



October 16, 2018

John McKirgan
Licensing Branch Chief
Office of Nuclear Material Safety and Safeguards

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 72-1040

Subject: HI-STORM UMAX Amendment 3, Thermal Evaluation RAI

Reference [1] NRC Letter, "Application for Holtec International HI-STORM UMAX Multipurpose Canister Storage System License Amendment Request No. 3 to Certificate of Compliance No. 1040 – Accepted for Review," from P. Longmire (NRC) to K. Manzione (Holtec), dated January 17, 2018
[2] Holtec Letter 5021044, "HI-STORM UMAX Amendment 3 RAI 4-1 Proposed Approach," from J. Tomlinson (Holtec) to J. McKirgan (NRC), dated May 23, 2018

Dear Mr. McKirgan:

Holtec is pleased to submit the response to the HI-STORM UMAX Amendment 3 RAI [1]. The response to this question follows the proposed approach that was submitted to the NRC staff previously [2].

This submittal includes a response to the RAI as Attachment 1. The impacted pages of the HI-STORM UMAX FSAR are included in proprietary and non-proprietary versions as Attachments 2 and 3. The changes related to this RAI have been highlighted in yellow text to aid the staff review. Attachment 4 contains the supporting technical document, and Attachment 5 contains the input and output files for that document. Since these attachments contain proprietary information, Attachment 6 contains an affidavit requesting that these documents be withheld from public disclosure.

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



Sincerely,

Kimberly Manzione

cc:

Mike Layton (NRC)

Pamela Longmire (NRC)

Attachments:

Attachment 1: HI-STORM UMAX Amendment 3 Thermal RAI response (non proprietary)

Attachment 2: Proposed HI-STORM UMAX FSAR Revision 3.G (proprietary)

Attachment 3: Proposed HI-STORM UMAX FSAR Revision 3.G (non-proprietary)

Attachment 4: HI-2167272 Revision 2 Shielding Analysis of the HI-STORM UMAX
(proprietary)

Attachment 5: Input / Output Files for HI-2167272R2 (proprietary)

Attachment 6: Affidavit Pursuant to 10CFR2.390 (non-proprietary)