

## **PSEGSPeRAIPEm Resource**

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**From:** Chowdhury, Prosanta  
**Sent:** Friday, April 29, 2011 11:03 AM  
**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 DRAFT RAI 24 (eRAI 5674) SRP-11.03 (CHPB)  
**Attachments:** PSEG Site ESPA Draft RAI 24 (eRAI 5674).doc

Please find attached DRAFT RAI No. 24 for the PSEG Site ESP application. You have ten working days to review this request and to decide whether you need a conference call to discuss it. Please notify me of your decision in this regard.

After the call, or after ten days, the RAI will be finalized and issued to you. You will then have 30 calendar days to respond. These durations are factored into your review schedule. If additional time is required to respond, please inform me of your proposed schedule to respond at your earliest opportunity.

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:** 47

**Mail Envelope Properties** (320204600EA7B9408FE833FF15E4FF7D57C08A7ADE)

**Subject:** PSEG Site ESPA DRAFT RAI 24 (eRAI 5674) SRP-11.03 (CHPB)  
**Sent Date:** 4/29/2011 11:03:04 AM  
**Received Date:** 4/29/2011 11:03:05 AM  
**From:** Chowdhury, Prosanta

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

**Recipients:**

"PSEGESPeRAIPEm Resource" <PSEGESPeRAIPEm.Resource@nrc.gov>  
Tracking Status: None  
"David.Lewis2@pseg.com" <David.Lewis2@pseg.com>  
Tracking Status: None  
"James.Mallon@pseg.com" <James.Mallon@pseg.com>  
Tracking Status: None  
"David.Robillard@pseg.com" <David.Robillard@pseg.com>  
Tracking Status: None  
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>  
Tracking Status: None  
"Silvia, Andrea" <Andrea.Silvia@nrc.gov>  
Tracking Status: None  
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>  
Tracking Status: None  
"McLellan, Judith" <Judith.McLellan@nrc.gov>  
Tracking Status: None  
"Williams, Stephen" <Stephen.Williams@nrc.gov>  
Tracking Status: None  
"Roach, Edward" <Edward.Roach@nrc.gov>  
Tracking Status: None  
"PSEGRAIResponses@pseg.com" <PSEGRAIResponses@pseg.com>  
Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	759	4/29/2011 11:03:05 AM
PSEG Site ESPA Draft RAI 24 (eRAI 5674).doc		30714

**Options**

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

Request for Additional Information No. 24

Application Revision 0

DRAFT

4/29/2011

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 GASPAR code or equivalent calculation.
- 6) Provide the GASPAR code input/output files used to calculate the gaseous effluent doses.