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October 21, 2019

Yen Chen, Project Manager – Licensing Branch
Division of Spent 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

- Reference:
- [1] Holtec Letter 5018061, “HI-STORM FW Amendment 5 Resubmittal,” from K. Manzione (Holtec) to J. McKirgan (NRC), dated June 15, 2018.
 - [2] “Amendment No. 5 to Certificate of Compliance No. 1032 for the HI-STORM Flood/Wind Multipurpose Canister Storage System – Request for Additional Information” (Letter from Y. Chen (NRC) to J. Tomlinson (Holtec), dated September 3, 2019)
 - [3] Email from J. Tomlinson (Holtec) to Y. Chen (NRC), “HI-STORM FW Amendment 5 RAI Response Schedule”, dated September 13, 2019.

Subject: HI-STORM FW Amendment 5 Response to Request for Additional Information – Batch 2

Dear Ms. Chen:

By letter dated September 3, 2018 [2], NRC staff documented requests for additional information (RAIs) that are required to complete their detailed technical review of HI-STORM FW CoC 1032 Amendment Request 5 [1] submitted June 15, 2018.

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As discussed in email [3], Holtec will submit the response to the RAIs in two batches. Holtec's responses to NRC staff RAIs designated as Batch 2 and supporting information are in the attachments to this letter.

Attachments 1 and 2 to this letter contains responses to the RAIs in Batch 2 in proprietary and non-proprietary versions. Changes to the Certificate of Compliance (CoC) Appendices A and B as a result of the RAI responses are contained in Attachments 3 and 4 respectively. Additionally, revised FSAR pages to support the RAI responses are included as Attachments 5 and 6 in proprietary and non-proprietary versions. Changes related to these pages in response to the RAIs are highlighted in yellow. Both the CoC Appendices and FSAR chapters were updated to include the changes approved in Amendment 4. These changes are not marked as revisions, since they are not part of the proposed changes for Amendment 5. Attachments 7 and 8 contain the Holtec thermal and shielding proprietary reports, which support the RAI responses. Attachments 9 and 10 contain the data files which support the thermal and shielding analysis reports. Since some of the attachments to this letter are considered proprietary, an affidavit pursuant to 10CFR2.390 requesting that this information be withheld from public disclosure is included as Attachment 11.

Please contact me at (856)797-0900 extension 3765 if you have any questions or require any additional information.

Sincerely,

Joyce Tomlinson
Adjunct Licensing Manager
Holtec International

cc: (letter only without attachments)
Andrea Kock (NRC)
Dan Doyle (NRC)

Attachments:



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- Attachment 1: Response to Request for Additional Information on HI-STORM FW Amendment 5 (proprietary)
- Attachment 2: Response to Request for Additional Information on HI-STORM FW Amendment 5 (non-proprietary)
- Attachment 3: HI-STORM FW Amendment 5 Certificate of Compliance, Appendix A changed pages (non-proprietary)
- Attachment 4: HI-STORM FW Amendment 5 Certificate of Compliance, Appendix B changed pages (non-proprietary)
- Attachment 5: HI-STORM FW FSAR (Proposed Rev. 6.I), changed pages (proprietary)
- Attachment 6: HI-STORM FW FSAR (Proposed Rev. 6.I), changed pages (non-proprietary)
- Attachment 7: HI-2094400 Rev. 28 "Thermal Evaluation of HI-STORM FW" (proprietary)
- Attachment 8: HI-2094431 Rev. 21 "HI-STORM FW and HI-TRAC VW Shielding Analysis" (proprietary)
- Attachment 9: Thermal Analysis Input/ Output Files (proprietary)
- Attachment 10: Shielding Analysis Input/ Output Files (proprietary)
- Attachment 11: Affidavit in Accordance with 10 CFR 2.390