

PSEGESPEenveRAIPEm Resource

From: Fetter, Allen
Sent: Monday, June 17, 2013 2:41 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGESPEenveRAIPEm Resource; Robillard, David L; 'Mallon, James'; Saulsbury, Bo; Zimmerman, Gregory P.
Subject: PSEG Site ESPA Final RAI Env-02S (eRAI_6972)
Attachments: PSEG Site ESPA Final RAI Env-02S (eRAI_6972).pdf

Please find attached supplemental RAI (Env-02S) pertaining to transmission lines for the environmental review of the PSEG Site ESP application. Based on our clarification call today (6/17/2013), the draft version of this RAI is clear; hence no changes have been made and the RAI is being issued as final

Please note that the RAI in the attached file has been assigned a letter number with a suffix (S) that will allow it to be tracked back to the original RAI (Env-02). A unique e-RAI identifying number (eRAI 6972) distinguishes this specific supplemental RAI from the original RAI as well.

The schedule we have established to the 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-day period so that the staff can assess how this information might impact the published schedule.

Please contact me if you have any questions.

Allen H. Fetter, Project Manager
US Nuclear Regulatory Commission
Office of New Reactors
Division of New Reactor Licensing
Environmental Projects Branch 2
Washington, D.C.

301-415-8556 (Office)
301-832-4909 (Mobile)

Hearing Identifier: PSEG_Site_EarlySitePermit_Env_RAI
Email Number: 30

Mail Envelope Properties (4AD1A659C92C8546AA34BFB9D10564E479A03A029C)

Subject: PSEG Site ESPA Final RAI Env-02S (eRAI_6972)
Sent Date: 6/17/2013 2:40:40 PM
Received Date: 6/17/2013 2:40:41 PM
From: Fetter, Allen

Created By: Allen.Fetter@nrc.gov

Recipients:

"PSEGESPEenveRAIPEm Resource" <PSEGESPEenveRAIPEm.Resource@nrc.gov>
Tracking Status: None
"Robillard, David L" <David.Robillard@pseg.com>
Tracking Status: None
"Mallon, James" <James.Mallon@pseg.com>
Tracking Status: None
"Saulsbury, Bo" <saulsburyjw@ornl.gov>
Tracking Status: None
"Zimmerman, Gregory P." <zimmernangp@ornl.gov>
Tracking Status: None
"PSEGRAIResponses@pseg.com" <PSEGRAIResponses@pseg.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1346	6/17/2013 2:40:41 PM
PSEG Site ESPA Final RAI Env-02S (eRAI_6972).pdf		79572

Options

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

Request for Additional Information Env-02S

Issue Date: 6/17/2013

Application Title: PSEG Site ESP Environmental Review - Docket 52-043

Operating Company: PSEG Power LLC, PSEG Nuclear LLC

Docket No. 52-043

Review Section: ESP EIS 2.2 - Land Use

Application Section: ER

QUESTIONS

ESP EIS 2.2-11

rTL-03S: The application provided two macro-corridors and stated: "As stated in Chapter 1, PSEG is evaluating whether additional off-site transmission may be necessary for transmission stability, but the location and need have not yet been determined. In order to capture the potential effects of developing off-site transmission, PSEG analyzed the potential effects of two new off-site macro-corridors. No decision has been made as to the selection of the macro-corridor or the specific route within the selected macro-corridor, but two macro-corridor alternatives have been preliminarily considered and are discussed in detail in Subsection 9.4.3. The two 5-mile-wide macro-corridors analyzed are the South and West Macro-Corridors." PJM Interconnection, LLC is responsible for the grid and associated transmission lines.

Based on the above statement, it is unclear to the NRC staff if the transmission lines are reasonably foreseeable for the early site permit application. In the context of NEPA, a reasonably foreseeable impact is commonly understood as an impact that is sufficiently likely to occur that a person of ordinary prudence would take it into account in reaching a decision, as opposed to an impact that is merely possible or speculative.

If transmission lines are reasonably foreseeable, provide available information regarding PJM Interconnection LLC's estimated building timeframe for the transmission lines and their purpose (i.e., whether PJM is building them for grid stability and/or to relieve congestion on the grid, or whether they are being built for the sole purpose of connecting the PSEG ESP site to the grid.)

Supporting Information:

In Section 3.7.2 of the environmental report (ER), PSEG states: To support the new plant, one additional offsite transmission line may be required for transient stability purposes. Formal PJM analyses are required to fully identify the requisite transmission system upgrades that are necessary to accommodate a new nuclear plant at the PSEG Site. These PJM analyses have not been initiated, but formal entry into the PJM generation queue and commencement of these analyses is anticipated when a reactor technology is selected.