



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

July 22, 2022

Wren Fowler, Director  
Licensing Engineering  
NAC International  
3930 East Jones Bridge Road, Suite 200  
Peachtree Corners, GA 30092

SUBJECT: AMENDMENT NO. 9 TO CERTIFICATE OF COMPLIANCE NO. 1015

Dear Wren Fowler:

As requested by your application dated July 30, 2021 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML21222A017), enclosed is amendment No. 9 to the Certificate of Compliance No. 1015 for the NAC-UMS storage system. This amended certificate, issued by the U.S. Nuclear Regulatory Commission (NRC) constitutes the approval and conditions for use of the NAC-UMS storage system for storage of spent nuclear fuel under the general license provisions of Title 10 of the *Code of Federal Regulations* (10 CFR), Part 72, Subparts K and L.

Amendment No. 9 to the Certificate of Compliance No. 1015 revises the NAC-UMS certificate to correct the effective thermal properties for pressurized-water reactor fuel assemblies used in the certification basis ANSYS thermal models and update some modeling assumptions. This rulemaking also corrects appendix B to the technical specifications for amendment No. 8.

As stated in the Federal Register (87 FR 35858, June 14, 2022), the effective date of this certificate is August 29, 2022. The NRC safety evaluation report for this amended certificate (including the technical specifications) is enclosed. If you have any questions regarding this amended certificate, please contact Bernard White at (301) 415-6577.

Sincerely,

A handwritten signature in black ink that reads "Yaira K. Diaz Sanabria".

Signed by Diaz-Sanabria, Yaira  
on 07/22/22

Yaira K. Diaz Sanabria, Chief  
Storage and Transportation Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1015

Enclosures:

1. CoC No. 1015
2. TS Appendix A
3. TS Appendix B
4. Final SER

W. Fowler

- 2 -

SUBJECT: AMENDMENT NO. 9 TO CERTIFICATE OF COMPLIANCE NO. 1015

Date: ~~July 22, 2022~~

Closes EPID No. L-2021-LLA-0150

**Distribution:**

DFM r/f

H. Lindsay, NMSS

K. Jamerson, NMSS

V. Cox, NMSS

Issuance of CoC 1015 Amendment No. 9 DATE July 22, 2022

DISTRIBUTION:

HLindsay, NMSS/DFM/IOB

KJamerson, NMSS/MSST/MSEB

VCox, NMSS/REFS/MRPB

**ADAMS Accession No.: ML22202A020; Ltr ML22202A021**

OFFICE	NMSS/DFM/STLB	NMSS/DFM/STLB	NMSS/DFM/STLB	
NAME	BWhite	BW/WWheatley	WW/YDiaz-Sanabria	YD
DATE	Jul 21, 2022	Jul 21, 2022	Jul 22, 2022	

**OFFICIAL RECORD COPY**