



ND-2012-0077
November 29, 2012

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-11, ESP EIS 5.11 - Environmental Impacts of Postulated Accidents

- References:
- 1) PSEG Power, LLC Letter No. ND-2012-0031 to USNRC, Submittal of Revision 1 of the Early Site Permit Application for the PSEG Site, dated May 21, 2012
 - 2) Env-11, Review Section: ESP EIS 5.11 - Environmental Impacts of Postulated Accidents, dated September 20, 2012 (eRAI 6739)
 - 3) PSEG Power, LLC Letter No. ND-2012-0072 to USNRC, Response to Request for Additional Information, No. Env-11, ESP EIS 5.11 - Environmental Impacts of Postulated Accidents, dated October 19, 2012
 - 4) PSEG Power, LLC Letter No. ND-2012-0075 to USNRC, Response to Request for Additional Information, No. Env-11, ESP EIS 5.11 - Environmental Impacts of Postulated Accidents, dated November 2, 2012

The purpose of this letter is to respond to the request for additional information (RAI) identified in Reference 2 above. This RAI addresses Question Nos. ESP EIS 5.11-1 through ESP EIS 5.11-6 for the Environmental Report (ER), as submitted in Part 3 of the PSEG Site Early Site Permit Application, Revision 1.

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Enclosure 1 provides the MACCS2 input and output files and Calculation 2009-11222, Revision 2, "Environmental Consequence Analysis for PSEG ESPA" requested in RAI No. Env-11, Question No. ESP EIS 5.11-6. PSEG has verified with the applicable reactor vendors that the enclosed MACCS2 files and the requested calculation do not contain any information considered proprietary.

Reference 3 provided our response for RAI No. Env-11, Question Nos. ESP EIS 5.11-1 and ESP EIS 5.11-3 through ESP EIS 5.11-6 (rACC-01, rACC-01b, rACC-01c, rACC-02, and rACC-03). Reference 4 provided our response to RAI No. Env-11, Question No. ESP EIS 5.11-2 (rACC-01a).

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 29th day of November, 2012.

Sincerely,



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

Enclosure 1: CD-ROM containing MACCS2 input and output files and Calculation 2009-11222, Revision 2, "Environmental Consequence Analysis for PSEG ESPA"

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 (w/enclosures)

PSEG Letter ND-2012-0077, dated November 29, 2012

ENCLOSURE 1

**CD-ROM containing MACCS2 input and output files and Calculation 2009-11222,
Revision 2, "Environmental Consequence Analysis for PSEG ESPA"**

PSEG Site
Early Site Permit Application
RAI No. Env-11 Supplement
Enclosure 1



PSEG
Power LLC

Sargent & Lundy^{LLC}

