



April 18, 2022

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. 72-1014
HI-STORM 100 Certificate of Compliance 1014
HI-STORM Final Safety Analysis Report Update

Reference: [1] HI-STORM Final Safety Analysis Report Update (Holtec Letter 5014895
from J. Tomlinson (Holtec) to A. Kock (NRC) dated April 30, 2020)

Dear Ms. Helton,

In accordance with 10 CFR 72.248, Holtec International herewith submits Revision 23 of the Final Safety Analysis Report (FSAR) for the HI-STORM 100 Dry Spent Fuel Storage System. Revision 19 of the FSAR for the HI-STORM 100 Dry Spent Fuel Storage System was certified in accordance with 10 CFR 72.248(c)(6) up to April 2020 [1].

Revision 23 of the HI-STORM 100 FSAR includes the effects of all changes to the cask design or procedures that have received prior NRC review and approval through Amendment 15 to the HI-STORM CoC. This FSAR revision also 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 April 15, 2022.

All changes included in the FSAR text, tables and figures are indicated with a revision bar in the right margin. The revision bars indicate the specific location of the changes on the affected pages. A Summary of Revisions, which identifies the changes to each chapter, is provided in Revision 23 of the FSAR.

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 April 2024.

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
Director of Licensing – NMSS Projects,
Holtec International

Enclosures:

Enclosure 1: HI-STORM 100 Cask system final Safety Analysis Report, HI-2002444 Rev. 23
(Proprietary)

Enclosure 2: HI-STORM 100 Cask system final Safety Analysis Report, HI-2002444 Rev. 23
(Non Proprietary)

Enclosure 3: Affidavit Pursuant to 10 CFR 2.390 to withhold Information from Public Disclosure