



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

October 10, 2024

MEMORANDUM TO: Holly D. Cruz, Chief
Non-Power Production and Utilization Facility
Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

FROM: Duane A. Hardesty, Senior Project Manager
Non-Power Production and Utilization Facility
Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 9, 2024, PUBLIC MEETING TO
DISCUSS SECTIONS OF THE NATIONAL ORGANIZATION OF
TEST, RESEARCH AND TRAINING REACTORS, INC. PROPOSED
NEI 23-03 GUIDANCE ON THE 50.59 PROCESS FOR DIGITAL
APPLICATIONS (EPID: L-2023-NFG-0002)

A handwritten signature in blue ink, appearing to read "Duane A. Hardesty", is located to the left of the text "Signed by Hardesty, D. on 10/10/24".

Signed by Hardesty, D.
on 10/10/24

On October 9, 2024, (Agencywide Documents Access and Management System Accession No. ML24255A823), the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting with the National Organization of Test, Research, and Training Reactors (TRTR) staff to continue to discuss endorsement of Nuclear Energy Institute (NEI) 23-03. A list of attendees is provided as an enclosure to this memorandum.

During the meeting, NRC and TRTR representatives discussed the NRC staff comments on the NEI 23-03 guidance of human system interface (HSI) screening and the single failure criteria as applied to non-power reactors. The group also discussed comments on the implementation guidance to perform qualitative analysis. NRC and TRTR agreed to shift the narrative to focus the HSI evaluation on the key steps upfront as opposed to later in the example. Representatives at the meeting scheduled the next meeting to review NRC comments in Enclosure A on qualitative assessment and to continue the discussion on the approach to HSI in Section 4.4.2. in a public meeting set for November 6, 2024. There were no members of the public present in the meeting.

Enclosure:
As stated

CONTACT: Duane Hardesty
NRR/DANU
301-415-3724

SUBJECT: SUMMARY OF OCTOBER 9, 2024, PUBLIC MEETING TO DISCUSS
SECTIONS OF THE NATIONAL ORGANIZATION OF TEST, RESEARCH AND
TRAINING REACTORS, INC. PROPOSED NEI 23-03 GUIDANCE ON THE
50.59 PROCESS FOR DIGITAL APPLICATIONS (EPID: L-2023-NFG-0002)

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OFFICE	NRR/DANU/UNPL/PM	NRR/DANU/UNPL/BC	NRR/DANU/UNPL/PM
NAME	DHardesty	HCruz	DHardesty
DATE	10/9/2024	10/10/2024	10/10/2024

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**MEETING WITH NATIONAL ORGANIZATION FOR
TEST, RESEARCH, AND TRAINING REACTORS**

OCTOBER 9, 2024, 10:30 A.M. – 1:30 P.M.

LIST OF ATTENDEES

NAME

David Beaulieu
Norbert Carte
Duane Hardesty
Holly Cruz
Aron Lewin
Andrew Miller
Jeffrey A Geuther, Ph D
Frances Pimentel
Steven Richard Reese
Ryan Marcum
Thomas Eiden

ORGANIZATION

U.S. Nuclear Regulatory Commission
U.S. Nuclear Regulatory Commission
U.S. Nuclear Regulatory Commission
U.S. Nuclear Regulatory Commission
U.S. Nuclear Regulatory Commission
U.S. Nuclear Regulatory Commission
Penn State University
Nuclear Energy Institute
Oregon State University
icoperative
Atomic Alchemy