



Holtec Technology Campus, One Holtec Blvd, Camden, NJ 08104

Telephone (856) 797-0900

Fax (856) 797-0909

December 15, 2021

Chris Jacobs, Project Manager
Division of Fuel Management
Office of Nuclear Material Safety and Safeguards

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

Subject: Submittal of HI-STORM 100 Request for Amendment #18

Reference(s): [1] Holtec Letter 5014935 "Submittal of Topical Report HI-2200343 – A Version" to E. Lenning (NRC) from K. Manzione (Holtec), dated October 29, 2021

Dear Mr. Jacobs:

Holtec is pleased to submit the attached request for amendment to the HI-STORM 100 Certificate of Compliance 72-1014. This amendment request only contains one change, which is to incorporate the topical report on heat load patterns (Ref. [1]).

A proposed CoC is included as Attachment 1 to this letter, and proposed FSAR changes are included as Attachment 2.

Due to the fact that this change is extremely limited scope, and only incorporates a topical report already reviewed and approved by the NRC technical staff, Holtec requests that this amendment be approved and effective for use by mid-2023. This need date will allow the applicable sites to evaluate new heat load patterns using this methodology, and be prepared for 2024 loading campaigns to support on-going decommissioning activities.

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: Proposed HI-STORM 100 CoC Amendment 18 (non-proprietary)

Attachment 2: Proposed HI-STORM 100 FSAR Revision 22A (non-proprietary)