

PSEGSPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Friday, February 10, 2012 1:45 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGSPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Segala, John; Silvia, Andrea; Roach, Kevin; Clark, Phyllis; Canova, Michael; McLellan, Judith; Tammara, Seshagiri; Schaaf, Robert; McCoppin, Michael
Subject: PSEG Site ESPA FINAL RAI 54 (eRAI 6287) SRP-02.02.03 (RPAC-RSAC)
Attachments: PSEG Site ESPA Final RAI 54 (eRAI 6287).pdf

Please find attached RAI 54 for the PSEG Site ESP Application. A draft of the RAI was provided to you on February 3, 2012. You informed via email on February 10, 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: 111

Mail Envelope Properties (320204600EA7B9408FE833FF15E4FF7D7F5D91E915)

Subject: PSEG Site ESPA FINAL RAI 54 (eRAI 6287) SRP-02.02.03 (RPAC-RSAC)
Sent Date: 2/10/2012 1:44:36 PM
Received Date: 2/10/2012 1:44:36 PM
From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

Recipients:

"PSEGESPeRAIPEm Resource" <PSEGESPeRAIPEm.Resource@nrc.gov>
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
"Segala, John" <John.Segala@nrc.gov>
Tracking Status: None
"Silvia, Andrea" <Andrea.Silvia@nrc.gov>
Tracking Status: None
"Roach, Kevin" <Kevin.Roach@nrc.gov>
Tracking Status: None
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>
Tracking Status: None
"Canova, Michael" <Michael.Canova@nrc.gov>
Tracking Status: None
"McLellan, Judith" <Judith.McLellan@nrc.gov>
Tracking Status: None
"Tammara, Seshagiri" <Seshagiri.Tammara@nrc.gov>
Tracking Status: None
"Schaaf, Robert" <Robert.Schaaf@nrc.gov>
Tracking Status: None
"McCoppin, Michael" <Michael.McCoppin@nrc.gov>
Tracking Status: None
"PSEGRAIResponses@pseg.com" <PSEGRAIResponses@pseg.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	974	2/10/2012 1:44:36 PM
PSEG Site ESPA Final RAI 54 (eRAI 6287).pdf		34231

Options

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

Request for Additional Information No. 54

Application Revision 0

FINAL

2/10/2012

PSEG Site ESP

PSEG Power LLC, PSEG Nuclear LLC

Docket No. 52-043

SRP Section: 02.02.03 - Evaluation of Potential Accidents

Application Section: 2.2.3

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.02.03-3

RS-002 and RG 1.206 provide guidance regarding the information that is needed to ensure that the potential hazards in the site vicinity are identified and evaluated in order to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21.

In SSAR Section 2.2.3.2.2, the applicant evaluated explosions due to solid explosives. The applicant states that "a probability analysis similar to the one presented in Subsection 2.2.3.2.1 is used to determine the number of allowable trips of solid explosive." The probability analysis referenced is based on liquid spill rates and sizes. Data pertaining to solid explosives is not presented. Please provide details regarding data used in the probabilistic analysis of solid explosive hazards, including quantities and shipment frequencies in determining the total number of trips of all solid explosive materials.