



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

May 5, 2021

Mr. Prakash Narayanan
Chief Technical Officer
TN Americas LLC
7160 Riverwood Drive, Suite 200
Columbia, MD 21046

SUBJECT: ISSUANCE OF CERTIFICATE OF COMPLIANCE NO. 1004, RENEWED AMENDMENT NO. 17 FOR THE STANDARDIZED NUHOMS® HORIZONTAL MODULAR STORAGE SYSTEM (DOCKET NO. 72-1004, CAC NO. 001028, EPID: L-2020-LLA-0128)

Dear Mr. Narayanan:

By a letter dated June 11, 2020 (Agencywide Document Access and Management System [ADAMS] Accession No. ML20174A089), as supplemented on September 11, 2020 (ADAMS Accession No. ML20255A206), TN Americas LLC submitted an application in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 72 for an amendment to Certificate of Compliance (CoC) No. 1004 for the Standardized NUHOMS® Horizontal Modular Storage System. Amendment No. 17 revises the certificate and technical specifications to add heat load zoning configurations 11–13 for the 61BTH Type 2 dry shielded canister and change the maximum assembly heat load from 1.2 kW to 1.7 kW. Amendment No. 17 also makes minor clarifications to the certificate of compliance.

As stated in the *Federal Register* (86 FR 15563, March 24, 2021), the effective date of Amendment No. 17 to CoC No. 1004 is June 7, 2021. Attached are CoC No. 1004, Amendment No. 17, and the corresponding technical specifications and final safety evaluation report (SER). This certificate constitutes the approval and conditions for the use of the Standardized NUHOMS® Horizontal Modular Storage System for the storage of spent nuclear fuel under the general licensing provisions of 10 CFR 72.210.

If you have any questions regarding this certificate, please contact Yen-Ju Chen of my staff at (301) 415-1018.

Sincerely,

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

CAC No.: 001028
Docket No.: 72-1004
EPID: L-2020-LLA-0128

Enclosures:

1. CoC No. 1004, A17, CoC
2. CoC No. 1004, A17, App A
3. CoC No. 1004, A17, App B-Table
of Content
4. CoC No. 1004, A17, App B-Text
5. CoC No. 1004, A17, App B-Tables
6. CoC No. 1004, A17, App B-Figures
7. CoC No. 1004, A17, App C
8. CoC No. 1004, A17, Final SER

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DOCUMENT DATED: May 5, 2021

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**ADAMS Accession Nos.: ML21109A325 (Pkg) ML21109A327 (Ltr)
ML21109A328-ML21109A335 (Enclosures) * concurrence via email**

OFFICE	DFM	DFM	DFM
NAME	YChen	WWheatley	JMcKirgan
DATE	5/4/2021	4/21/2021	4/21/2021

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