

November 5, 2012

APPLICANTS: PSEG Power, LLC and PSEG Nuclear, LLC

PROJECT: PSEG Site Early Site Permit Application

SUBJECT: SUMMARY OF SEPTEMBER 27, 2012, PUBLIC MEETING WITH PSEG POWER, LLC, AND PSEG NUCLEAR, LLC, REGARDING U.S. NUCLEAR REGULATORY COMMISSION REQUESTS FOR ADDITIONAL INFORMATION ON SEISMIC HAZARD EVALUATION

On September 27, 2012, a Category 1 Public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of PSEG Power, LLC and PSEG Nuclear, LLC (PSEG - the applicant). The meeting was held at the NRC Headquarters, Rockville, MD. The purpose of this meeting was for PSEG to discuss response to NRC's Requests for Additional Information (RAIs) on seismic hazard evaluation as they pertain to the PSEG Site Early Site Permit Application (ESPA). The meeting notice with the agenda can be found in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML122410422. The agenda included designated times for public interactions with the NRC staff. PSEG used a set of slides during the presentation which can be found in ADAMS Accession No. ML122720288. The list of meeting attendees is enclosed.

The meeting started at 2:15 p.m. (Eastern Time). After the opening remarks and introductions of the attendees, meeting ground rules and logistics were announced. The NRC staff then reviewed the meeting agenda, and emphasized that the purpose of the meeting was for PSEG to discuss schedule and scope of its response to NRC's RAI on seismic hazard evaluation, and that the NRC staff would essentially be in a listening mode. The staff confirmed with PSEG that neither PSEG's presentation materials nor discussion with the NRC staff would include any proprietary or sensitive information. The staff reiterated that members of the public would have the opportunity to communicate with the NRC only after the business portion of the meeting.

In the beginning of its formal presentation, PSEG outlined its approach and schedule for response to RAI 61 (ADAMS Accession No. ML12159A587), which is slightly different from what was submitted in its letter to the NRC dated August 21, 2012 (ADAMS Accession No. ML12235A517). In its discussion, PSEG included, "Present methodology for performing Rock Hazards Analysis," specifically, "RAI 61 Response Approach," "Updated Seismicity Catalog Review," and "Rock Hazard Review." These topics were further expanded to the next levels of specifics in PSEG's slides which also included several seismicity catalog maps as well as plots and a table. At the completion of the "Regional Earthquake Recurrence" presentation under "Updated Seismicity Catalog Review," PSEG concluded that no refinements were needed to NUREG-2115, "Central and Eastern United States Seismic Source Characterization for Nuclear Facilities" (ADAMS Accession No. ML12048A776). However, because the NUREG-2115 seismic source characterization model did not cover the full site region (200 mile radius), the applicant discussed its plan to augment the easternmost segment of the seismic source model in order to have complete seismic source model coverage within the 200 mile radius.

PSEG then discussed the "Rock Hazard Methodology," emphasizing that no cumulative absolute velocity (CAV) filter was applied in this methodology. PSEG concluded its formal presentation with a summary of RAI 61 response approach next steps, including revising of applicable subsections of Section 2.5, "Geology, Seismology, and Geotechnical Information" of the Site Safety Analysis Report (SSAR).

During and following PSEG's formal presentation, the NRC staff asked clarifying questions in order to better understand the organization and depth of the RAI response expected to be submitted by PSEG on or before October 2, 2012. PSEG provided satisfactory response to staff's inquiries.

At the conclusion of the open discussion and comments between the NRC staff and the applicant, the opportunity was announced for members of the public to interact with the NRC staff; however, the staff confirmed that no members of the public joined the meeting, neither in person, nor via the teleconference bridge. One NRC staff joined the meeting via the teleconference bridge.

The meeting was officially adjourned at 3:12 p.m. (Eastern Time), and there were no follow up action items from this meeting.

Questions regarding this meeting can be directed to Mr. Prosanta Chowdhury at 301-415-1647 or via email at [Prosanta.Chowdhury@nrc.gov](mailto:Prosanta.Chowdhury@nrc.gov).

Sincerely,

*/RA/*

Prosanta Chowdhury, Project Manager  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 05200043

Enclosure:  
List of Attendees

cc: See page after Enclosure

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Sincerely,

/RA/

Prosanta Chowdhury, Project Manager  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

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List of Attendees

cc: See page after Enclosure

**DISTRIBUTION:**

PUBLIC	RKaras, NRO	RidsNroDnrlNarpResource
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**ADAMS ACCESSION Nos:**

**ML12299A230 (Pkg)**

**ML12299A160 (Meeting Summary)**

**ML122720288 (Slides)**

\*via email

NRO-002

<b>OFFICE</b>	DNRL/NARP:PM	DNRL/NARP:LA*	DSEA/RGS1:BC	DNRL/NARP:PM
<b>NAME</b>	PChowdhury	JMcLellan*	RKaras	PChowdhury
<b>DATE</b>	10/31/2012	10/31/2012	11/01/2012	11/05/2012

**OFFICIAL RECORD COPY**

Public Meeting with PSEG Power, LLC, and PSEG Nuclear, LLC, Regarding U.S. Nuclear  
Regulatory Commission Requests for Additional Information on Seismic Hazard Evaluation

September 27, 2012

List of Attendees

Name	Affiliation
John Segala	NRC
Prosanta Chowdhury	NRC
Allen Fetter	NRC
Dogan Seber	NRC
Stephanie Devlin	NRC
Phyllis Clark (via Conference Bridge)	NRC
Jamie Mallon	PSEG
Dave Robillard	PSEG
Gary Ruf	PSEG
Michael Shervin	Sargent & Lundy
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ENCLOSURE

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(Revised 09/26/2012)

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