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May 21, 2019

John McKirgan – Branch Chief, 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 HI-STORM 100 FSAR Revisions 16, 17, and 18

Dear Mr. McKirgan:

Holtec is pleased to submit revisions 16, 17, and 18 of the HI-STORM 100 FSAR. These FSAR revisions correspond to the HI-STORM 100 CoC Amendments 11, 12, and 13, recently approved by the NRC staff. These are submitted only for the staff's information and convenience.

Attachments 1, 3, and 5 this letter contain the proprietary versions of the HI-STORM 100 FSAR for the three revisions. Attachments 2, 4, and 6 contain non-proprietary corresponding versions. Attachment 8 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,

Kimberly Manzione

My Mayon

Licensing Manager,

Holtec International

cc: (via email)

Mike Layton (USNRC) Yen Chen (USNRC)

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Christian Jacobs (USNRC)

Attachments:

Attachment 1: HI-STORM 100 FSAR Revision 16 (proprietary)
Attachment 2: HI-STORM 100 FSAR Revision 16 (non-proprietary)
Attachment 3: HI-STORM 100 FSAR Revision 17 (proprietary)
Attachment 4: HI-STORM 100 FSAR Revision 17 (non-proprietary)
Attachment 5: HI-STORM 100 FSAR Revision 18 (proprietary)
Attachment 6: HI-STORM 100 FSAR Revision 18 (non-proprietary)

Attachment 7: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure