



Krishna P. Singh Technology Campus, 1 Holtec Blvd., Camden, NJ 08104

Telephone (856) 797-0900

Fax (856) 797-0909

November 29, 2021

Norma Garcia Santos – Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety and Safeguards

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

Docket No. 72-1032, Certificate of Compliance (CoC) No. 1032
EPID L-2019-LLA-0231

Subject: Revised Supplemental Responses to HI-STORM FW Amd. 6 Requests for Additional Information

Reference(s):

- [1] NRC Letter, “Application for the Model No. HI-STORM FW Storage System, Amendment No. 6 – Staggered First Request for Additional Information,” from Norma Garcia Santos (NRC) to Christopher O’Mullane (Holtec), dated September 24, 2020.
- [2] NRC Letter, “Application for the Model No. HI-STORM FW Storage System, Amendment No. 6 – Final Staggered Request for Additional Information,” from Norma Garcia Santos (NRC) to Christopher O’Mullane (Holtec), dated November 6, 2020.
- [3] Holtec Letter 5018081, “Holtec Responses to HI-STORM FW Amd. 6 Requests for Additional Information,” from Christopher O’Mullane (Holtec) to Norma Garcia Santos (NRC), dated December 21, 2020.
- [4] NRC Conversation Record, “Conference Call with Holtec International--Clarify Thermal, Materials, and Structural RAI Responses Regarding HISTORM FW, Amendment 6 (Docket No. 72-1032),” dated March 8, 2021.



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[5] NRC Conversation Record, “Conference Call with Holtec International-- Discuss response to Structural RAI 3-3 Regarding HISTORM FW, Amendment 6 (Docket No. 72-1032),” dated March 24, 2021.

[6] Holtec Letter 5018089, “Supplemental Responses to HI-STORM FW Amd. 6 Requests for Additional Information,” from Christopher O’Mullane (Holtec) to Norma Garcia Santos (NRC), dated August 2, 2021.

Dear Ms. Garcia Santos:

By letters dated September 24, 2020 [1] and November 6, 2020 [2], the NRC staff sent staggered Requests for Additional Information (RAIs) needed to complete their detailed technical review of Amendment 6 of the HI-STORM FW Certificate of Compliance (CoC) 72-1032. Holtec provided responses to the RAIs by letter dated December 21, 2020 [3]. Subsequent to submittal of these responses, Holtec and the NRC staff participated in two telephone conference calls on March 8, 2021 [4] and March 24, 2021 [5], during which it was determined that clarification was warranted for Holtec’s responses to Thermal RAIs 4-1 & 4-2, Materials RAI 4-1, and Structural RAIs 3-1, 3-2, & 3-3. Holtec provided supplemental responses to these RAIs by letter dated August 2, 2021 [6]. Following submittal of the supplemental responses, further discussion between Holtec and the NRC staff regarding Thermal RAIs 4-1 & 4-2 and Structural RAIs 3-1, 3-2, & 3-3 determined additional clarification was necessary. Holtec is pleased to submit its revised supplemental responses in Attachment 1 of this letter.

Attachments 2 & 3 contain the proprietary and non-proprietary versions of the HI-STORM FW FSAR with changes specifically resulting from the latest revisions of the supplemental responses. Note that any previous changes associated with Amendment 6 remain tracked in Attachments 2 & 3, while only the latest changes are highlighted for clarity.

Attachment 4 contains Appendix A of CoC 72-1032 with changes specifically resulting from the latest revisions of the supplemental responses. Note that any previous changes associated with Amendment 6 remain tracked in Attachment 4, while only the latest changes are highlighted for clarity.

As Attachment 2 is considered proprietary, an affidavit requesting that this information be withheld from public disclosure in accordance with 10CFR2.390 is contained in Attachment 5.



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If you have any questions, please contact me at c.omullane@holtec.com or 856-912-1162.

Sincerely,

A handwritten signature in blue ink, appearing to read "C. O'Mullane".

Christopher O'Mullane
Licensing Engineer,
Holtec International

cc:(via email)

Yaira Diaz-Sanabria (USNRC)

Kimberly Manzione (Holtec)

Attachments

- Attachment 1: HI-STORM FW Amendment 6 RAI Supplemental Responses Revised November 29, 2021 (NON-PROPRIETARY)
- Attachment 2: HI-STORM FW FSAR Proposed Revision 7.D Revised November 29, 2021 (PROPRIETARY)
- Attachment 3: HI-STORM FW FSAR Proposed Revision 7.D Revised November 29, 2021 (NON-PROPRIETARY)
- Attachment 4: HI-STORM FW Amendment 6 CoC, Appendix A – Revised November 29, 2021 (NON-PROPRIETARY)
- Attachment 5: Affidavit in Accordance with 10CFR2.390