



January 17, 2018

Pierre Saverot, Project Manager – Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
ATTN: USNRC Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Submittal of Proprietary Version of HI-STAR 100 Safety Analysis Report (SAR)
Revision 17

Reference: USNRC Docket Number 71-9261, CAC No. L25080

[1] Holtec Letter 5014814, dated August 22, 2016

[2] Holtec Letter 5014823, dated May 1, 2017

[3] Holtec Letter 5014799, dated January 29, 2016

Dear Mr. Saverot:

Holtec is pleased to submit the proprietary version of the HI-STAR Safety Analysis Report (SAR) to the NRC. The revised SAR in Enclosure 1 (Holtec Report HI-951251, Revision 17) contains the necessary changes to the safety analyses that support the RAI responses sent on August 22, 2016 [1] and May 1, 2017 [2] since Revision 16 was issued with the original License Amendment Request (LAR) [3].

An affidavit pursuant to 10 CFR 2.390 (Enclosure 2) is included to request withholding of proprietary information (Enclosure 1) as outlined in the affidavit. The non-proprietary version of the SAR is transmitted under separate cover.

If you have any questions, please contact me at (856)-797-0900, ext. 3844.

Sincerely,

Royston Ngwayah
Licensing Engineer
Holtec International



cc: (Via email)
Meraj Rahimi, USNRC
Mike Layton, USNRC
Holtec Users Group

Enclosures:

1. Holtec Report HI-951251, Rev. 17, "Safety Analysis Report on the HI-STAR 100 Cask System", dated January 17, 2018 – (Holtec Proprietary Information)
2. Non-Proprietary Affidavit Pursuant to 10 CFR 2.390