

PSEGESPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Tuesday, January 31, 2012 11:20 AM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGESPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Segala, John; Silvia, Andrea; Clark, Phyllis; McLellan, Judith; Tammara, Seshagiri; Schaaf, Robert
Subject: PSEG Site ESPA DRAFT RAI 49 (eRAI 6249) SRP-02.01.01 (RPAC-RSAC)
Attachments: PSEG Site ESPA Draft RAI 49 (eRAI 6249).doc

Please find attached DRAFT RAI No. 49 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
Licensing Branch 1 (LB1)
Division of New Reactor Licensing
Office of New Reactors
301-415-1647

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From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

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Options

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Request for Additional Information No. 49

Application Revision 0

DRAFT

1/31/2012

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.