



ND-2012-0045  
August 21, 2012

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

Subject: **PSEG Early Site Permit Application**  
**Docket No. 52-043**  
**Schedule for Response to Request for Additional Information, RAI No. 61, Vibratory Ground Motion**

- 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) RAI No. 61, SRP Section: 02.05.02 – Vibratory Ground Motion, dated June 7, 2012 (eRAI 6488)
  - 3) RAI No. 43, SRP Section: 02.05.02 – Vibratory Ground Motion, dated December 12, 2011 (eRAI 6162)
  - 4) PSEG Power, LLC Letter No. ND-2012-0039 to USNRC, Response to Request for Additional Information, RAI No. 43, Vibratory Ground Motion, dated July 19, 2012

The purpose of this letter is to provide a schedule for responding to the request for additional information (RAI) identified in Reference 2 above. This RAI addresses Vibratory Ground Motion, as described in Subsection 2.5.2 of the Site Safety Analysis Report (SSAR), as submitted in Part 2 of the PSEG Site Early Site Permit Application (ESPA), Revision 1.

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On August 8, 2012, PSEG conducted a conference call with P. Chowdhury, PSEG Site Early Site Permit Application NRC Project Manager and members of the NRC technical staff to discuss PSEG's approach for responding to RAI No. 61. During the conference call, PSEG informed NRC staff that, based on the request for additional information in RAI No. 61, PSEG will not be providing a supplemental response to RAI No. 43, Question No. 02.05.01-5, as committed to in Reference 4. PSEG also informed the NRC that we will be requesting a series of public meetings with the NRC staff to enhance PSEG's understanding of NRC expectations related to the response to RAI No. 61 and present the results of our analysis. PSEG is providing the following schedule for the submittal of the response to RAI No. 61 to enable the NRC to efficiently schedule their review resources for the PSEG ESPA seismic analysis review:

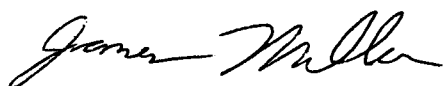
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|--|-------------------|
| 1) Rock Hazard Analysis                                  | October 2, 2012   |
| 2) Revision to SSAR Sections 2.5.1 and 2.5.3             | October 26, 2012  |
| 3) Revision to SSAR Sections 2.5.2.1 – 2.5.2.4, and GMRS | December 20, 2012 |
| 4) Revision to SSAR Sections 2.5.2.5 – 2.5.2.6           | January 11, 2013  |

There are no regulatory commitments contained in this letter.

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 21st day of August, 2012.

Sincerely,



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

cc: USNRC Project Manager, Division of New Reactor Licensing, PSEG Site  
USNRC Environmental Project Manager, Division of New Reactor Licensing  
USNRC Region I, Regional Administrator