

PSEGESPEnveRAIPEm Resource

From: Fetter, Allen
Sent: Friday, December 20, 2013 1:46 PM
To: 'PSEGRAIResponses@pseg.com' (PSEGRAIResponses@pseg.com); Robillard, David L (David.Robillard@pseg.com); 'Mallon, James' (James.Mallon@pseg.com)
Cc: PSEGESPEnveRAIPEm Resource; Bonner, Edward E NAP (Edward.E.Bonner@usace.army.mil); Bellacima, Bryan P NAP (Bryan.P.Bellacima@usace.army.mil); Saulsbury, James(saulsburyjw@ornl.gov); Zimmerman, Gregory P. (zimmermangp@ornl.gov); Quinlan, Kevin; 'Chang, Youngsoo' (changy@anl.gov)
Subject: PSEG Ste ESPA Draft Supplemental RAI Env-08S (eRAI_7369)
Attachments: PSEG Site ESPA Draft Supplemental RAI Env-08S (eRAI_7369).pdf

Please find attached a draft supplemental RAI for information needed for the meteorology and air quality portion of the environmental review of the PSEG Site ESP application, and to support the preparation of a general conformity determination by the US Army Corps of Engineers, Philadelphia District.

Please note that the draft RAI in the attached file have been assigned a letter number with a suffix (S) that will allow it to be tracked back to the original RAI (Env-08). A unique e-RAI identifying number (eRAI 7369) will be used to distinguish the supplemental RAI from the original RAI as well.

You have ten working days to review this draft supplemental RAI and to decide whether you need a conference call to clarify any of portion of the RAI. After the call, or after ten days, NRC will finish processing the RAI through the eRAI system and issue it to you as a final RAI. Subsequent their receipt, you will then have 30 calendar days to respond.

If you have any questions, please contact me.

Allen H. Fetter, Project Manager
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Office of New Reactors
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Subject: PSEG Ste ESPA Draft Supplemental RAI Env-08S (eRAI_7369)
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From: Fetter, Allen

Created By: Allen.Fetter@nrc.gov

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Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
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Draft Request for Additional Information Env-08S

Issue Date: 12/20/2013

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 2.9 - Meteorology and Air Quality

Application Section: ER

QUESTIONS

ESP EIS 2.9-2

rMET-09SA (**Corps***): Provide detailed estimates of ozone precursor (NO_x and VOC) emissions and PM_{2.5} associated with activities for which permits from the Army Corps of Engineers, Philadelphia District will be required at the PSEG Site for use in a general conformity determination.

Supporting Information: 40 CFR 81.331 lists Salem county as a nonattainment area for the 2008 8-hour ozone NAAQS. New Castle County, Delaware, located near the PSEG site, is in nonattainment for the PM_{2.5} NAAQS (40 CFR 81.308). 40 CFR Part 93 Subpart B requires a Federal agency to make a determination that a Federal action conforms to the applicable implementation plan in a nonattainment or maintenance area. Emission estimates are the basis for the general conformity determination. Provide a detailed estimate of ozone precursor (NO_x and VOC) emissions and PM_{2.5} emissions associated with activities for which permits from the Army Corps of Engineers, Philadelphia District, will be required at the PSEG Site for the purpose of supporting the general conformity determination. Major site preparation activities proposed by PSEG are expected to involve dredge and fill operations associated with building of a causeway and building of intake/outfall structures.

***RAI issued on behalf the US Army Corps of Engineers, Philadelphia District.**

ESP EIS 2.9-3

rMET-09SB: Provide all electronic input and output files used in SACTI (Seasonal/Annual Cooling Tower Impact) modeling, along with supporting onsite meteorological data files.

Supporting Information: Under ESRP 5.3.3, the following cooling tower data or information should be obtained:

These data are required by the NRC staff to perform independent evaluations and assessments of potential impacts of heat dissipation on the atmosphere.