



August 16, 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 Responses to Requests for Additional Information – 2nd
Round, Part 2

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 – Second Request for Additional
Information,” from J. Cuadrado (NRC) to K. Manzione (Holtec) dated May 20,
2021

Mr. Cuadrado,

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

Attachments 1 and 2 contain the responses to the RAIs in proprietary and non-proprietary
versions. Attachments 3 and 4 contain the revised HI-STORE SAR, in proprietary and non-
proprietary versions. All changes since the initial submittal are shown in track changes,
however, the changes made in relation to these RAI responses are highlighted in yellow to ease
the staff’s review. Additional supporting documents are included as Attachments 5 through 18.
Since some of these attachments are considered proprietary, an affidavit pursuant to 10CFR2.390
is included as Attachment 19, 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,



Kim Manzione

Kimberly Manzione
Licensing Manager
Holtec International

cc: Letter Only

Shana Helton, NRC
John McKirgan, NRC
Jill Caverly, NRC

Attachments:

Attachment 1: Responses to Requests for Additional Information – Proprietary
Attachment 2: Responses to Requests for Additional Information – Non-Proprietary
Attachment 3: HI-2167374 HI-STORE CIS SAR Rev 00 - Proprietary
Attachment 4: HI-2167374 HI-STORE CIS SAR Rev 00 – Non-Proprietary
Attachment 5: HI-STORE License and Technical Specifications – Non-Proprietary
Attachment 6: HI-2210487 – Proprietary
Attachment 7: HI-2210619 – Proprietary
Attachment 8: HI-2210620 – Proprietary
Attachment 9: HI-2200954 – Proprietary
Attachment 10: HI-2177599 – Proprietary
Attachment 11: HI-2177591 – Proprietary
Attachment 12: HI-2177553 – Proprietary
Attachment 13: HI-2177597 – Proprietary
Attachment 14: CIS-RP-003-02– Proprietary
Attachment 15: CIS-CS-001-00 – Proprietary
Attachment 16: Letters with Additional Information – Proprietary
Attachment 17: CIS-RP-001-01– Non-Proprietary
Attachment 18: References for RAI 2-8 – Non-Proprietary
Attachment 19: Affidavit Pursuant to 10CFR2.390