

November 5, 2014

Mr. James Mallon
Early Site Permit Manager
PSEG Power, LLC
244 Chestnut Street
Salem, NJ 08079

SUBJECT: CHANGE IN SCHEDULE OF PSEG SITE EARLY SITE PERMIT APPLICATION
REVIEW

Dear Mr. Mallon:

On August 4, 2010, the U.S. Nuclear Regulatory Commission (NRC) docketed (Agencywide Documents Access and Management System (ADAMS) Accession No. ML102010714) the PSEG Site Early Site Permit (ESP) application, that was submitted by PSEG Power, LLC, and PSEG Nuclear, LLC (PSEG). On March 5, 2014, the NRC issued a letter (ADAMS Accession No. ML14049A130), informing PSEG that the safety review milestones published on September 12, 2013 (ADAMS Accession No. ML12361A136), could not be met due to unresolved issues associated with the review of the "Probable Maximum Surge, Seiche, & Flooding" section of the ESP application. Specifically, during the review of PSEG's initial response to Request for Additional Information (RAI) No. 67 and an associated regulatory audit conducted on February 4 – 6, 2014 (ADAMS Accession No. ML14106A081), the NRC staff identified several modeling decisions and assumptions relative to the probabilistic storm surge analysis that required additional information and substantial staff review. On April 30, 2014, PSEG requested an exemption to defer completion of an acceptable maximum probable storm surge flooding hazard analysis until the Combined License (COL) application stage. In addition, on May 12, 2014, PSEG requested for NRC to suspend review of the storm surge flood analysis for the PSEG ESP application pending review of your exemption request. On June 17, 2014, the NRC staff denied the exemption by concluding that PSEG's reasons described in support of the exemption did not provide a sufficient basis for granting the requested exemption.

On July 10, 2014, PSEG and NRC staff held at a public meeting to discuss PSEG's strategy and schedule for responding to the staff's outstanding storm surge flood analysis issues. Based on this meeting, PSEG requested that the NRC resume its review of the ESP application in a letter dated July 17, 2014. On August 21, 2014, PSEG submitted a revised response to RAI No. 67 (ADAMS Accession No. ML14238A021), and on September 5, 2014, PSEG submitted calculations and associated information in support of the revised response to RAI No. 67 (ADAMS Accession No. ML14255A050). The NRC staff conducted an initial review of the response and estimated the time needed to complete the review and finalize the safety evaluation.

Enclosed is the NRC staff's revised schedule to complete the safety review of the PSEG Site ESP application through Phase D "Final Safety Evaluation Report (SER) Issued." The environmental review schedule remains unchanged. Please note that the schedule does not

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reflect the anticipated duration of the mandatory hearing process. As always, we will consider any opportunity that may allow us to complete the review ahead of the enclosed schedule.

Should you have questions or comments concerning this matter, please contact the NRC Lead Project Manager, Mr. Prosanta Chowdhury, for review of the PSEG Site ESP application, by telephone at 301-415-1647 or via e-mail to Prosanta.Chowdhury@nrc.gov.

Sincerely,

/RA MDelligatti for/

Frank Akstulewicz, Director
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-043

Enclosure:
As stated

cc w/encl: See next page

J. Mallon

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Frank Akstulewicz, Director
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Enclosure:
As stated

cc w/encl: See next page

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NRO-002

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DATE	11/05/14	11/05/14		

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PSEG Site Early Site Permit Application Review Schedule

Key Milestones	Current Completion Date Actual – A Target – T	Revised Completion Date Actual – A Target – T
<i>Safety Review</i>		
Phase A - Requests for Additional Information (RAIs) and Supplemental RAIs Issued	09/2013-A	09/2013-A
Phase B - Advanced Safety Evaluation (SE) with no Open Items Developed	In Evaluation	06/2015-T
Phase C - ACRS Meeting on Advanced SE	In Evaluation	07/2015-T
Phase D - Final Safety Evaluation Report (SER) Issued	In Evaluation	09/2015-T
<i>Environmental Review</i>		
Phase 1 - Scoping period ends	12/2010-A	12/2010-A
Phase 2 - Draft Environmental Impact Statement (EIS) issued to U. S. Environmental Protection Agency (EPA)	09/2014-A	09/2014-A
Phase 3 - Public comment period for Draft EIS ends	11/2014-T	11/2014-T
Phase 4 - Final EIS issued to EPA	09/2015-T	09/2015-T

Enclosure

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(Revised 10/14/2014)

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SUBJECT: CHANGE IN SCHEDULE OF PSEG SITE EARLY SITE PERMIT APPLICATION REVIEW

SECRETARY (Div/Branch – Phone): C. Nagel, DNRL/LB4, 301-415-1126

DATE: Friday, November 07, 2014

●●● ROUTING LIST ●●●

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3.	A. Fetter	/ /14
4.	J. Dixon-Herrity	/ /14
5.	A. Rivera-Verona	/ /14
6.	J. Segala	/ /14
7.	OGC	/ /14
8.	A. Kock	/ /14
9.	M. Delligatti	/ /14
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