



April 15, 2022

Mr. Jose Cuadrado, Project Manager
Division of Fuel Management
Office of Nuclear Material Safety and Safeguards

Docket Number: 72-1051

Subject: Holtec International HI-STORE CIS (Consolidated Interim Storage Facility)
License Application Responses to Requests for Additional Information – 3rd
Round

Reference: [1] “Holtec International’s Application for Specific Independent Spent Fuel
Storage Installation License for the HI-STORE Consolidated Interim Storage
Facility for Spent Nuclear Fuel – Third Request for Additional Information,”
letter from J. Cuadrado (NRC) to K. Manzione (Holtec) dated March 23, 2022

Mr. Cuadrado,

Holtec is pleased to to submit the attached responses to the staff’s requests for additional
information (RAIs) [1] on the HI-STORE Consolidated Storage Application.

The attachments listed below contain the RAI responses, updated proposed Technical
Specifications, updated Safety Analysis Report, and associated supporting documents. Since a
number of these attachments are considered proprietary, attachment 18 contains an affidavit
pursuant to 10CFR2.390 requesting that this information be withheld from public disclosure.

If you have any questions, please contact me at k.manzione@holtec.com or (856) 797-0900 ext.
3951.

Sincerely,

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

Kimberly Manzione
Licensing Manager
Holtec International



cc: Letter Only

Shana Helton, NRC

Yaira Diaz-Sanabria, NRC

Jill Caverly, NRC

Attachments:

Attachment 1: HI-STORE Round 3 RAI Responses - Proprietary

Attachment 2: HI-STORE Round 3 RAI Responses – Non-Proprietary

Attachment 3: Proposed HI-STORE License / Technical Specifications – Non-Proprietary

Attachment 4: HI-STORE SAR Rev 0P – Proprietary

Attachment 5: HI-STORE SAR Rev 0P – Non-Proprietary

Attachment 6: HI-2188143 Rev 3 – Proprietary

Attachment 7: HI-2210619 Rev 2 – Proprietary

Attachment 8: HI-2210620 Rev 1 – Proprietary

Attachment 9: HI-2210487 Rev 1 – Proprietary

Attachment 10: HI-2200954 Rev 2 – Proprietary

Attachment 11: HI-2177585 Rev 3 – Proprietary

Attachment 12: HI-2177599 Rev 4 – Proprietary

Attachment 13: HI-2210576 Rev 1 – Proprietary

Attachment 14: HI-2177553 Rev 3 – Proprietary

Attachment 15: PS-5025-0001 Rev 0 – Proprietary

Attachment 16: Static, Seismic Analysis and Mechanical Calculations – Proprietary

Attachment 17: CIS-RP-003-03 – PMF Analysis - Proprietary

Attachment 18: Affidavit Pursuant to 10CFR2.390