

PSEGSPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Friday, April 29, 2011 10:41 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 23 (eRAI 5673) SRP-11.02 (CHPB)
Attachments: PSEG Site ESPA Draft RAI 23 (eRAI 5673).doc

Please find attached DRAFT RAI No. 23 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
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Subject: PSEG Site ESPA DRAFT RAI 23 (eRAI 5673) SRP-11.02 (CHPB)
Sent Date: 4/29/2011 10:41:10 AM
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From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

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PSEG Site ESPA Draft RAI 23 (eRAI 5673).doc		30714

Options

Priority: Standard
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Request for Additional Information No. 23

Application Revision 0

DRAFT

4/29/2011

PSEG Site ESP
PSEG Power LLC, PSEG Nuclear LLC
Docket No. 52-043
SRP Section: 11.02 - Liquid Waste Management System
Application Section: 11.2

QUESTIONS for Health Physics Branch (CHPB)

11.02-3

Please provide detailed information to enable the NRC staff to validate and verify the estimated liquid effluent doses discussed in the applicant's ESP application, Section 11.2.3.2, "Liquid 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 LADTAP II code or equivalent calculation.
- 6) Provide the LADTAP II code input/output files used to calculate the liquid effluent doses.