

PSEGSPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Tuesday, May 10, 2011 10:38 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; Caverly, Jill; Giacinto, Joseph; Raione, Richard
Subject: PSEG Site ESPA FINAL RAI 25 (eRAI 5710) SRP-02.04.01 (RHEB)
Attachments: PSEG Site ESPA Final RAI 25 (eRAI 5710).pdf

Please find attached RAI 25 for the PSEG Site ESP Application. A draft of the RAI was provided to you on April 29, 2011. You informed via email on May 6, 2011, 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; however, you informed us via email on May 6, 2011, and clarified further on a follow-up phone call on May 10, 2011, that the response to RAI 25, Question 02.04.01-1 would require running of additional cases, as well as the assembly of a large number of files, and requested that the RAI response due date be 45 days from the issuance of the Final RAI, instead of the normal 30 days. After discussing this request with the involved staff, we concluded that a 45-day response period is acceptable for this RAI. As our standard practice, we will assess any impact the additional response time may have on the review schedule. If this RAI cannot be responded to within 45 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

Hearing Identifier: PSEG_Site_EarlySitePermit_RAI
Email Number: 55

Mail Envelope Properties (320204600EA7B9408FE833FF15E4FF7D57C1CEA9E2)

Subject: PSEG Site ESPA FINAL RAI 25 (eRAI 5710) SRP-02.04.01 (RHEB)
Sent Date: 5/10/2011 10:37:55 AM
Received Date: 5/10/2011 10:37:57 AM
From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

Recipients:

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"James.Mallon@pseg.com" <James.Mallon@pseg.com>
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Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1583	5/10/2011 10:37:57 AM
PSEG Site ESPA Final RAI 25 (eRAI 5710).pdf		9622

Options

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

Request for Additional Information No. 25

Application Revision 0

FINAL

5/10/2011

PSEG Site ESP
PSEG Power LLC, PSEG Nuclear LLC
Docket No. 52-043
SRP Section: 02.04.01 - Hydrologic Description
Application Section: 2.4.1

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04.01-1

NUREG-0800, Standard Review Plan (SRP), Chapter 2, Section 2.4.1, 'Hydrologic Description,' establishes guidance that the NRC staff use to evaluate whether an application meets the NRC's regulation in 10 CFR 100.20(c) and 10 CFR 52.79.

Staff has reviewed the PSEG SSAR Section 2.4.1. Much of the discussion in this section as well as throughout the other sub-sections of Chapter 2.4 is based on the results of HEC-HMS and HEC-RAS modeling. In order to verify the results of the modeling, staff requests that the applicant provide all HEC-HMS and HEC-RAS input and output files, including DSS files, DEM files, and any GIS files used to provide rationale for the input parameters used.

02.04.01-2

NUREG-0800, Standard Review Plan (SRP), Chapter 2, Section 2.4.1, 'Hydrologic Description,' establishes guidance that the NRC staff use to evaluate whether an application meets the NRC's regulations.

Staff has reviewed the PSEG SSAR and identified that throughout Chapter 2.4 sections, data are provided in text and tables using multiple datum and temporal information. Some tables show datum conversions without discussion of how the conversion was performed. The staff cannot be confident of confirmatory analyses without knowing what data were used and what conversions were performed.

Staff requests that the applicant provide corrected elevation, datum, datum conversion procedures, time period information, and gaging station identification for all surface water records discussed in the SSAR.