



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 30, 2015

LICENSEE: Arizona Public Service Company

FACILITY: Palo Verde Nuclear Generating Station, Units 1, 2, and 3

SUBJECT: SUMMARY OF JUNE 9, 2015, CATEGORY 1 PUBLIC MEETING WITH ARIZONA PUBLIC SERVICE COMPANY TO DISCUSS THE SEISMIC HAZARD REEVALUATION ASSOCIATED WITH IMPLEMENTATION OF JAPAN LESSONS-LEARNED NEAR-TERM TASK FORCE RECOMMENDATION 2.1, SEISMIC FOR PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3

On June 9, 2015¹, the U. S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Arizona Public Service Company (APS, the licensee) at NRC Headquarters, Three White Flint North, 11601 Landsdown Street, Rockville, Maryland. The purpose of this meeting was to discuss the Seismic Hazard Reevaluation² associated with the implementation of Near-Term Task Force (NTTF) Recommendation 2.1: Seismic of the March 12, 2012, NRC request for information issued pursuant to Title 10 to the *Code of Federal Regulations* Part 50, Section 50.54(f) (hereafter referred to as the 50.54(f) letter)³ for Palo Verde Nuclear Generating Station, Units 1, 2, and 3 (Palo Verde).

During the meeting the NRC staff provided an overview of NTTF Recommendation 2.1 "Seismic" including specifics of the review process as it relates to the Western United States (WUS) sites⁴. Additionally, APS representatives provided an overview of Palo Verde's seismic hazard reevaluation which included specific discussions of several focus areas identified by the staff and conveyed to APS before the public meeting⁵.

The NRC staff and APS representatives' discussions included the following meeting highlights:

- The NRC staff presented an overview of NTTF Recommendation 2.1 "Seismic" review process which included specifics on how the process would be applied to the review of the WUS submittals.
- The NRC staff provided the overall schedules for Recommendation 2.1 seismic hazard and risk evaluation activities. The staff stated that Palo Verde, by letter dated May 13,

¹ The meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15160A391.

² Palo Verde's Seismic Hazard Reevaluation and supplement are available via ADAMS under Accession Nos. ML15076A073 and ML15105A076, respectively.

³ The 50.54(f) letter and Enclosure 1 are available under ADAMS Accession Nos. ML12053A340 and ML12056A047, respectively.

⁴ The NRC's slide presentation is available via ADAMS under Accession No. ML15159B297

⁵ The APS slide presentation is available via ADAMS under Accession No ML15156B331.

2015⁶, was conditionally screened-in as a Priority Group 3 for seismic risk evaluation and limited scope evaluations, because additional time is needed to evaluate the licensee's submittal before a screening decision can be made.

- The licensee provided an overview of their seismic hazard reevaluation. Specifically, APS responded to a series of focus areas that the staff had identified and conveyed to APS before the meeting⁷. These discussions helped the staff better understand APS approaches and added clarity to assist in the staff's review.
- The licensee provided a summary of Palo Verde's current licensing basis. Specifically, APS described their design response spectra and its relationship to the current licensing basis.
- The licensee stated that based on its screening evaluation, further action is not required for NTTF Recommendation 2.1 "Seismic".
- The licensee provided initial details on a recently identified minor error in its hazard calculations, part of the March 2015 submittal. The licensee stated it plans to follow its corrective actions program, as appropriate, to disposition the issue.
- In addition to the questions asked during the meeting, the staff indicated that it expects to issue requests for additional information by the end of summer / early fall 2015. The staff also stated that a final screening determination will be made for Palo Verde by fall 2015.

No regulatory decisions or commitments were made during the meeting. The public was invited to observe the meeting and was given an opportunity to communicate with the NRC during the public meeting before adjourning. No questions or comments were received from the public. No meeting feedback forms were received.

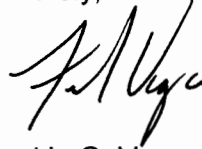
⁶ The screening and prioritization results for the WUS sites can be found via ADAMS under Accession No. ML15113B344.

⁷ NRC Technical Focus Areas for Support of Public Meeting on June 4 can be found via ADAMS under Accession No. ML15147A068

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Please direct any inquiries to me at 301-415-1617 or by e-mail at Frankie.Vega@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Frankie Vega', written in a cursive style.

Frankie G. Vega, Project Manager
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

Docket Nos. 50-528, 50-529, and 50-530

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

List of Attendees

U.S. Nuclear Regulatory Commission
Public Meeting with Arizona Public Service Company to Discuss the seismic hazard reevaluation
associated with implementation of Japan Lessons-Learned Near-Term Task Force
Recommendation 2.1, Seismic for Palo Verde Nuclear Generating Station, Units 1, 2, and 3

June 9, 2015

Name	Organization
Clifford Munson	NRC/NRO
Diane Jackson	NRC/NRO
Scott Stoval	NRC/RES
Jon Ake	NRC/RES
Nicholas DiFrancesco	NRC/NRR
Mohamed Shams	NRC/NRR
Vladimir Graizer	NRC/NRO
Frankie Vega	NRC/NRR
Thomas Weaver	NRC/RES
Alice Stieve	NRC/NRO
Dogan Seber	NRC/NRO
Stephanie Devlin-Gill	NRC/NRO
John Stamatakis	CNWRA
Rex Merden	APS
Carl Stephenson	APS
Adriana Ruiz	APS
George Andrews	APS
(continues to next page)	

Abbreviations:

NEI – Nuclear Energy Institute
NRO – Office of New Reactors
NRR – Office of Nuclear Reactor Regulation
RES – Office of Nuclear Regulatory Research
CNWRA – Center for Nuclear Waste Regulatory
Analyses
APS – Arizona Public Service Company

Enclosure

Name	Organization
Ross Hartleb	APS
Chris Wendell	APS
Carola Di Alessandro	Geopentech
Gabriel Toro	Lettis Consultants
Michael Powell	APS

Attendees Via Webinar or Telephone				
Name	Organization		Name	Organization
William Lettis	Lettis Consultants		Douglas Perterson	APS
Scott Lindvall	Lettis Consultants		Olga Ktenidou	
Arash Zandieh	Lettis Consultants		Nawaporn Aarons Cooke	APS
Robin McGuire	Lettis Consultants		Kahtan Jabbour	
Paul Hom	APS			
Norm Abrahamson	Berkeley			
Lisa Walsh	NRC			

Please direct any inquiries to me at 301-415-1617 or by e-mail at Frankie.Vega@nrc.gov.

Sincerely,

/RA/

Frankie G. Vega, Project Manager
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

Docket Nos. 50-528, 50-529, and 50-530

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*concurrence via e-mail

OFFICE	NRR/JLD/JHMB/PM	NRR/JLD/LA	NRO/DSEA/RGS/BC
NAME	FVega	SLent	DJackson
DATE	06/24/15	06/24/15	06/26/15
OFFICE	NRR/JLD/JHMB/BC	NRR/JLD/JHMB/PM	
NAME	MShams	FVega	
DATE	06/30/15	06/30/15	

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