	2/7/2012 11:13:12 AM
PSEG Site ESPA Final RAI 49 (eRAI 6249).pdf	8997	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

Request for Additional Information No. 49

Application Revision 0

FINAL

2/07/2012

PSEG Site ESP

PSEG Power LLC, PSEG Nuclear LLC

Docket No. 52-043

SRP Section: 02.01.01 - Site Location and Description

Application Section: 2.1.1

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.01.01-3

10 CFR 100.21(c)(1) requires that site atmospheric dispersion characteristics must be evaluated and dispersion parameters established such that radiological effluent release limits associated with normal operation from the type of facility proposed to be located at the site can be met for any individual located offsite.

SSAR Subsection 2.1.1.3 addresses Boundaries for Establishing Effluent Release Limits. It is stated that the minimum distance from the center point to the site property line is 872 feet in the west direction. It implies that it is one of the site boundary receptor locations considered for dose evaluation. However, based on the response to the RAI No. 35, Question 02.03.05-04, although X/Q and D/Q values have been calculated for all 16 radial directions at the site boundary (including the site boundary location receptor addressed above at 872 feet in the west direction), sectors adjacent to the Delaware River (sectors SE to NW in clockwise direction) are not considered in the dose evaluations. Therefore, the applicant is requested to update the information in SSAR Subsection 2.1.1.3 for clarity and consistency.