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

August 16, 2023

MEMORANDUM TO: Gregory Bowman, Director
Division of Physical and Cyber Security Policy
Office of Nuclear Security and Incident Response

FROM: Albert N. Tardiff, Jr. Signed by Tardiff, Albert on 08/16/23
Sr. Security Specialist
Materials Security Branch
Division of Physical and Cyber Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: SUMMARY OF JULY 6, 2023, PUBLIC MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION, NUCLEAR ENERGY INSTITUTE, AND EXTERNAL STAKEHOLDERS DISCUSSING THE PROPOSED NRC GUIDANCE REGARDING THE USE OF MODELING AND SIMULATION TOOLS FOR SECURITY PLAN CHANGES

On July 6, 2023, staff of the U.S. Nuclear Regulatory Commission (NRC's) Office of Nuclear Security and Incident Response held a virtual public meeting on the agency's development of guidance regarding the use of modeling and simulation (MODSIM) tools for security plan changes. The meeting was attended by over 50 people, and there was outstanding back-and-forth dialogue between participants.

The NRC staff presented an overview of the MODSIM guidance development (ML23178A071), and this was followed by a presentation provided by the Nuclear Energy Institute (NEI) staff on industry's current and planned uses of MODSIM technologies (ML23181A060). The subsequent discussions focused primarily on advanced reactors and how those potential applicants could use MODSIM tools, given their lack of a defined reactor site footprint at present. Other areas of focus in the discussion included the agency's timeline for the MODSIM Regulatory Guide/NUREG development and whether there will be an opportunity for public comment/public meetings. The NRC staff confirmed its intent to solicit public comment both from the *Federal Register* Notice as well as through one or more public meetings. In addition, there were questions about the practical aspects of the proposed guidance (e.g., how baseline scenarios are defined, how the physical protection system probability of system effectiveness (P_E) is calculated, how MODSIM tools are accredited).

CONTACT: Albert Tardiff, NSIR/DCPC
301-287-3613

The meeting was adjourned after all questions posed by those in attendance had been dispositioned by the NRC staff.

Enclosures
1. Meeting Attendees
2. Meeting Agenda

Meeting Attendees

Webinar: SUMMARY OF JULY 6, 2023, PUBLIC MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC), NUCLEAR ENERGY INSTITUTE (NEI), AND EXTERNAL STAKEHOLDERS DISCUSSING THE PROPOSED NRC GUIDANCE REGARDING THE USE OF MODELING AND SIMULATION (MODSIM) TOOLS FOR SECURITY PLAN CHANGES

NRC	Public
Leah Smith	Barry Westreich
Stacy Prasad	Todd Kauffman
Desiree Davis	Andrew Brady
Lou Cubellis	AJ Clore
Cliff Roundtree	Billy Brown
Albert Tardiff	Christopher Chwasz
Stanley Gardocki	Matthew Ford
Francis Peduzzi	Jim Andersen
Ismael Garcia	David Mendoza
	Michael Mcnally
	Shane Blanchard
	David Berkenpas
	Jonathan Corwin
	Daniel Watts
	Timothy Stopher
	Melissa Darlington
	Jason Krumenaker
	D. Axt
	Bernard Kaufhold
	Gregory Hill
	Jonathan Bearup
	Kevin Deyette
	Christopher Chwasz
	Bill Gross
	William Baker
	Gerald Durham Jr
	Matthew Talbot
	Joshua Schimandle
	Michael Whitlock
	Orlando Hernandez
	Andrew Brady

Meeting Agenda

Webinar: SUMMARY OF JULY 6, 2023, PUBLIC MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC), NUCLEAR ENERGY INSTITUTE (NEI), AND EXTERNAL STAKEHOLDERS DISCUSSING THE PROPOSED NRC GUIDANCE REGARDING THE USE OF MODELING AND SIMULATION (MODSIM) TOOLS FOR SECURITY PLAN CHANGES

Time	***Topic***	***Speaker***
1:00 PM	Introductions/Opening Remarks	NRC
	NRC Presentation	NRC
	NEI Presentation	NEI
	Questions / Comments	All
	Wrap Up	NRC

Enclosure 2

July 6 2023 Public Meeting-MODSIM Meeting Summary DATE August 16, 2023

DISTRIBUTION:
GBowman, NSIR/DPCP
LSmith, DPCP/MSB
ATardiff, NSIR/DPCP/MSB

ADAMS Accession No.: ML23195A114

OFFICE	NSIR/DPCP/MSB	DPCP/MSB	NSIR/DPCP/MSB	
NAME	ATardiff *AT*	LSmith *LS*	ATardiff *AT*	
DATE	Jul 15, 2023	Jul 17, 2023	Aug 16, 2023	

OFFICIAL RECORD COPY