



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

September 28, 2021

Mr. Prakash Narayanan
Chief Technical Officer
TN Americas LLC
7135 Minstrel Way Suite 300
Columbia, MD 21045

SUBJECT: RENEWAL OF INITIAL CERTIFICATE AND AMENDMENT NOS. 1, 3, AND 4
OF CERTIFICATE OF COMPLIANCE NO. 1029 FOR THE ADVANCED
STANDARDIZED NUHOMS® HORIZONTAL MODULAR STORAGE SYSTEM
(CAC/EPID NOS. 001028/L-2019-RNW-0014)

Dear Mr. Narayanan:

As requested in your application dated May 22, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19148A484), and supplemented December 4, 2019 (ML19338E132), and July 10, 2020 (ML20192A127), enclosed are the renewed initial certificate and renewed Amendment Nos. 1, 3, and 4 of Certificate of Compliance (CoC) No. 1029 for the Advanced Standardized NUHOMS® Horizontal Modular Storage System. The certificates have been renewed for an additional 40-year term that expires on February 5, 2063, in accordance with the provisions of Title 10 of the *Code of Federal Regulations*, Part 72, Section 72.40 (10 CFR 72.240). The renewal of these certificates constitutes the U.S. Nuclear Regulatory Commission's (NRC) approval for continued use of the Advanced Standardized NUHOMS® Horizontal Modular Storage System for storage of spent nuclear fuel under the general licensing provisions of 10 CFR Part 72, Subpart K "General License for Storage of Spent Fuel of Power Reactor Sites," subject to the conditions in the renewed certificate. These conditions require the implementation of an approved aging management program (AMP) to ensure that structures, systems, and components important to safety will continue to perform their intended functions during the extended storage period authorized by the renewal.

As stated in the *Federal Register* (83 FR 44594, August 13, 2021), the effective date of this CoC is October 27, 2021. The NRC staff's final safety evaluation report for the renewal of the certificates, and Appendix A, "Technical Specifications," for each renewed certificate are also

enclosed. If you have any questions regarding the renewal of these certificates, please contact Mr. Christopher Markley at (301) 415-6293.

Sincerely,

John McKirgan, Chief
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 72-1029
CAC No. 001028
EPID No. L-2019-RNW-0014

Enclosures:
See Attached List

SUBJECT: RENEWAL OF INITIAL CERTIFICATE AND AMENDMENT NOS. 1, 3, AND 4 OF CERTIFICATE OF COMPLIANCE NO. 1029 FOR THE ADVANCED STANDARDIZED NUHOMS® HORIZONTAL MODULAR STORAGE SYSTEM (CAC/EPID NOS. 001028/L-2019-RNW-0014)

DOCUMENT DATE: September 28, 2021

DISTRIBUTION:

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ADAMS Accession Nos.: ML21246A086 (package); ML21067A165 (Letter) *By email

OFFICE	NMSS/DFM	NMSS/DFM	NMSS/DFM
NAME	CMarkley	WWheatley*	JMcKirgan*
DATE	12/10/2020	12/15/2020	4/9/2021

OFFICIAL RECORD COPY

List of Enclosures

Note: All enclosures are located in the Agencywide Documents Access and Management System (ADAMS) ML21246A086

1. Renewed Certificate of Compliance No. 1029, Renewed Initial Certificate (ML21258A021)
2. Conditions for Cask Use and Technical Specifications, Renewed Initial Certificate, Revision 1 (ML21258A016)
3. Renewed Certificate of Compliance No. 1029, Renewed Amendment 1 (ML21258A022)
4. Conditions for Cask Use and Technical Specifications, Renewed Amendment 1, Revision 1 (ML21258A017)
5. Renewed Certificate of Compliance No. 1029, Renewed Amendment 3 (ML21258A023)
6. Conditions for Cask Use and Technical Specifications, Renewed Amendment 3 (ML21258A018)
7. Renewed Certificate of Compliance No. 1029, Renewed Amendment 4 (ML21258A024)
8. Conditions for Cask Use and Technical Specifications, Renewed Amendment 4 Revision 1 (ML21258A019)
9. Final Safety Evaluation Report for Renewal of Initial Certificate and Amendments 1, 3, and 4, Revision 1, of CoC No. 1029 for the Advanced Standardized NUHOMS® Horizontal Modular Storage System (ML21258A020)