

PSEGESPEenveRAIPEm Resource

From: Fetter, Allen
Sent: Friday, August 31, 2012 9:43 AM
To: PSEGRAIResponses@pseg.com
Cc: PSEGESPEenveRAIPEm Resource; Robillard, David L; Mallon, James; Hsia, Anthony; Silvia, Andrea; Saulsbury, James; Zimmerman, Gregory P.
Subject: PSEG Site ESPA Final RAI Env-09 (eRAI_6737)
Attachments: PSEG Site ESPA Final RAI Env-09 (eRAI_6737).pdf

Please find attached RAI Env-09 for the PSEG Site ESP Application. The Env-09 RAI is an aggregate of the rNRH draft RAIs that were provided to you on July 20, 2012 as part of a complete table of draft RAIs. There were no requests for clarification on the rNRH draft RAIs; hence we are issuing this RAI as final.

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.

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From: Fetter, Allen

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Options

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Request for Additional Information Env-09

Issue Date: 8/31/2012

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 4.8 - Nonradiological Health Impacts

Application Section: ER

QUESTIONS

ESP EIS 4.8-1

rNRH-01: Provide details on construction worker health (i.e., injury rate) during activities associated with constructing the new reactors and supporting facilities. Provide references for PSEG construction worker injury rates and health and safety plans. Likewise, provide data on construction worker health (i.e., injury rate) during construction of the proposed causeway.

Supporting Information: ESRP 4.4.1 - obtain information and data to assess impacts associated with plant construction.

ER Section 4.4.1.1.2 describes the construction activities, number of workers, and skill sets needed for construction of the new plant and the proposed causeway, but does not provide construction worker injury rates. Additional information is needed with regard to PSEG construction worker injury rates and health and safety plans to aid in determining impacts to worker health during construction activities.

ESP EIS 4.8-2

rNRH-02: Provide details on industrial hygiene maintenance procedures and monitoring of cooling towers and cooling tower waters for thermophilic microorganisms for potential exposure to on-site workers. Relevant information should include discussions of PPE and procedures for cooling tower maintenance/biocide treatments.

Supporting Information: ESRP 5.3.4 – obtain information and data to evaluate human health impacts associated with the plant's cooling system, including impacts from thermophilic microorganisms.

ER Section 4.4.1.1.2 describes the cooling towers and cooling tower water discharge but does not include PSEG-specific information on maintenance/sampling procedures for thermophilic microorganisms in cooling water towers and associated waters. The ER does not provide industrial hygiene procedures or data on monitoring of cooling water towers or associated water to aid in determining human health impacts. Additional information is needed with regard to monitoring of cooling water towers and associated water to aid in determining impacts to worker health.

ESP EIS 4.8-3

rNRH-07: Provide data on the incidence rates of worker injuries associated with operation of HCGS and SGS. Provide references for PSEG occupational injury rates and PSEG operational health and safety plans.

Supporting Information: ESRP 5.8.1 and 5.10 – obtain information and data to assess impacts associated with plant operation and evaluate measures and controls to limit adverse impact during plant operation.

ER Section 5.8.2 describes the workforce and skill sets needed for plant operation as well as measures and controls to limit adverse impacts, but does not provide PSEG occupational worker injury rates. Additional information on PSEG occupational worker injury rates and health and safety plans is needed to aid in determining impacts to worker health as the result of new plant operation.

ESP EIS 4.8-4

rNRH-11: Provide details on non-radiological health risks as part of the criteria used in identifying and selecting the proposed site and the alternative sites. Provide in detail the assessment of non-radiological health risks for each candidate site.

Supporting Information: ESRP 9.3 – obtain data and information needed to evaluate non-radiological health risks as one of the criteria in the site selection process for the new plant.

The alternative site evaluation in ER Section 9.3 does not address non-radiological health risks as a criterion in the evaluation of the proposed and alternative sites as part of the site selection process. Information for the assessment of non-radiological health risks for each candidate site is needed.