



October 22, 2021

Shana Helton - Director  
Division of Spent Fuel Management  
Office of Nuclear Material Safety and Safeguards

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: USNRC Docket No. 72-1008  
HI-STORM 100 Certificate of Compliance 1008  
HI-STORM Final Safety Analysis Report Update per 10 CFR 72.248(c)(6)

Reference: [1] Holtec Letter 5014886, "HI-STAR Final Safety Analysis Report Update per 10CFR 72.248(c)(6)," dated October 22, 2019, from K. Manzione (Holtec) to A. Kock (NRC)

Dear Ms. Helton,

In accordance with 10 CFR 72.248, Holtec International herewith submits Revision 5 of the Final Safety Analysis Report (FSAR) for the HI-STAR 100 Dry Spent Fuel Storage System.

This FSAR revision includes the effects of changes to the cask design or procedures made pursuant to 10 CFR 72.48 that were not previously incorporated into the FSAR, up to October 22, 2021.

The FSAR includes Holtec proprietary information. Therefore proprietary (Attachment 1) and non-proprietary (Attachment 2) versions of the FSAR are herewith submitted. Attachment 3 to this letter is an affidavit prepared in accordance with 10 CFR 2.390 requesting that Attachment 1 be withheld from public disclosure due to its proprietary nature.

The next update in accordance with 10 CFR 72.248(c)(6) will be provided in October 2023.

If you have any questions, please contact me at (856)-797-0900 ext. 3951.

Sincerely,

A handwritten signature in blue ink that reads "Kim Manzione".

Kimberly Manzione  
Licensing Manager,  
Holtec International



cc: John McKirgan (NRC) (letter only)

Attachments:

Attachment 1: HI-STAR 100 Cask System Final Safety Analysis Report, HI-2012610 Rev. 5  
(Proprietary)

Attachment 2: HI-STAR 100 Cask System Final Safety Analysis Report, HI-2012610 Rev. 5  
(Non Proprietary)

Attachment 3: Affidavit Pursuant to 10 CFR 2.390