PSEGESPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Wednesday, January 18, 2012 3:32 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGESPeRAIPEm Resource; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Segala, John; Silvia, Andrea; Clark, Phyllis; McLellan, Judith; Quinlan, Kevin; Hatchett, Gregory
Subject: PSEG Site ESPA DRAFT RAI 48 (eRAI 6226) SRP-02.03.01 (RHMB-RSAC)
Attachments: PSEG Site ESPA Draft RAI 48 (eRAI 6226).doc

Please find attached DRAFT RAI No. 48 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

Hearing Identifier: PSEG_Site_EarlySitePermit_RAI
Email Number: 96

Mail Envelope Properties (320204600EA7B9408FE833FF15E4FF7D7F5B720FDF)

Subject: PSEG Site ESPA DRAFT RAI 48 (eRAI 6226) SRP-02.03.01 (RHMB-RSAC)
Sent Date: 1/18/2012 3:31:53 PM
Received Date: 1/18/2012 3:31:57 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
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>
Tracking Status: None
"McLellan, Judith" <Judith.McLellan@nrc.gov>
Tracking Status: None
"Quinlan, Kevin" <Kevin.Quinlan@nrc.gov>
Tracking Status: None
"Hatchett, Gregory" <Gregory.Hatchett@nrc.gov>
Tracking Status: None
"'PSEGRAIResponses@pseg.com'" <PSEGRAIResponses@pseg.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	769	1/18/2012 3:31:57 PM
PSEG Site ESPA Draft RAI 48 (eRAI 6226).doc	31226	

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

Request for Additional Information No. 48

Application Revision 0

DRAFT

1/18/2012

PSEG Site ESP
PSEG Power LLC, PSEG Nuclear LLC
Docket No. 52-043
SRP Section: 02.03.01 - Regional Climatology
Application Section: Regional Climatology

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.01-7

[Follow up to RAI 14, Question 02.03.01-2]

10 CFR 52.17(a)(1)(vi) states, in part, that ESP applicants must identify the meteorological characteristics of the proposed site with appropriate consideration of the most severe of the natural phenomena that have been historically reported for the site and surrounding area and with sufficient margin for the limited accuracy, quantity, and period of time in which the historical data have been accumulated.

In response to RAI 14, Question 02.03.01-2, PSEG committed to updating the SSAR to include a discussion in accordance with the Interim Staff Guidance (ISG) DC/COL-ISG-07, "Interim Staff Guidance on Assessment of Normal and Extreme Winter Precipitation Loads on the Roofs of Seismic Category I Structures" (ML081990438). The NRC staff has reviewed the response and has determined that PSEG's response and associated SSAR markups did not include the normal and extreme winter precipitation loads specified in the ISG.

Expand the list of site characteristics presented in SSAR Table 2.0-1 to include site characteristic values that correspond to the normal and extreme winter precipitation site parameter values contained in the design control documents (DCDs) for the reactor designs that are referenced in SSAR Section 1.2.2 (i.e., the U.S. EPR, ABWR, US-APWR, and AP1000 reactor designs). Normal and extreme winter precipitation loads should be determined in accordance with the guidance provided in the DC/COL-ISG-07.