

PSEGESPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Tuesday, October 25, 2011 2:23 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGESPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Colaccino, Joseph; Silvia, Andrea; Clark, Phyllis; McLellan, Judith; Tammara, Seshagiri; Schaaf, Robert
Subject: PSEG Site ESPA DRAFT RAI 40 (eRAI 6145) SRP-03.05.01.06 (RSAC)
Attachments: PSEG Site ESPA Draft RAI 40 (eRAI 6145).doc

Please find attached DRAFT RAI No. 40 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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Sent Date: 10/25/2011 2:23:08 PM
Received Date: 10/25/2011 2:23:10 PM
From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

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PSEG Site ESPA Draft RAI 40 (eRAI 6145).doc		31226

Options

Priority: Standard

Return Notification: No

Reply Requested: No

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Recipients Received:

Request for Additional Information No. 40

Application Revision 0

DRAFT

10/25/2011

PSEG Site ESP
PSEG Power LLC, PSEG Nuclear LLC
Docket No. 52-043
SRP Section: 03.05.01.06 - Aircraft Hazards
Application Section: 3.5.1.6

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

03.05.01.06-1

RG 1.206 and NUREG-0800 provide guidance regarding the information that is needed to ensure potential hazards in the site vicinity are identified and evaluated to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21. The staff identified low-level military training routes (MTRs) SR800, SR805, SR844, SR845, SR846, and SR847 near the PSEG site, which are not addressed in the SSAR Section 2.2.2.7.2 and Section 3.5.1.6.

1. Please provide information in the SSAR to address and include these training routes in the aircraft hazards evaluation.
2. Discuss whether there would be any change in the calculation of the aircraft crash probability determinations.
3. Please provide the calculations for the Effective Areas (sq.mi.) presented in Table 3.5-4 of SSAR Section 3.5.1.6.
4. Please provide with references, the aircraft conditional core damage probability (CCDP) for each of the technologies used to determine the core damage frequency (CDF) for each technology considered.