



March 10, 2014  
ND-2014-0008

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

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

Reference: 1) 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). On March 27, 2013, PSEG submitted revision 2 of the ESP application as cited in Reference 1.

The Application contains an Environmental Report (Part 3) that describes the suitability of the PSEG Site to support construction and operation of up to two additional nuclear units relative to the impact on the environment. Several documents that support the conclusions made in ER Section 5.2, Water Related Impacts, have been requested to be placed on the subject docket.

Enclosure 1 provides a copy of the following documents for inclusion on the subject docket:

1. ARCADIS. Quarterly Remedial Action Progress Report, Fourth Quarter 2011, PSEG Nuclear, LLC, Salem Generating Station, 5/21/2012
2. Dames and Moore. 1988. Final report Study of Ground-water Conditions and Future Water Supply Alternatives Salem/Hope Creek Generating Station Artificial Island, Salem County, New Jersey, p.114-115 (Section-1 of the document as displayed in the NRC reading room for the PSEG ESPA)

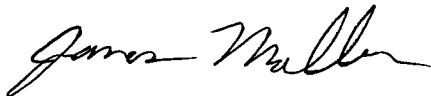
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3. DRBC (Delaware River Basin Commission). 2003. Plan of Operation for the Merrill Creek Reservoir, Revision 1. Prepared by Merrill Creek Owners Group, DRBC Docket No. D-77-110 CP (Amendment 1). DRBC, West Trenton, New Jersey. June 2003.
4. MACTEC (MACTEC Engineering and Consulting, Inc.). 2009. "PSEG Site Application Project," CP 2251 ESP-GW-002\_Rev 0. September 17, 2009.
5. PSEG (PSEG Power, LLC, and PSEG Nuclear, LLC). 2012. Consumptive Release & Pumping History – Merrill Creek Reservoir.

If 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 10th day of March, 2014.

Respectfully,



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

Enclosure 1: CD-ROM containing the five documents listed in the above letter

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/o enclosure)  
ORNL (w/enclosure)

**PSEG Letter ND-2014-0008, dated March 10, 2014**

**ENCLOSURE 1**

**CD-ROM containing the following documents:**

- 1. ARCADIS. Quarterly Remedial Action Progress Report, Fourth Quarter 2011, PSEG Nuclear, LLC, Salem Generating Station, 5/21/2012**
- 2. Dames and Moore. 1988. Final report Study of Ground-water Conditions and Future Water Supply Alternatives Salem/Hope Creek Generating Station Artificial island, Salem County, New Jersey, p.114-115 (Section-1 of the document as displayed in the NRC reading room for the PSEG ESPA)**
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- 4. MACTEC (MACTEC Engineering and Consulting, Inc.). 2009. "PSEG Site Application Project," CP 2251 ESP-GW-002\_Rev 0. September 17, 2009.**
- 5. PSEG (PSEG Power, LLC, and PSEG Nuclear, LLC). 2012. Consumptive Release & Pumping History – Merrill Creek Reservoir.**

