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May 8, 2023

Yen-Ju Chen, Sr. Project Manager
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

Docket No. 72-1032, Certificate of Compliance (CoC) No. 1032
CAC No. 001028, EPID No. L-2021-LLA-0053

Subject: HI-STORM FW Amendment 7 Responses to Requests for Additional Information Part 5

Reference: [1] "Amendment No. 7 to Certificate of Compliance No. 1032 for the HI-STORM Flood/Wind Multipurpose Canister Storage System – Request for Additional Information Batch 5," letter from Y. Chen (NRC) to D. Elisio (Holtec) dated March 23, 2023. ADAMS Accession No. ML23074A101.
[2] "Conversation Call with Holtec on HI-STORM FW Amendment 7 RAI Batch 5," conversation record of March 29, 2023, call between Holtec and NRC. ADAMS Accession No. ML23100A091.
[3] "Schedule for Responses to HI-STORM FW Amd. 7 Requests for Additional Information Part 5," letter from D. Elisio (Holtec) to Y. Chen (NRC) dated April 6, 2023. ADAMS Accession No. ML23096A301.

Dear Ms. Chen:

By letter dated March 23, 2023 [1], the NRC staff sent Requests for Additional Information (Part 5) to support review of Amendment 7 for the HI-STORM FW Certificate of Compliance No. 1032. A clarification call [2] between Holtec and the NRC was held on March 29, 2023. Holtec understood the need for additional information and expressed our plan to submit that information by May 8, 2023, in a letter dated April 6, 2023 [3]. Holtec's responses to the NRC staff RAIs Part 5 are in the attachments to this letter.

The responses to the RAIs are provided in Attachment 1, with Attachment 2 being a non-proprietary copy. Changes to the FSAR as a result of the RSIs are included in Attachments 3 and 4.
Document ID 5018104
Page 1 of 2



4 for both proprietary and non-proprietary versions, respectively. All proposed changes in Attachments 3 and 4 based on the RAI responses are highlighted in yellow to facilitate the NRC staff's review. Attachments 5 and 6 contain the revised licensing drawings supporting the RAI responses. Attachments 7 through 9 contain proprietary documents to support the RAI responses.

Since some attachments to this letter contain Holtec proprietary information, an affidavit requesting this information be withheld in accordance with 10CFR2.390 is included as Attachment 10. If you have any questions or require any additional information, please contact me at 856-797-0900 ext. 3326.

Sincerely,

Denise Elisio
Licensing Engineer,
Holtec International

cc:(via email)

Yaira Diaz-Sanabria (USNRC)

Kimberly Manzione (Holtec)

Attachments:

Attachment 1: HI-STORM FW Amendment 7 RAI Responses Part 5 (proprietary)

Attachment 2: HI-STORM FW Amendment 7 RAI Responses Part 5 (non-proprietary)

Attachment 3: HI-STORM FW FSAR Proposed Revision 10H, changed pages (proprietary)

Attachment 4: HI-STORM FW FSAR Proposed Revision 10H, changed pages (non-proprietary)

Attachment 5: Changes to Proposed Licensing Drawing-12283 (proprietary)

Attachment 6: Changes to Proposed Licensing Drawing-12288 (proprietary)

Attachment 7: Appendix N to Holtec Report HI-2094353, Analysis of Non-Mechanistic Tipover and Drop Events of Loaded HI-STORM FW Storage Cask (Revision 19)
(proprietary)

Attachment 8: Holtec Report HI-2200503, Analysis of the Non-Mechanistic Tipover Event of the Loaded HI-STORM FW Version E Storage Cask (Revision 4) (proprietary)

Attachment 9: Holtec Report HI-2210313, Analysis of the Non-Mechanistic Tipover Event of the Loaded HI-STORM FW Version UVH Storage Cask (Revision 1)
(proprietary)

Attachment 10: Affidavit in Accordance with 10CFR2.390