



ND-2014-0005
February 6, 2014

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

Subject: **PSEG Early Site Permit Application**
Docket No. 52-043
Supplemental Response to Request for Additional Information, No.
Env-02, ESP EIS 2.2 – Land Use

- References:
- 1) PSEG Power, LLC Letter No. ND-2013-0006 to USNRC, Submittal of Revision 2 of the Early Site Permit Application for the PSEG Site, dated March 27, 2013
 - 2) Env-02, Review Section: ESP EIS 2.2 - Land Use, dated August 29, 2012 (eRAI 6729)
 - 3) PSEG Power, LLC Letter No. ND-2012-0052 to USNRC, Response to Request for Additional Information, No. Env-02, ESP EIS 2.2 – Land Use, dated October 1, 2012
 - 4) PSEG Power, LLC Letter No. ND-2013-041 to USNRC, Supplemental Response to Request for Additional Information, No. Env-02, ESP EIS 2.2 – Land Use, dated December 19, 2013

The purpose of this letter is to provide a supplemental response to the request for additional information (RAI) identified in Reference 2 above. This RAI addresses Question Nos. ESP EIS 2.2-1 through ESP EIS 2.2-10 for the Environmental Report (ER), as submitted in Part 3 of the PSEG Site Early Site Permit Application, Revision 2.

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In Reference 4, PSEG submitted a supplemental response to RAI No. Env-02, Question No. ESP EIS 2.2-1. Within that response Table ESP EIS 2.2-1-1 is presented, which includes acreage for the existing PSEG Site property and the proposed 85-acre parcel immediately north of the existing PSEG Site property boundary. In the response, the most recent NJDEP land use/land cover data from 2007 was analyzed to provide land use and land cover quantifications. Since that time, the NRC has requested that the same information be reevaluated using 2002 NJDEP land use/land cover data to be consistent with information presented in the Environmental Report. Revised Figure ESP EIS 2.2-1-1, provided in Enclosure 1, presents an illustration of the 2002 NJDEP data for the entire site. Quantifications of land use and land cover are presented separately in revised Table ESP EIS 2.2-1-1, also provided in Enclosure 1.

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

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 6th day of February, 2014.

Sincerely,



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

Enclosure 1: Revised Figure ESP EIS 2.2-1-1 and Table ESP EIS 2.2-1-1

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

PSEG Letter ND-2014-0005, dated February 6, 2014

ENCLOSURE 1

Revised Figure ESP EIS 2.2-1-1 and Table ESP EIS 2.2-1-1

**Table ESP EIS 2.2-1-1
Land Use within the Existing PSEG Plant Site Property Boundary and the 85-Acre Parcel
on Artificial Island**

New Jersey Land Use Category	Existing PSEG Property		85-Acre Parcel on Artificial Island		PSEG Site Total	
	Area (ac.)	Percent	Area (ac.)	Percent	Area (ac.)	Percent
Wetland and Aquatic Habitat						
Artificial Lakes	14.2	1.9	26.2	30.8	40.4	4.9
Disturbed Wetlands (Modified)	4.3	0.6	0.1	0.1	4.3	0.5
Herbaceous Wetlands	2.8	0.4	0.0	0.0	2.8	0.3
Managed Wetland in Maintained Lawn Greenspace	3.8	0.5	0.0	0.0	3.8	0.5
<i>Phragmites</i> -Dominated Coastal Wetlands	130.7	17.8	28.3	33.3	159.1	19.4
<i>Phragmites</i> -Dominated Interior Wetlands	111.6	15.2	23.7	27.9	135.3	16.5
Saline Marsh	0.0	0.0	0.2	0.2	0.2	0.0
Tidal Rivers, Inland Bays, and Other Tidal Waters	3.9	0.5	1.7	2.0	5.6	0.7
Wetland Rights-of-Way	11.3	1.5	0.0	0.0	11.3	1.4
Subtotal	282.7	38.5	80.1	94.2	362.8	44.3
Old Field Habitat						
Deciduous Brush/Shrubland	3.0	0.4	0.0	0.0	3.0	0.4
Old Field (<25 percent Brush Covered)	69.4	9.5	0.0	0.0	69.4	8.5
<i>Phragmites</i> -Dominated Old Field	35.3	4.8	0.0	0.0	35.3	4.3
Upland Rights-of-Way Undeveloped	27.6	3.8	0.0	0.0	27.6	3.4
Subtotal	135.2	18.4	0.0	0.0	135.2	16.5
Developed Land Uses						
Altered Lands	14.6	2.0	0.2	0.2	14.8	1.8
Industrial	234.5	32.0	0.0	0.0	234.5	28.6
Other Urban or Built-up Land	51.1	7.0	4.7	5.5	55.8	6.8
<i>Phragmites</i> -Dominated Urban Area	0.1	0.0	0.0	0.0	0.1	0.0
Recreation Land	4.9	0.7	0.0	0.0	4.9	0.6
Transportation/Communication/Utilities	8.5	1.2	0.0	0.0	8.5	1.0
Upland Rights-of-Way Developed	2.4	0.3	0.0	0.0	2.4	0.3
Subtotal	316.1	43.1	4.9	5.8	321.0	39.2
Totals	734.0	100.0	85.0	100.0	819.0	100.0

Source: New Jersey Department of Environmental Protection, Geographic Information Systems, 2002 Land Use/Land Cover by Watershed Management Area, <http://www.state.nj.us/dep/gis/lulc02cshp.html#top>, Trenton, New Jersey, 2004, accessed January 29, 2014.

