



January 4, 2021

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 Supplemental Information

Reference: [1] NRC Letter, "Holtec International's Application for Specific Independent Spent Fuel Storage Installation License for the HI-STORE Consolidated Interim Storage Facility for Spent Nuclear Fuel- First Request for Additional Information, Part 6", from J. Cuadrado (NRC) to K. Manzione (Holtec) dated August 10, 2019

Mr. Cuadrado,

Holtec is pleased to submit supplemental information to support the previously submitted responses to RAIs [1]. This letter contains a number of supporting responses and documents to aid the staff's review.

Attachment 1 contains an RAI response that was inadvertently omitted from a previous submittal. Attachment 2 and 3 contain the updated HI-STORE SAR, in both proprietary and non-proprietary versions. Attachments 4 through 8 contain proprietary shielding calculations that support the previously submitted RAI responses (November 2020). Attachment 9 contains a proprietary calculation related to the previously submitted RAIs related to explosion hazards (September 2020). Attachment 10 contains a proprietary structural calculation that supports the previously submitted RAI responses (November 2020). Since some of these attachments are considered proprietary, an affidavit pursuant to 10CFR2.390 is included as Attachment 11, requesting that this information be withheld from public disclosure.

If you have any questions, please contact me at [k.manzione@holtec.com](mailto: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

Andrea Kock, NRC  
John McKirgan, NRC  
Jill Caverly, NRC

Attachments:

- Attachment 1: Responses to RAI 17-8 – Non-Proprietary
- Attachment 2: HI-STORE SAR Revision 0M – Proprietary
- Attachment 3: HI-STORE SAR Revision 0M – Non-Proprietary
- Attachment 4: HI-2177599 Rev 2 – Proprietary
- Attachment 5: HI-2177600 Rev 2 – Proprietary
- Attachment 6: HI-2200954 Rev 0 – Proprietary
- Attachment 7: HI-2201004 Rev 0 – Proprietary
- Attachment 8: HI-2201053 Rev 0 – Proprietary
- Attachment 9: HI-2200797 Rev 1 – Proprietary
- Attachment 10: HI-2177585, Supplements 4, 9, 10 – Proprietary
- Attachment 11: Affidavit Pursuant to 10CFR2.390 – Non-Proprietary