



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

July 15, 2021

MEMORANDUM TO: J. Todd Keene, Branch Chief
Security Oversight Support Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

FROM: F. Scot Sullivan, Sr. Security Specialist

A handwritten signature in blue ink, appearing to read "F. Scot Sullivan".

Signed by Sullivan, Frederick
- on 07/15/21

Security Oversight Support Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

SUBJECT: SUMMARY OF JUNE 24, 2021, PUBLIC MEETING WITH EXTERNAL
STAKEHOLDERS REGARDING INDUSTRY'S PROPOSED
ADVERSARY TIMELINE CALCULATION METHODOLOGY

On June 24, 2021, an information public meeting¹ with a closed session was held between Nuclear Energy Institute (NEI), industry stakeholders, Union of Concerned Scientist (UCS), and representatives of the U.S. Nuclear Regulatory Commission (NRC). The purpose of this meeting was for industry representatives to provide NRC representatives an overview of a proposed new methodology for calculation of adversary timelines.

As noted in the meeting notice, certain portions of the meeting were closed to the public because the staff determined the information is proprietary in nature, and or contained official use only information.

Industry representatives provided an update related to industry's efforts associated with developing a new methodology for adversary timeline calculation.

Industry representatives stated they were developing a white paper that will provide guidance to nuclear power reactor licensees on determining adversary travel speeds based on the number of engaging security officers for use in developing adversary timelines. They further stated that they believed the approach is consistent with the guidance in NRC Regulatory Guide (RG) 5.81, "Target Set Identification and Development for Nuclear Power Reactors," Revision 1, dated December 2019. During the discussions, industry provided input that through performance-based testing they determined there were variations in the actual adversary rate of travel when unhindered by responders. They also provided a comparison between current

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¹ Public meeting notice dated June 24, 2021, "Public Meeting with Industry to Discuss Adversary Timeline Calculation Methodologies" Agencywide Documents Access and Management System Accession No. ML21172A221)

adversary timelines using the current methodology and the proposed methodology showing a significant change in the rate of travel due to adversary tactics employed while being engaged by site armed responders, specifically, the rate of adversary travel was slowed due to site armed responder engagements. NRC staff asked clarifying questions about, if any variations were identified and how sites with different layouts and strategy designs may be impacted; how engagements are assessed and considered; where the methodology begins and ends; the impact of certain tactics, and how those tactics impact responder engagements. Additionally, UCS asked what the impact of the performance-based determination variations in the adversary rate of travel had on current industry practice and stated the methodology appeared to be circular reasoning while questioning whether the methodology was appropriate for application in RG 5.81 and operator actions.

Enclosure:

List of Attendees

LIST OF ATTENDEES

SUMMARY OF JUNE 24, 2021, PUBLIC MEETING WITH
WITH EXTERNAL STAKEHOLDERS REGARDING INDUSTRY'S PROPOSED ADVERSARY
TIMELINE CALCULATION METHODOLOGY

NAME	ORGANIZATION
Clarence Gum	NEI (Dominion Energy)
AJ Clore	NEI
Bill Gross	NEI
Sue Perkins-Grew	NEI
Mark Fencil	NextEra
John Cherubini	Entergy
Robin Cook	Entergy
Mick Mothersell	Entergy
Jonathan LaPlante	Entergy
Michael Whitlock	Dominion Energy
Christopher Sult	Talen Energy
Ed Lyman	UCS
Dustin O'Neill	Diablo Canyon
Samuel Lee	NRC/NSIR
Chris Chwasz	Idaho National Laboratory
Todd Keene	NRC/NSIR
Carl Grigsby	NRC/NSIR
Scot Sullivan	NRC/NSIR
Robert Dexter	NRC/NSIR
Jefferson Clark	NRC/NSIR
Andrew Letourneau	NRC/NSIR
Rob Kresk	NRC
Vince Williams	NRC/NSIR

Public Meeting Summary - Propose NEI Adversary Timeline Calculation Methodology DATE July 15, 2021

DISTRIBUTION:

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SLee, NSIR

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OFFICE	NSIR/DSO/SOSB	NSIR/DSO/SOSB		
NAME	JKeene	<i>JK</i> FSullivan	<i>FS</i>	
DATE	Jul 14, 2021	Jul 15, 2021		

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