



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

March 23, 2018

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY ON MARCH 8, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on March 8, 2018. The purpose of the meeting was to discuss technical information regarding crediting China First of a Kind (FOAK) testing for SNC's Vogtle Electric Generating Plant (VEGP) Units 3 and 4.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML18054A277. The meeting notice is also posted on the NRC public website. Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting, respectively. The other documents referenced during the discussion can be found at the ADAMS Accession Numbers given below:

- Public Presentation for Crediting FOAK Testing from China AP1000 Units – ML18060A261
- VEGP Units 3 and 4, Transmittal of Proprietary Presentation Slides for NRC Public Meeting Scheduled for March 8, 2018 Regarding License Amendment Request for Crediting China FOAK Testing (ADAMS Package) – ML18060A442

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Summary of Meeting:

On March 8, 2018, staff from the NRC conducted a public meeting with representatives from SNC to discuss technical information regarding crediting China FOAK testing for SNC's VEGP Units 3 and 4.

SNC walked through the presentation, noting that they intend to submit LARs to credit First Plant Only Tests (FPOTs) and First Three Plant Only Tests (F3POTs) completed on the China AP1000 units (Sanmen Units 1&2 and Haiyang Unit 1) for VEGP Units 3 and 4. SNC discussed that they completed an assessment of the implementation of the Quality Assurance (QA) program used in China, which included a review of completed tests and test procedures for QA adherence, and the assessment resulted in no impacts to the test results. SNC also noted that an industry subject matter expert performed a comparison of Chinese Regulations to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix B and concluded that the requirements are comparable.

SNC discussed the applicability of the FPOTs and F3POTs in China to VEGP Units 3 and 4. SNC emphasized that the major passive core cooling system (PXS) components, reactor coolant system (RCS) components (including the reactor vessel and reactor vessel internals), and the RCS pressure boundary piping in China and at VEGP Units 3 and 4 are (1) manufactured to the same design specification, (2) procured to the same quality requirements imposed by the design specification, and (3) built to the same design tolerances. SNC noted that because of the standardization of the AP1000 design, the FPOTs and F3POTs performed in China can be used to further establish the unique phenomenological performance parameters of the AP1000 design features that will not change from plant to plant.

The staff stated that they understood SNC's proposed approach to submit LARs to revise the FPOTs and F3POTs in the VEGP Units 3 and 4 combined licenses. The staff noted that the LARs would need to demonstrate the adequacy of the QA program used in China and the acceptability and applicability of the China FPOTs and F3POTs results to VEGP Units 3 and 4 and that the staff's detailed review of the LARs would be performed once the LARs are formally submitted.

At the end of the open portion of the meeting, there was an opportunity for the public to provide comments and ask questions. All comments or questions from members of the public were addressed by the staff before the public portion of the meeting ended.

In the closed portion of the meeting, the proprietary details of the QA program used in China, the China FPOTs and F3POTs results, and the applicability of the results to VEGP Units 3 and 4 were discussed.

Docket Nos.: 052-025
052-026

Enclosure:
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY
ON MARCH 8, 2018 DATED _____

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ADAMS Accession No.: ML18072A023

NRC-001

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	3/ 22/18	3/22/18	3/ 23/18	3/ 22/18

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**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, March 8, 2018
8:30 a.m. – 4:00 p.m.**

PURPOSE: To discuss technical information regarding crediting China First of a Kind (FOAK) testing for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant (VEGP) Units 3 and 4.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
8:30 a.m.	Opening Remarks	NRC
8:35 a.m.	Discussion of technical information regarding crediting China FOAK testing for VEGP Units 3 and 4	NRC/SNC/Westinghouse
9:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC

CLOSED

10:00 a.m.	Discussion of Proprietary-related details	NRC/SNC/Westinghouse
4:00 p.m.	Adjourn	

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, March 8, 2018
8:30 a.m. – 4:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Fred Brown	NRO
Frank Akstulewicz	NRO/DNRL
Tim McGinty	NRO/DCIP
Paul Krohn	NRO/DCIP
Cynthia Carpenter *	NRO/DEI
Kerri Kavanagh	NRO/DCIP/QVIB2
Taylor Lamb	NRO/DCIP/QVIB2
Jermaine Heath	NRO/DCIP/QVIB2
Tomy Nazario	R-II/DCO/IB1
Robert Mathis *	R-II/DCO/IB1
Cynthia Taylor *	R-II/DCO/IB1
Haimanot Yilma *	NRO
Jody Martin	OGC
Yuken Wong	NRO/DEI/MEB
Tim Lupold	NRO/DEI/MEB
John Frost *	NSIR
Boyce Travis	NRO/DSRA/SCVB
Tom Fredette *	NRO/DCIP/CIPB
Representing Industry	
Michael Yox	Southern Nuclear Operating Company (SNC)
Kelli Roberts	SNC
Steven Leighty	SNC
Chuck Pierce	SNC
Jim Davis	SNC
Lindsey Grissom	SNC
Eddie Riffle	SNC
Corey Thomas	SNC

Craig Ingold	SNC
Mark Wilson	SNC
Edward Baker	Talisman International (SNC Consultant)
Marko Randjelovic	Westinghouse Electric Company (WEC)
Venki Prabhu	WEC
Jonathan Durfee	WEC
Oscar Vinals	WEC
Greg Meyer	WEC
Zach Harper	WEC
Representing Public	
Sara Barczak *	Southern Alliance for Clean Energy
Tom Clements *	Friends of the Earth
Bill Freebairn *	Platts
Bob Meyer *	Professional Operator Licensing Society
Bill Jacobs *	GA Public Service Commission
Steve Roetger *	GA Public Service Commission
Ravi Joshi *	Public

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List
cc:

(Revised 03/08/2018)

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Commissioner District 8
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Gwendolyn Jackson
Burke County Library
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Mr. Reece McAlister
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