

## PSEGSPeRAIPEm Resource

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**From:** Chowdhury, Prosanta  
**Sent:** Thursday, April 14, 2011 4:09 PM  
**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; Keim, Andrea; Rasmussen, Richard  
**Subject:** PSEG Site ESPA FINAL RAI 19 (eRAI 5616) SRP-17.5 (CQVB)  
**Attachments:** PSEG Site ESPA Final RAI 19 (eRAI 5616).pdf

Please find attached RAI 19 for the PSEG Site ESP application. A telecon was held on April 13, 2011, to provide clarification on Questions 17.5-1, 17.5-2, and 17.5-3 (of the DRAFT RAI), as requested by PSEG. As a result of the discussion, the following changes were made: (i) Question 17.5-2 was deleted, (ii) regulatory citation in Questions 17.5-1 and 17.5-3 was corrected to read 10 CFR 52.17(a)(1)(xi); (iii) the SRP subsection reference in the first sentence of the second paragraph of Question 17.5-3 was corrected to read "Subsection B," and (v) the last paragraph of Question 17.5-3 was replaced with new text. No other changes were necessary, and therefore, we are issuing this RAI as final.

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  
EPR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors  
301-415-1647

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**Received Date:** 4/14/2011 4:09:23 PM  
**From:** Chowdhury, Prosanta

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

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PSEG Site ESPA Final RAI 19 (eRAI 5616).pdf		28502

**Options**

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**Recipients Received:**

Request for Additional Information No. 19  
Application Revision 0

FINAL

4/14/2011

PSEG Site ESP  
PSEG Power LLC, PSEG Nuclear LLC  
Docket No. 52-043

SRP Section: 17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit  
and New License Applicants  
Application Section: Enclosure-QAPD

QUESTIONS for Quality and Vendor Branch 2 (ESBWR/ABWR) (CQVB)

17.5-1

10 CFR 52.17(a)(1)(xi) requires an Early Site Permit applicant to include a QAPD which satisfies applicable portions of Appendix B to 10 CFR Part 50.

By letter dated May 25, 2010, the applicant submitted its Quality Assurance Program Document for the Early Site Permit Application for the PSEG Site. In Part IV "Regulatory Commitments" the applicant states for Regulatory Guide 1.28, "PSEG identifies conformance and exceptions for the applicable regulatory position guidance provided in this regulatory guide in QAPD Part II, Sections 2.8, 7.1, 17.1, and 18.2." Section 2.8 does not exist and Sections 7.1 and 18.2 do not mention the regulatory guide.

Please clarify the applicant's conformance and exceptions for the applicable regulatory position guidance provided in RG 1.28 in the QAPD in Part II, Sections 2.8, 7.1 and 18.2, as appropriate.

17.5-2 – Question deleted

17.5-3

10 CFR 52.17(a)(1)(xi) requires an Early Site Permit applicant to include a QAPD which satisfies applicable portions of Appendix B to 10 CFR Part 50.

SRP Section 17.5, Part II, Subsection B, "Quality Assurance Program" states that the QAPD includes criteria used to identify items and activities to which the QA program applies. A list of structures, systems, and components (SSCs) and /or activities under the control of the QA program is required to be established and maintained at the applicant's or holder's facility.

The applicant's QAPD is based on Nuclear Energy Institute (NEI) 06-14A, Revision 8, which was conditionally endorsed by an NRC SER dated July 13, 2010. NEI 06-14A states that for ESP applications, the QAPD applies to those applicant activities that can affect either directly or indirectly the safety-related site characteristics or analysis of

those characteristics. In addition, the QAPD applies to engineering activities that are used to characterize the site or analyze that characterization.

Please clarify how, when, and where the list of SSCs and/or activities is established and maintained during the ESP Process.