



November 10, 2017

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 on NRC's RAIs for HI-STORM 100 LAR
1014-11

Reference(s): [1] "Submittal of Responses to NRC's 2nd Round RAIs for HI-STORM 100 LAR
1014-11," Holtec Letter 5014827, from K. Manzione (Holtec) to Y. Chen (NRC)
dated September 8, 2017.

Dear Ms. Chen:

By letter dated September 8, 2017 [1], Holtec submitted responses to the NRC staff's requests for additional information. Subsequent discussions with NRC staff indicated that supplemental information would be useful for finishing the review. This letter contains the supplemental information as Attachment 1, and in a non-proprietary version as Attachment 2.

Additionally, for ease of the staff's review, this letter contains versions of the HI-STORM 100 CoC and FSAR (Attachments 3 through 5) with all changes from the initial submittal, RSIs, RAIs, and the current supplement marked using track changes. This package should provide a complete summary of all of the changes related to Amendment 11 for the staff to complete their review.

Attachments 6, 7, and 8 contain proprietary supporting references. Attachment 9 contains an affidavit prepared in accordance with 10 CFR 2.390 requesting that the proprietary attachments be withheld from public disclosure.

If you have any questions please contact me at 856-797-0900 ext. 3951.



Sincerely,

A handwritten signature in cursive script that reads "Kimberly Manzione".

Kimberly Manzione
Licensing Manager,
Holtec International

cc: (via email)
Mike Layton (USNRC)
John McKirgan (USNRC)
Meraj Rahimi (USNRC)

Attachments:

- Attachment 1: Supplemental Information for HI-STORM 100 Amendment 11 (proprietary)
- Attachment 2: Supplemental Information for HI-STORM 100 Amendment 11 (non-proprietary)
- Attachment 3: Proposed changes to CoC 1014 Amendment 11 Appendix A (non-proprietary)
- Attachment 4: Proposed changes to CoC 1014 Amendment 11 Appendix B (non-proprietary)
- Attachment 5: HI-STORM 100 FSAR Proposed Changed pages (Proposed Rev. 13.D) (non-proprietary)
- Attachment 6: Position Paper DS289 Revision 5 (proprietary)
- Attachment 7: HI-2084122 Revision 13, Metamic-HT Qualification Sourcebook (proprietary)
- Attachment 8: HI-2033074 Revision 8, HI-STORM 100S Version B Shielding Analysis, Appendix N (proprietary)
- Attachment 9: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure