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July 30, 2020

Yen-Ju Chen Sr. Project Manager – Licensing Branch  
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. 72-1014, Certificate of Compliance (CoC) No. 1014

Subject: Submittal of Supplemental Information to response to RAIs 6-1, 6-2, 6-7, 6-8 and 11-1 for HI-STORM 100 Amendment Number 15

Reference(s): [1] “Amendment No. 15 to Certificate of Compliance No. 1014 for the HI-STORM 100 Multipurpose Canister Storage System – Request for Additional Information” (Letter from Yen-Ju Chen (NRC) to Joyce Tomlinson (Holtec) dated March 6, 2020)  
[2] “Submittal of Responses to NRC’s 1st Round RAIs for HI-STORM 100 Amendment Number 15” (Letter 5014896 from Joyce Tomlinson (Holtec) to Yen-Ju Chen (NRC) dated April 28, 2020)  
[3] NRC Conversation Record 2020-0512 between NRC and Holtec, ML20140A334.

Dear Ms. Chen:

By letter dated March 6, 2020 [1], NRC staff requested additional information (RAIs) needed to complete their detailed technical review of HI-STORM 100 Amendment 15 to the Certificate of Compliance No. 1014. Holtec responded to the RAIs on April 28, 2020. Subsequent to the RAI response submittal, the NRC and Holtec had conversations to provide clarification on the responses May 12<sup>th</sup> 2020. Conversation Record [3] outlines the discussion and request for clarifying information.

Attachment 1 to this letter contains the clarification information to the responses to RAIs 6-1, 6-2, 6-7, 6-8 and 11-1 in a proprietary version. Attachment 2 contains the clarification information in a non-proprietary version. Attachment 3 contains the CoC changed pages. Attachments 4 and 5 contain the FSAR changed pages in proprietary and non-proprietary versions. Both the CoC and Document ID 5014905  
Page 1 of 2



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FSAR pages utilize track changes and yellow highlighting to identify changes specific to these RAI responses. Attachments 6 and 7 contain the shielding calculation package and supporting files required to support the responses. Holtec considers information in Attachments 1, 4, 6 and 7 to be proprietary information; therefore, Attachment 8 to this letter is an affidavit prepared in accordance with 10 CFR 2.390 requesting that Attachments 1, 4, 6 and 7 be withheld from public disclosure.

If you have any questions, please contact me at 856-797-0900 ext. 3765.

Sincerely,

Joyce Tomlinson  
Adjunct Licensing Manager,  
Holtec International

cc: (via email)  
Andrea Kock (USNRC)  
John McKirgan (USNRC)

Attachments:

- Attachment 1: Response to Requests for Supplemental Information to RAIs 6-1, 6-2, 6-7, 6-8 and 11-1 for HI-STORM 100 LAR 1014-15 response. (proprietary)
- Attachment 2: Response to Requests for Supplemental Information to RAIs 6-1, 6-2, 6-7, 6-8 and 11-1 for HI-STORM 100 LAR 1014-15 response. (non-proprietary)
- Attachment 3: HI-STORM 100 CoC No. 1014 Revision 15 proposed changed pages (non-proprietary)
- Attachment 4: HI-STORM 100 FSAR proposed changed pages (Proposed Rev 17C) (proprietary)
- Attachment 5: HI-STORM 100 FSAR proposed changed pages (Proposed Rev 17C) (non-proprietary)
- Attachment 6: HI-2188253R3, "HI-STORM 100S Version E Shielding Analysis" (proprietary)
- Attachment 7: Shielding Calculation Input/ Output Files (proprietary)
- Attachment 8: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure (non-proprietary)