



June 4, 2010
ND-2010-0088

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

**Subject: PSEG POWER, LLC
DOCUMENT IN SUPPORT OF APPLICATION
EARLY SITE PERMIT FOR THE PSEG SITE
NRC PROJECT NUMBER 771**

On May 25, 2010, 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).

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. Section 9.3 of the ESP Environmental Report provides conclusions regarding Alternative Sites.

Enclosed is a copy of PSEG's "Alternative Site Evaluation Study" dated March 2010. The process used to perform the Alternative Site Evaluation Study is consistent with applicable U. S. Nuclear Regulatory Commission guidance provided in Section 9.2 of Regulatory Guide 4.2 and Section 9.3 of NUREG-1555.

If additional information is needed, please contact Gary S. Janosko, PSEG Nuclear Development Regulatory Director at (856) 339-7912.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 4th day of June, 2010.

Respectfully,

A handwritten signature in black ink that reads "David P. Lewis".

David P. Lewis
Nuclear Development Project Director
PSEG Power, LLC

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NRO

Enclosure 1: Alternative Site Evaluation Study

- C USNRC, Director, Office of New Reactors/DNRL (w/enclosure)
- USNRC Project Manager, Division of New Reactor Licensing, PSEG Site (w/enclosure)
- USNRC Region I, Regional Administrator (w/enclosure)

Enclosure 1

Alternative Site Evaluation Study