



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

June 27, 2024

MEMORANDUM TO: Cinthya Román, Deputy Director
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Bernard White, Senior Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in black ink that reads "Bernard White".

Signed by White, Bernard
on 06/27/24

SUBJECT: SUMMARY OF MAY 1, 2024, MEETING WITH NAC INTERNATIONAL
ON REVISION TO CERTIFICATE OF COMPLIANCE NO. 9225

Background

By letter dated January 11, 2024 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML24011A277), NAC International, Inc., (NAC) submitted an application for revision to Certificate of Compliance No. 9225 for the Model No. NAC-LWT transport package. The application includes a request to add Los Alamos National Laboratory mixed oxide fuel rods as an authorized content. NRC issued a request for additional information on May 10, 2024 (ML24114A027).

On May 1, 2024, a meeting was held, between NAC and the U.S. Nuclear Regulatory Commission (NRC) staff to discuss NAC's proposed changes to revise its request to add Los Alamos National Laboratory mixed oxide fuel rods as an authorized content. The meeting was noticed on April 18, 2024 (ML24109A199). The list of meeting attendees is provided as Enclosure 1. The non-proprietary presentation slides are Enclosure 2 and the proprietary meeting slides are as Enclosure 3.

Discussion

NAC requested the meeting to discuss a proposed design change for the divider assembly which separates the transfer tubes which hold the mixed oxide rods. NAC stated that, in addition to the design change, it determined that the divider assembly is not needed to perform a safety function. Therefore, when NAC responds to the NRC's request for additional information, it will make the divider assembly optional.

CONTACT: Bernard White, NMSS/DFM
(301) 415-6577

Enclosure 3 transmitted herewith contains proprietary information. When separated from enclosure 3, this memo and enclosures 2 & 4 are decontrolled.

C. Román

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NAC stated that the weight of the divider assembly is still considered in the evaluation of package weight and evaluation of center of mass. However, since it does not provide a safety function, it does not need to meet any codes and standards. NAC stated that it would not rely on the divider assembly in the criticality analysis when it replies to the NRC's request for additional information.

Docket No. 71-9225

EPID No. L-2023-LLA-0124

Enclosures:

1. Meeting Attendees
2. Non-Proprietary Meeting Slides
3. Proprietary Meeting Slides
4. Affidavit

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DOCUMENT DATE: June 27, 2024

DISTRIBUTION:

NRC Meeting Attendees

ADAMS Accession No.: ML24178A354(pkg), ML24 ML24178A358 (memo & encl 1), ML24178A357 (encl 2), ML24178A356 (encl 3, non-public), ML24178A355 (encl 4)

OFFICE	NMSS/DFM	NMSS/DFM	NMSS/DFM	NMSS/DFM
NAME	BWhite	SFiguroa	YDiaz-Sanabria	BWhite
DATE	6/27/2024	6/27/2024	6/27/2024	6/27/2024

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MEETING ATTENDEES

Meeting Title: SUMMARY OF MAY 1, 2024, MEETING WITH NAC INTERNATIONAL ON REVISION TO CERTIFICATE OF COMPLIANCE NO. 9225

Participants: NAC International and the U.S. Nuclear Regulatory Commission (NRC)

Date: May 1, 2024

NAME	AFFILIATION
Bernard White	NRC
Alexis Sotomayor-Rivera	NRC
Andrew Barto	NRC
Tom Boyce	NRC
Jimmy Chang	NRC
Loren Howe	NRC
James Drabble	NRC
Yong Kim	NRC
George Carver	NAC International
Heath Baldner	NAC International
Steven Fellows	NAC International
Jeff England	NAC International
Mike Valenzano	NAC International
Dylan Russell	NAC International
Holger Pfeifer	NAC International
Kelly Sickafoose	NAC International
Janet Bivens	NAC International