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June 30, 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 RAI Responses Part 5 Clarification Call Action Items

Reference: [1] "Clarification Call with Holtec on HI-STORM FW Amendment 7 Request for Additional Information (RAI) Batch 5 Response" Conversation Record between Holtec and NRC associates dated June 15, 2022. ADAMS Accession No. ML23177A278.
[2] "HI-STORM FW Amendment 7 Responses to Requests for Additional Information Part 5" letter from D. Elisio (Holtec) to Y. Chen (NRC) dated May 8, 2023. ADAMS Accession No. ML23128A303.

Dear Ms. Chen:

By conversation dated June 15, 2023 [1], the NRC Staff requested clarification on some of the Holtec responses to RAIs Part 5 [2] to continue their review of the HI-STORM FW Amendment 7. Actions to provide clarification per the NRC Staff's request are summarized in Attachment 1. Updated responses to the RAIs are provided in Attachment 2, with Attachment 3 being a non-proprietary copy. Changes in Attachments 2 and 3 are marked with revision bars. Changes to the FSAR as a result of the clarifications are included in Attachments 4 and 5 for both proprietary and non-proprietary versions, respectively. All proposed changes in Attachments 4 and 5 based on the clarifications are highlighted in yellow to facilitate the NRC Staff's review. Attachments 6 and 7 contain supporting proprietary documents for the changes made with regards to the clarifications.

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 8.

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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)

Bernard White (USNRC)

Kimberly Manzione (Holtec)

Attachments:

Attachment 1: Summary of Clarification Call Action Items (non-proprietary)

Attachment 2: Updated HI-STORM FW Amendment 7 RAI Responses (proprietary)

Attachment 3: Updated HI-STORM FW Amendment 7 RAI Responses (non-proprietary)

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

Attachment 5: HI-STORM FW FSAR Proposed Revision 10I, changed pages (non-proprietary)

Attachment 6: Holtec Dry Storage Position Paper DS-331, Structural Acceptance Criteria for the Metamic-HT Fuel Basket, Revision 2 (proprietary)

Attachment 7: Appendix C to Holtec Report HI-2200503, Analysis of the Non-Mechanistic Tipover Event of the Loaded HI-STORM FW Version E Storage Cask, Revision 5 (proprietary)

Attachment 8: Affidavit in Accordance with 10CFR2.390