HOLTEC INTERNATIONAL

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January 15, 2019

Mr. Michael C. Layton, Director
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

Via Regular Mail & Email
Michael.Layton@nrc.gov

Subject: Supporting Documents from Holtec International PEC Meeting

Ref: 1: USNRC INSPECTION REPORT 07201014/2018-201

NRC Docket # 72-1014

Dear Mr. Layton:

As discussed in the Pre-decisional Enforcement Conference (PEC) on the apparent violations in the NRC's Inspection Report [Ref 1], Holtec is pleased to submit some supplemental information to the NRC staff. Attached to this letter is an updated version the thermal calculation package. Separate thermal input and output files are not included with this letter, since the design basis models were previously submitted to the NRC as an attachment to Holtec Letter 5014750 (ML13114A952, for the MPC-68M) and Holtec Letter 5018036, Attachment 4 (ML15114A423, for the MPC-37). The revised calculation packages explain how that design basis model was utilized for the SSO scenario.

Also attached to this letter is the Holtec QI containing the Root Cause Evaluation (RCE) discussed at the meeting, as well as a number of communications shared with users (both in e-mail and RRTI form) following the identification of the issue.

Since this information is considered proprietary, an affidavit in accordance with 10 CFR 2.390 is also attached requesting information be withheld from public disclosure.

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

Sincerely,

Kimberly Manzione
Licensing Manager
Holtec International

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Attachments:
Attachment 1: HI-2188123 Revision 3, "Thermal analysis of a HI-STORM UMAX System with MPC-37 Under a Hypothetical Failure of Shim Standoffs" (Proprietary)
Attachment 2: HI-2188393 Revision 1, "Thermal Analysis of a HI-STORM 100 System with MPC-68M at Design Basis Heat Loads Under a Hypothetical Failure of Shim Standoffs" (Proprietary)
Attachment 3: QI-2418, including Root Cause Evaluation (Proprietary)
Attachment 4: E-mail Communications to Holtec Users Group (Proprietary)
Attachment 5: RRTI 2719-1 (Proprietary)
Attachment 6: RRTI-2569-17 (Proprietary)
Attachment 7: RRTI-2529-4 (Proprietary)
Attachment 8: RRTI-2464-043 (Proprietary)
Attachment 9: Affidavit Pursuant to 10CFR2.390 (Non-proprietary)

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