

## PSEGSPeRAIPEm Resource

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**From:** Chowdhury, Prosanta  
**Sent:** Friday, May 06, 2011 1:51 PM  
**To:** 'PSEGRAIResponses@pseg.com'  
**Cc:** PSEGSPeRAIPEm Resource; 'David.Lewis2@pseg.com'; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Colaccino, Joseph; Silvia, Andrea; Clark, Phyllis; McLellan, Judith; Williams, Stephen; Roach, Edward  
**Subject:** PSEG Site ESPA FINAL RAI 24 (eRAI 5674) SRP-11.03 (CHPB)  
**Attachments:** PSEG Site ESPA Final RAI 24 (eRAI 5674).pdf

Please find attached RAI 24 for the PSEG Site ESP Application. A draft of the RAI was provided to you on April 29, 2011. You informed via email on May 6, 2011, 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  
EPR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors  
301-415-1647

**Hearing Identifier:** PSEG\_Site\_EarlySitePermit\_RAI  
**Email Number:** 54

**Mail Envelope Properties** (320204600EA7B9408FE833FF15E4FF7D57C1D13CE0)

**Subject:** PSEG Site ESPA FINAL RAI 24 (eRAI 5674) SRP-11.03 (CHPB)  
**Sent Date:** 5/6/2011 1:51:08 PM  
**Received Date:** 5/6/2011 1:51:08 PM  
**From:** Chowdhury, Prosanta

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

**Recipients:**

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	961	5/6/2011 1:51:08 PM
PSEG Site ESPA Final RAI 24 (eRAI 5674).pdf		9258

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Request for Additional Information No. 24

Application Revision 0

FINAL

5/06/2011

PSEG Site ESP  
PSEG Power LLC, PSEG Nuclear LLC  
Docket No. 52-043  
SRP Section: 11.03 - Gaseous Waste Management System  
Application Section: 11.3

QUESTIONS for Health Physics Branch (CHPB)

11.03-4

Please provide detailed information to enable the NRC staff to validate and verify the estimated gaseous effluent doses discussed in the applicant's ESP application, Section 11.3.3.2, "Gaseous Pathway Doses," with respect to the dose objectives of Appendix I to 10 CFR 50, and the dose limits in 10 CFR 20.1301(e).

The information should include the following:

- 1) A complete description of how the applicant derived all the values, including all assumptions made;
- 2) Citations to any reference material used (for documents not publicly available, please provide a copy for the NRC staff's use).
- 3) A detailed breakdown of individual doses and MEI doses by pathway and organ; and
- 4) A detailed breakdown of population doses by pathway and organ.
- 5) Provide the basis for all parameters and values used in the GASPARE code or equivalent calculation.
- 6) Provide the GASPARE code input/output files used to calculate the gaseous effluent doses.