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May 22, 2019  
E-53825

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Subject: Renewal Application for the Standardized NUHOMS® System - CoC 1029

Reference: U.S. Nuclear Regulatory Commission, Certificate of Compliance for Spent Fuel Storage Casks, Certificate No. 1029, Amendment 0, February 5, 2003, Docket No. 72-1029

Pursuant to 10 CFR 72.240, TN Americas LLC (TN) hereby submits the enclosed application for renewal of the spent fuel storage cask Certificate of Compliance (CoC) No. 1029 for the Standardized Advanced NUHOMS® Horizontal Modular Storage System for Irradiated Nuclear Fuel. The Standardized Advanced NUHOMS® System CoC 1029, Amendment 0 was approved by the NRC on February 5, 2003 for storage of spent nuclear fuel by general licensees. The current expiration date for CoC 1029 is February 5, 2023.

TN Americas LLC, as the certificate holder of CoC 1029, is applying for a renewal of CoC 1029 for an additional 40 years, in accordance with 10 CFR 72.240(a). This application for CoC 1029 renewal includes the safety analysis report (SAR) information required by 10 CFR 72.240(c), including design bases information, time-limited aging analyses, and a description of the aging management program to be implemented.

This submittal includes proprietary information which may not be used for any purpose other than to support NRC staff review of the application. In accordance with 10 CFR 2.390, I am providing an affidavit (Enclosure 1) specifically requesting that you withhold this proprietary information from public disclosure. Accordingly, a public version of the renewal application is provided as Enclosure 3.

~~Enclosures transmitted herein contain SUNSI. When separated from enclosures, this transmittal document is decontrolled.~~

Should you have any questions regarding this submittal, please do not hesitate to contact Mr. Douglas Yates at 434-832-3101, or by email at [Douglas.Yates@orano.group](mailto:Douglas.Yates@orano.group).



Prakash Narayanan  
Chief Technical Officer

Enclosures:

1. Affidavit Pursuant to 10 CFR 2.390
2. Certificate of Compliance Renewal Application for the Standardized Advanced NUHOMS® System, Certificate of Compliance No. 1029 (Docket No. 72-1029), Revision 0 (Proprietary Version)
3. Certificate of Compliance Renewal Application for the Standardized Advanced NUHOMS® System, Certificate of Compliance No. 1029 (Docket No. 72-1029), Revision 0 (Public Version)

Electronic Information Exchange (EIE) Document Components:

001 Public TN Americas Transmittal Letter E-53825.pdf  
002 Public E-53825 Encl 1 Affidavit.pdf  
003 SUNSI E-53825 Encl 2 CoC 1029 Renewal Application R0-Proprietary.pdf  
004 Public E-53825 Encl 3 CoC 1029 Renewal Application R0-Public.pdf

cc: Christopher Markley, NRC SFM  
Doug Yates, Licensing Engineer, TN