

## **PSEGESPEnveRAIPEm Resource**

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**From:** Fetter, Allen  
**Sent:** Friday, August 31, 2012 9:18 AM  
**To:** PSEGRAIResponses@pseg.com  
**Cc:** PSEGESPEnveRAIPEm Resource; Robillard, David L; Mallon, James; Hsia, Anthony; Silvia, Andrea; Saulsbury, James; Zimmerman, Gregory P.  
**Subject:** PSEG Site ESPA Final RAI Env-06 (eRAI\_6734)  
**Attachments:** PSEG Site ESPA Final RAI Env-06 (eRAI\_6734).pdf

Please find attached RAI Env-06 for the PSEG Site ESP Application. The Env-06 RAI is an aggregate of the rSOC draft RAIs that were provided to you on July 20, 2012 as part of a complete table of draft RAIs. At your request, a clarification discussion of rSOC-03, rSOC-6, rSOC-07, rSOC-26 and rSOC-28 was held on August 9, 2012. A 45 day response time was requested for rSOC-06, rSOC-07, rSOC-26 and rSOC-28, which was accepted. Minor edits were made to rSOC owing to concerns about proprietary information. No other changes are necessary; 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 (except for rSOC-06, rSOC-07, rSOC-26 and rSOC-28), 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  
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**Received Date:** 8/31/2012 9:18:10 AM  
**From:** Fetter, Allen

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**Options**

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**Request for Additional Information Env-06**

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 2.5 - Socioeconomics

Application Section: ER

QUESTIONS

ESP EIS 2.5-1

rSOC-01: For the most recent outage at SGS/HCGS, provide the number and type (construction crafts) of outage workers by county or zip code of their permanent residences from inside and outside the ROI.

Supporting Information: ESRP Section 2.5.2 directs the staff to find information related to the area's economic and employment characteristics. ESRP Section 4.4.2 directs the staff to predict "the number of workers originating from within the region and the number of in-migrants." ESRP Section 4.4.2 also directs the staff to estimate the number of "construction force in-migrants, and predict their temporal and geographic distribution."

The ER provides estimates for in-migrating workers based on the operations workforce at SGS and HCGS. However, discussions with the applicant at the Environmental Site Audit indicated that the residential distribution of the construction workforce for the new plant would likely be more accurately represented by the distribution of workers in recent outages at SGS/HCGS than by the distribution of operational workers at the stations.

ESP EIS 2.5-2

rSOC-03: Provide housing data from the 2010 Census and most recent *American Community Survey* estimates regarding the sales and rental market in the region, number and types of units, turnover and vacancy rates, and trends in addition to housing stock, and adequacy of structures. Provide updated housing data for ER Section 2.5.2.4.

Supporting Information: ESRP Section 2.5.2 directs the staff to obtain "housing information, including the sales and rental market in the region, number and types of units, turnover and vacancy rates, and trends..." The housing information in the ER describes the environment that existed before the major changes in the national housing market that began in 2007. An adequate assessment of the housing impacts of the proposed project requires more current data.

ESP EIS 2.5-3

rSOC-06: Provide updated Census Block Group population information for minority and low-income populations using the 2010 Census data, *American Community Survey*, and/or other current sources. Provide updated environmental justice minority population information for ER Section 2.5.4, including maps.

Supporting Information:

ESRP Section 2.5.4 directs the staff to obtain "a general description (with maps) of the location of all minority and low-income populations within the environmental impact area of each alternative site..." The data in the ER are from the 2000 Census and 2005-2007 *American Community Survey* estimates. An adequate assessment of environmental justice impacts of the proposed project requires more current data.

#### ESP EIS 2.5-4

rSOC-07: (a) Provide a plant parameter envelope estimate of the number of boilermakers and iron workers expected to be employed for plant construction and the months during the construction period when they would be onsite; and (b) provide a clear statement regarding the relation between the timing of construction of the proposed causeway and construction of the proposed power plant (i.e., whether causeway construction will be completed before construction of the power plant begins).

Supporting Information: ESRP Section 2.5.2 directs the staff to find information related to the area's economic and employment characteristics. ESRP Section 4.4.2 directs the staff to "estimate the annual construction labor force requirements..." and "...where necessary, determine these requirements for the major construction crafts, using standard craft categories." (a) The ER (Section 4.4.2.1) indicates that sufficient boilermakers and iron workers are not likely to be available within the region and that most of these construction workers are likely to relocate from outside the region. An estimate of the number and timing of these workers is needed to fully assess the impacts associated with project construction employment. (b) The ER does not clearly state when, in relation to potential plant construction, the proposed causeway would be built (see ER Sections 2.5.2.10.1 and 4.4.2). Additional information regarding timing is needed to assess traffic and related impacts.

#### ESP EIS 2.5-5

rSOC-11: Provide documentation describing how the applicant would participate in implementing potential roadway improvement mitigation measures identified in ER Section 4.4.1.5 to reduce construction traffic impacts.

Supporting Information: ESRP Section 4.4.2 directs the staff to identify and assess potential mitigation measures. ESRP Section 4.4.2 also directs the staff to analyze where the applicant has some control or "...little to no control over alternatives to mitigate impacts that in the reviewer's judgment are adverse..." The ER identifies mitigation measures, but does not clarify the extent to which the applicant has control regarding them. Roadway improvements are typically implemented and funded by state and local governments (with possible federal funding assistance). Additional rationale is needed to support the assertion in the ER that identified roadway improvements to alleviate impacts of construction traffic would be mitigation measures rather than fiscal impacts on local and state governments.

#### ESP EIS 2.5-6

rSOC-14: Provide estimates of the amounts of recyclable and non-recyclable wastes that would be generated during project construction and operation and the current and projected unused capacities of recycling facilities and landfills that would likely accept these wastes.

Supporting Information: ESRP Sections 4.4.2 and 5.8.2 direct the staff to estimate "the physical demands placed by plant construction [and operation] on local public facilities and services compared with available facilities and services." The ER does not include such information regarding waste recycling and disposal impacts.

#### ESP EIS 2.5-7

rSOC-20: (a) Place in the docket the document:

*Subsistence Living in the Vicinity of Salem and Hope Creek Nuclear Generating Stations*, Tetra Tech NUS, Inc, February 18, 2010.

(b) Provide documentation of PSEG's participation with Salem County under the Neighborhood Reinvestment Act and PSEG's support for local/regional programs to train potential workers at existing and potential new power plants.

Supporting Information: (a) ESRP Section 2.5.4 directs the staff to provide “a brief description of the overall results and adequacy of any surveys (archival or field) that were conducted by the applicant.” ESRP Sections 4.4.3 and 5.8.3 call on staff to evaluate the result of any additional outreach. The requested document provides evidence of outreach to identify subsistence and other environmental justice populations in the area affected by construction and operation of the potential new power plant and pertinent information about those populations. It is recognized that names and other personally identifying information may need to be redacted before the report is placed in the docket.

(b) ESRP Sections 4.4.3 and 5.8.3 direct the staff to assess the degree to which each minority and low-income population is disproportionately receiving either adverse impacts or benefits compared with the general population and, if necessary, “discuss any mitigative measures for which credit is being taken to reduce environmental justice concerns”. The requested information is needed to support the ER’s conclusions that economic benefits of the proposed project would be proportionately available to low income and minority populations. While these programs were verbally described during the Environmental Site Audit, documentation is needed so that the programs can be evaluated in the EIS.

#### ESP EIS 2.5-8

rSOC-22: Place in the docket the table “Calculation of Multipliers for Section 10.4 Based on 2006 NEI Report” from VAL 10.4.1.3-001.

Supporting Information: ESRP Sections 4.4.2 and 5.8.2 direct the staff to “identify and analyze components of the regional and community social, political, and economic systems that would be potentially impacted and “determine by jurisdiction the tax revenues derived from construction [and operation].” The ER discusses this qualitatively. The requested table provides estimates of construction and operations expenditures by county, which are needed to quantifiably assess the project’s fiscal and economic impacts.

#### ESP EIS 2.5-9

rSOC-25: Place in the docket the figure “Salem, NJ Environmental Justice Block Groups and Traffic Network” PSEG\_Fig02\_05\_007\_SalemEJ\_wStreet\_8x11.pdf).

Supporting Information: ESRP Section 2.5.4 directs staff to obtain “a general description (with maps) of the location of all minority and low-income populations within the environmental impact area of each alternative site...” ESRP Sections 4.4.3 and 5.8.3 direct the staff to assess the degree to which each minority and low-income population is disproportionately receiving either adverse impacts or benefits compared with the general population. The scale of the pertinent maps in the ER does not permit consideration of impacts on these populations in the primary impact area of the proposed project. The requested figure provides needed level of detail.

#### ESP EIS 2.5-10

rSOC-26: Provide updated Census Block Group population information for minority and low-income populations within a 50-mile radius of each alternative site, using the 2010 Census data, *American Community Survey* and/or other sources. Provide updated environmental justice population information (including maps) for ER sections 2.5.4 and 9.3.

Supporting Information: ESRP Section 2.5.4 directs the staff to obtain “a general description (with maps) of the location of all minority and low-income populations within the environmental impact area of each alternative site...” ESRP Section 9.3 directs the staff to consider “socioeconomic factors, including aesthetics, archaeological and historic preservation, and environmental justice.” NRR LIC-203 Rev. 2 directs the staff to “for each alternative site, determine the percentage of each minority population category and percentage of the households below the poverty level in the area (typically, a 50-mile radius) likely at the census block group level.” The ER relies on data from the 2000 Census and presents no maps of the environmental justice populations other than for the preferred site.

ESP EIS 2.5-11

rSOC-28: For the demographics within the region, provide more recent population data and estimates using verifiable sources such as the 2010 Census and *American Community Survey* data. Provide updated population estimates for ER Section 2.5.1.

Supporting Information: ESRP Section 2.5.1 requires the staff to prepare population data that "...should be based on the current decade census data and, where available, more recent data." The ER relies on population data and estimates dating from before the 2010 census.