



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

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October 4, 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 1

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 1 and supporting information are in the attachments to this letter.

Attachments 1 and 2 to this letter contains responses to RAIs in Batch 1 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 Attachment 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 through 10 contain the Holtec proprietary reports requested in RAI 3-3. Attachment 11 contains data files to support the shielding RAI responses. 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 12.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Joyce Tomlinson", with a long horizontal flourish extending to the right.

Joyce Tomlinson  
Adjunct Licensing Manager  
Holtec International

cc: (letter only without attachments)  
Mike Layton (NRC)  
John McKirgan (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. 5.H), changed pages (proprietary)
- Attachment 6: HI-STORM FW FSAR (Proposed Rev. 5.H), changed pages (non-proprietary)
- Attachment 7: HI-2094392 Rev. 8 Appendix E, "Response of HI-TRAC VW Version V to Tornado Wind Load and large Missile Impact" (proprietary)
- Attachment 8: HI-2094392 Rev. 8 Appendix F, "Missile Penetration analysis for HI-TRAC VW Version V" (proprietary)
- Attachment 9: HI-2094418 Rev. 31 Supplement 23, "HI-TRAC VW Version V Bottom Lid Analysis"
- Attachment 10: HI-2094418 Rev. 31 Supplement 24, "HI-TRAC VW Version V Water Jacket Analysis"
- Attachment 11: Shielding Analysis Input/ Output Files (proprietary)
- Attachment 12: Affidavit in Accordance with 10 CFR 2.390