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December 15, 2019

Yen Chen
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety and Safeguards

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

Docket No. 72-1040
CAC No. 001028
EPID: L-2017-LLA-0033

Subject: HI-STORM UMAX Amendment 3 Responses to Requests for Additional Information

Reference [1] NRC Letter, "Amendment No. 3 to Certificate of Compliance No. 1040 for the HI-STORM UMAX Multipurpose Canister Storage System – Request for Additional Information," from P. Longmire (NRC) to K. Manzione (Holtec), dated September 30, 2019

Dear Ms. Chen:

Holtec is pleased to submit the first set of responses to the HI-STORM UMAX Amendment 3 RAI [1].

This submittal includes a response to the RAIs in proprietary and non-proprietary versions as Attachments 1 and 2. The full revised HI-STORM UMAX CoC and Appendices C and D is included as Attachment 3. The full HI-STORM UMAX FSAR Supplement I is included in proprietary and non-proprietary versions as Attachments 4 and 5. For both the CoC and FSAR, all changes from the initial submittal are marked with track changes, and changes related specifically to these RAI responses are highlighted in yellow for the staff's convenience. An additional proprietary supporting calculation package is included as Attachment 6. Since some of these attachments are proprietary an affidavit is included requesting that these documents be withheld from public disclosure as Attachment 7.

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

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Sincerely,

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

Kimberly Manzione

cc:

Andrea Kock (NRC)

Dan Doyle (NRC)

Attachments:

Attachment 1: HI-STORM UMAX Amendment 3 RAI responses (proprietary)

Attachment 2: HI-STORM UMAX Amendment 3 RAI responses (non-proprietary)

Attachment 3: Proposed HI-STORM UMAX CoC Amendment 3 (non-proprietary)

Attachment 4: Proposed HI-STORM UMAX FSAR Supplement I, Revision 3.H (proprietary)

Attachment 5: Proposed HI-STORM UMAX FSAR Supplement I, Revision 3.H (non-proprietary)

Attachment 6: HI-2125194, Appendix J "Shielding Analysis of the HI-STORM UMAX" (proprietary)

Attachment 7: Affidavit pursuant to 10CFR2.390