



ND-2013-0011
May 10, 2013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: **PSEG Early Site Permit Application**
Docket No. 52-043
Documents in Support of Application
Early Site Permit for PSEG Site

- References: 1) PSEG Power, LLC letter ND-2010-0073 to USNRC, Application for Early Site Permit for the PSEG Site, dated May 25, 2010
- 2) PSEG Power, LLC letter ND-2013-0006 to USNRC, Submittal of Revision 2 of the Early Site Permit Application for the PSEG Site, dated March 27, 2013

In Reference 1, PSEG Power, LLC and PSEG Nuclear, LLC (PSEG) submitted an Application for an Early Site Permit (ESP) for a site near Salem, New Jersey (the PSEG Site). In Reference 2, PSEG submitted Revision 2 to the Application for an Early Site Permit (ESP).

Enclosure 1 provides the roadmaps for the changes made to the application in Revision 2. The first roadmap contains a list of changes that were identified through the PSEG Corrective Action Process (CAP) and supplemental information submitted outside the NRC Request for Additional Information (RAI) process. The second roadmap is a list of changes resulting from our responses to NRC RAIs.

If any additional information is needed, please contact David Robillard, PSEG Nuclear Development Licensing Engineer, at (856) 339-7914.

D079
HRO

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 10th day of May, 2013.

Sincerely,

A handwritten signature in black ink, appearing to read "James Mallon". The signature is fluid and cursive, with the first name "James" and last name "Mallon" clearly distinguishable.

James Mallon
Early Site Permit Manager
Nuclear Development
PSEG Power, LLC

Enclosure 1: Roadmaps for changes to the PSEG Early Site Permit Application,
Revision 2

cc: USNRC Project Manager, Division of New Reactor Licensing, PSEG Site
(w/enclosure)
USNRC Environmental Project Manager, Division of New Reactor Licensing
(w/enclosure)
USNRC Region I, Regional Administrator (w/enclosure)
Oak Ridge National Laboratory (w/enclosure)

PSEG Letter ND-2013-0011, dated May 10, 2013

ENCLOSURE 1

Roadmaps for changes to the PSEG Early Site Permit Application, Revision 2

PSEG Site Early Site Permit Application
CAP/Supplemental Items Roadmap

CR NO	Description of Issue	Action / ESPA Document Revised	Prior NRC Correspondence
Corrective Action Process			
2012-65	The volumetric value of dredge material in front of the intake structure is incorrect. The overall area and depth of the dredge operation is correct.	ER Subsection 4.3.2.3	None
2012-70	SSAR Figures 2.4.13-1 and 2.4.13-2 were not included in the previous transmittal of ESPA Rev. 1.	SSAR Figures 2.4.13-1 and 2.4.13-2	ND-2012-0028
2012-68	External review of ESPA Revision 1 identified the following deficiencies: - SSAR Figure 2.2-2 provided in response to RAI No. 40 was not submitted with ESPA Rev. 1. - SSAR Figures 2.5.4.4-1 and 2.5.5-2 are identified as Rev. A, whereas they should be Rev. 0. - SSAR Subsection 2.2.3.2.6 includes a typographical error, "10-6" should be "10 ⁶ ".	SSAR Figure 2.2-2 SSAR Figures 2.5.4.4-1 and 2.5.5-2 SSAR Subsection 2.2.3.2.6	ND-2012-0043
2012-67	SSAR Subsection 3.5.1.6.2 includes a typographical error, "Subsection 3.5.1.6.1" should be "Subsection 3.5.1.6.3".	SSAR Subsection 3.5.1.6.2	ND-2012-0043
Supplemental Information			
N/A	Implementation of Emergency Preparedness Rule Changes	Eplan Section 15, Table 15-1	ND-2012-0046

PSEG Site Early Site Permit Application
RAI Roadmap

RAI Number	eRAI	Question Number	Document to be Revised	PSEG LTR NO
50	6283	02.02.01-02.02.02-1	SSAR Subsections 2.2.2.3.2, 2.2.3.2.2 and 2.2.3.2.3	ND-2012-0038
43	6162	02.05.02-5	See Note 1	ND-2012-0039
62	6533	11.03-9	SSAR Subsections 11.2.3.2, 11.3.3.2 SSAR Tables 11.2-7 and 11.3-9 (Revised)	ND-2012-0042
64	6607	02.05.04-23	SSAR Table 2.5.4.2-8 (Revised)	ND-2012-0048
64	6607	02.05.04-25	SSAR Subsection 2.5.4.10.3	ND-2012-0048
Env-01	6728	RAIs-1	ER Subsection 1.1.1	ND-2012-0049
63	6584	02.05.01-19	SSAR Subsection 2.5.1.3	ND-2012-0050
Env-03	6731	rHYD-02	Environmental Report (ER), Subsection 4.2.2.2.1	ND-2012-0051
Env-02	6729	rTL-07	ER Subsection 5.6.3.3	ND-2012-0052
Env-13	6741	rNP-01	ER Sections 8.1, 8.3, and 8.4	ND-2012-0058
Env-13	6741	rNP-02	ER Sections 8.1	ND-2012-0058
Env-13	6741	rNP-03	ER Sections 8.2.1.1 and Table 8.4-2	ND-2012-0058
Env-13	6741	rNP-05	ER Chapter 8	ND-2012-0058
Env-13	6741	rNP-08	ER Chapter 8	ND-2012-0058
Env-14	6742	rALT-30	ER Chapter 9	ND-2012-0059
Env-08	6736	rMET-09	ER Subsection 5.8.1.4 ER Tables 5.8-2 and 5.8-3 (Revised)	ND-2012-0060
Env-09	6737	rNRH-11	ER Subsection 9.3.2.5	ND-2012-0063
Env-10	6738	rRH-10	ER Subsection 9.3.2.5	ND-2012-0064
66	6719	14.03.10-1	EP Attachment 10	ND-2012-0067
Env-06	6734	rSOC-07	ER Subsection 4.4.2	ND-2012-0068
Env-12	6740	rTR-01	ER Subsection 5.7.2.1.12 ER Table 5.7-4 (Revised)	ND-2012-0071
Env-12	6740	rTR-05a	ER Subsection 7.4.1.2 ER Tables 7.4-5, 7.4-6, 7.4-7 and 7.4-8 (Revised)	ND-2012-0071
Env-12	6740	rTR-05b	ER Subsection 7.4.1.2 ER Table 7.4-3	ND-2012-0071
Env-12	6740	rTR-06	ER Subsection 3.8, 5.7.2, and 7.4	ND-2012-0071
Env-12	6740	rTR-08	ER Subsection 5.7.2, 7.4.2 ER Tables 5.7-13, 5.7-14, 7.4-9, 7.4-10, and 7.4-11 (Added), 5.7-5, 5.7-8 and 5.7-9 (Revised)	ND-2012-0071
Env-12	6740	rTR-09a	ER Subsection 5.7.1 ER Tables 5.7-1 and 5.7-3 (Revised)	ND-2012-0071
Env-12	6740	rTR-12	ER Subsection 5.7.2.1.3	ND-2012-0071
Env-12	6740	rTR-13	ER Subsection 5.7.2.1.5	ND-2012-0071
Env-11	6739	rACC-01	ER Subsection 7.1.2 and 7.1.4 ER Tables 7.1-38 through 7.1-56 (Revised)	ND-2012-0072
Env-11	6739	rACC-02	ER Subsection 7.2.2.2	ND-2012-0072
61	6488	02.05.02-10	SSAR Subsections 2.5.1 and 2.5.3 SSAR Figures 2.5.1-18 and 2.5.3-1 (Revised)	ND-2012-0073
Env-11	6739	rACC-01a	ER Tables 7.1-5 through 7.1-13 (Revised)	ND-2012-0075
61	6488	02.05.02-10	SSAR Subsections 2.5.2.1, 2.5.2.2, 2.5.2.3 and 2.5.2.4 SSAR Tables 2.5.2-1 through 2.5.2-16 (Deleted), 2.5.2-25 through 2.5.2-34 (Added) SSAR Figures 2.5.2-1 - 2.5.2.17 (Deleted), 2.5.2-18 - 2.5.2.33 (Revised), 2.5.2-56 - 2.5.2.76 (Added)	ND-2012-0079
68	6645	02.04.13-15	SSAR Subsection 2.4.13	ND-2012-0080
46	6219	11.03-8	SSAR Section 1.3 and 11.3.3	ND-2013-0001
62	6533	11.03-9	SSAR Section 1.3 and 11.3.3	ND-2013-0001
61	6488	02.05.02-10	SSAR Subsections 2.5.2.5, 2.5.2.6, 2.5.4.7 - 2.5.4.9 SSAR Tables 2.5.2-17 through 2.5.2-24 (Revised), 2.5.4.7-5 and 2.5.4.8-2 (Revised) SSAR Figures 2.5.2-38 and 2.5.2-39 (Deleted), 2.5.2-34 through 2.5.2-37 and 2.5.2-40 through 2.5.2-55 (Revised), 2.5.2-77 through 2.5.2-81 (Added), and 2.5.4.7-21 through 2.5.4.7-28 (Revised)	ND-2013-0002
Env-09S	7028	9.0-15	ER Section 8.0, Subsection 8.4.3, 9.2.1.3 and 9.2.1.4	ND-2013-0005

PSEG Site Early Site Permit Application
RAI Roadmap

RAI Number	eRAI	Question Number	Document to be Revised	PSEG LTR NO
Env-12S	7003	6.0-11	ER Subsection 5.7.2 and 5.7.2.3 ER Subsection Tables 5.7-13 and 5.7-14 (Added), 5.7-14, 7.4-9, 7.4-10 and 7.4-11 (Revised)	ND-2013-0004
Env-12S	7003	6.0-12	ER Subsection 5.7.2.4 ER Subsection Tables 5.7-13 and 5.7-14 (Added), 7.4-9 and 7.4-10 (Revised)	ND-2013-0004
Env-12S	7003	6.0-13	ER Subsection 7.4.1.2 ER Tables 7.4-2, 7.4-5, and 7.4-8 (Revised), ER Appendix 7A.1	ND-2013-0004
20	5632	02.04.06-1 through 02.04.06-4	SSAR Subsection 2.4.6 SSAR Figures 2.4.6-1, 2.4.6-8, 2.4.6-10, 2.4.6-16 and 2.4.6-22 (Revised)	ND-2013-0003

Notes:

1) The ESPA revisions provided in PSEG Letter No. ND-2012-0039 associated with RAI No. 43 were superseded by the response to RAI No. 61 (Reference Letter Nos. ND-2012-0072, ND-2012-0079 and ND-2013-0002).