

April 18, 2025

U.S. Nuclear Regulatory Commission
Director, Division of Spent Fuel Management
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Attn: Document Control Desk

Subject: Supplement to NAC International's Request to Amendment MAGNASTOR®
Cask System, Amendment No. 16

Docket No. 72-1031

- References:
1. U.S. Nuclear Regulatory Commission (NRC) Certificate of Compliance (CoC) No. 1031 for the NAC International MAGNASTOR Cask System, Amendment No. 14, March 19, 2025
 2. MAGNASTOR Cask System Final Safety Analysis Report (FSAR), Revision 16, NAC International, March 2025
 3. ED20250047, Initial Submission of an Amendment Request for the NAC International MAGNASTOR® Cask System Amendment No. 16, March 21, 2025

NAC International (NAC) hereby submits a supplement to our request to amend Reference 1. This supplement clarifies that mixed loadings of different assembly types and/or assembly subtypes within a single TSC is acceptable. The changes are limited to Appendix B of the Technical Specifications and Chapter 2 of the FSAR.

The changes to the FSAR contained herein are common to the proprietary and non-proprietary version of the FSAR. Enclosed in this amendment package are Revision 25B changed pages to Reference 2. Revision bars mark the FSAR text changes on the Revision 25B pages (Enclosure 3). Enclosure 1 contains the proposed Technical Specification changes for this amendment. Enclosure 2 details the list of FSAR changes. Consistent with NAC administrative practice, this proposed FSAR revision is numbered to uniquely identify the applicable changed pages. Additionally, the changes are identified by colored text. Upon final acceptance of this application, the 25A and 25B changed pages will be reformatted and incorporated into the next revision of the MAGNASTOR FSAR.

NAC is requesting an effective date for this amendment to be prior to October 2026.

If you have any comments or questions, please contact me on my direct line at 678-328-1252.

Sincerely,

Heath Baldner
Director, Licensing
Engineering

Enclosures:

- Enclosure 1 – Proposed Certificate of Compliance Changes, MAGNASTOR[®] FSAR, Amendment 16 – Supplement to Initial Submittal, Revision 25B
- Enclosure 2 – List of Changes for MAGNASTOR[®] FSAR, Amendment 16 – Supplement to Initial Submittal, Revision 25B
- Enclosure 3 – FSAR Changed Pages and LOEP for MAGNASTOR[®] FSAR, Amendment 16 – Supplement to Initial Submittal, Revision 25B