



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

April 25, 2018

MEMORANDUM TO: John P. Segala, Chief
Advanced Reactor and Policy Branch
Division of Safety Systems, Risk Assessment and Advanced
Reactors
Office of New Reactors

FROM: William D. Reckley, Senior Project Manager **/RA/**
Advanced Reactor and Policy Branch
Division of Safety Systems, Risk Assessment and Advanced
Reactors
Office of New Reactors

SUBJECT: SUMMARY OF APRIL 5-6, 2018, PUBLIC MEETING
TO DISCUSS LICENSING MODERNIZATION PROJECT

On April 5 and 6, 2018, the U.S. Nuclear Regulatory Commission (NRC) held a Category 2 public meeting with representatives from Southern Company, national laboratories, Nuclear Energy Institute, and other stakeholders to discuss the development of guidance documents supporting licensing advanced reactor designs (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18073A214). Enclosure 1 contains a list of meeting attendees and participants who joined via webinar. The primary topic of discussion was Draft Report Revision H of the Licensing Modernization Project (LMP) guidance document "Risk-Informed Performance-Based Guidance for Non-Light Water Reactor Licensing Basis Development" (ADAMS Accession No. ML18094B085). The slides and meeting handouts are available in ADAMS Accession No. ML18109A540.

Mr. Jason Redd, Southern Nuclear Company, led the discussions on the LMP's current draft of the guidance for the developing licensing bases for non-light water reactors. Mr. Redd used the draft report (ADAMS Accession No. ML18094B085) to support discussions and highlight specific areas for which the LMP was seeking insights from the NRC staff. The meeting was temporarily suspended on the afternoon of April 5, 2018, so that NRC staff and those attending the meeting could participate in a meeting of the Advisory Committee on Reactor Safeguards (ACRS) on the subject of functional containment performance criteria. The staff committed to providing written comments and questions on the draft report by April 20, 2018. Those comments will be made available in ADAMS and will address the discussions held during the meeting. The NRC staff introduced two references during the meeting. The first is an interim paper prepared by the NRC staff on multi-module risk (ADAMS Accession No. ML14150A330) and the second is an article entitled "Integrating quantitative defense-in-depth metrics into new reactor designs" published in Nuclear Engineering and Design.

CONTACT: William D. Reckley, NRO/DSRA
301-415-7490

The LMP plans to prepare another draft of the guidance document to discuss at a meeting with the staff tentatively scheduled for June 4, 2018, and a meeting with the Future Plant Designs Subcommittee of the ACRS on June 19, 2018.

The next periodic stakeholder meeting is scheduled for May 3, 2018, and the next meeting on the LMP guidance document is tentatively scheduled for June 4, 2018.

Enclosure:
List of attendees

SUMMARY OF APRIL 5-6, 2018, PUBLIC MEETING TO DISCUSS LICENSING
MODERNIZATION PROJECT- Dated April 25, 2018

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ADAMS Accession No.: ML18109A084-pkg

NRC-001

OFFICE	NRO/DSRA:PM	NRO/DSRA:BC
NAME	WReckley	JSegala
DATE	04/25/2018	04/30/2018

OFFICIAL RECORD COPY

Attendance List – Attended at least part of meeting in person		
Name		Organization
Marcia	Carpentier	NRC/OGC
Mark	Caruso	NRC/NRO
Kevin	Coyne	NRC/NRO
Amy	Cubbage	NRC/NRO
Michelle	Hart	NRC/NRO
Michelle	Hayes	NRC/NRO
John	Monninger	NRC/NRO
Hanh	Phan	NRC/NRO
Bill	Reckley	NRC/NRO
Ed	Roach	NRC/NSIR
John	Segala	NRC/NRO
Martin	Stutzke	NRC/NRO
Lucieann	Vechioli	NRC/NRO
Prasad	Kadambi	Consultant
Jana	Bergman	Curitss-Wright
Ed	Wallace	GNBC Assoc
Kati	Austgen	NEI
Mike	Tschiltz	NEI
Steve	Frantz	Self
Amir	Afzali	Southern
Jason	Redd	Southern
Greg	Gibson	X-energy

Attendance List – Webinar Attendees		
	Name	Organization
Joseph	Ashcraft	NRC/NRO
Russell	Bell	NEI
Jana	Bergman	Curtiss-Wright
John	Bolin	GA
Rob	Burg	EPM Inc
William	Catullo	Westinghouse
Arlon	Costa	NRC/NRO
Timothy	Crook	Transatomic
Matt	Dennis	Sandia
Suzanne	Dennis	NRC/RES
Donald	Dube	Jensen Hughes
Julie	Ezell	NRC/OGC
Robert	Fitzpatrick	NRC/NRR
Kathy	Halvey Gibson	NRC/RES
Nicholas	Hansing	NRC/NRO
Mark	Holbrook	INL
Tuan	Le	NRC/NRO
Marvin	Lewis	Self
Lisa	Matis	Tetrattech
Wayne	Moe	INL
Jill	Monahan	Westinghouse
John	Nakoski	NRC/RES
Per	Peterson	Kairos Power
Alex	Popova	Oklo
Pranab	Samanta	BNL
Erik	Slobe	NRC/OGC
James	Strnisha	NRC/NRO
Nanette	Valliere	NRC/OCMSB
Staci	Wheeler	Alpha Tech Research Corp
Andy	Zach	Congressional Staff