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August 22, 2016

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

Docket No.: 71-9261 (HI-STAR 100 Model)

Subject: Submittal of Response to NRC’s Request for Additional Information (RAI) for License Amendment Request 9261-10 to HI-STAR 100 Transportation CoC (TAC NO. L25080)

References [1] “Supporting information for Holtec’s Responses to NRC’s Request for Additional Information (RAI) for License Amendment Request 9261-10 to HI-STAR 100 Transportation CoC (TAC NO. L25080)” (Letter No. 5014815 from Royston Ngwayah (Holtec) to Pierre Saverot (NRC) dated August 22, 2016)

[2] “Request for Additional Information for the review of the Model No. HI-STAR 100 Transportation Package” (Letter from Pierre Saverot (NRC) to Luis Hinojosa (Holtec) dated May 18, 2016)

[3] “Submittal of License Amendment Request 9261-10 to HI-STAR 100 Certificate of Compliance 71-9261” (Letter No. 5014799 from Luis Hinojosa (Holtec) to Pierre Saverot (NRC) dated January 29, 2016)

Dear Mr. Saverot,

By letter dated May 18, 2016 [2], NRC staff documented requests for additional information (RAIs) that are required to complete their detailed technical review of HI-STAR 100 Amendment 10 to the transportation Certificate of Compliance (No. 9261).

Enclosure 1 to this letter contains the RAIs responses. Enclosure 2 contains the proposed Certificate of Compliance (CoC). Enclosures 3 and 4 contain the proposed proprietary and non-proprietary versions of the HI-STAR 100 Transportation SAR respectively. Proposed changes in Enclosures 2, 3 and 4 address the RAIs. Enclosure 3 is considered proprietary by Holtec, and Holtec therefore request this enclosure be withheld from public disclosure in accordance with the affidavit in Enclosure 5 to this letter.

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Supporting information, including calculation packages and input/out files are provided via Holtec Letter [1].

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

Sincerely,

Royston Ngwayah  
Licensing Engineer  
Holtec International

cc: (letter only w/o attachments)  
Mark Lombard (NRC)  
John McKirgan (NRC)

Enclosures:

- Enclosure 1: Responses to Requests for Additional Information (RAIs)  
(Holtec Non-Proprietary Information)
- Enclosure 2: Holtec Proposed Changes to Certificate of Compliance (No. 9261) for the HI-STAR 100 (Holtec Non-Proprietary Information)
- Enclosure 3: HI-STAR 100 Safety Analysis Report (SAR), HI-951251, Revision 16.A  
(Holtec Proprietary Information)
- Enclosure 4: HI-STAR 100 Safety Analysis Report (SAR), HI-951251, Revision 16.A  
(Holtec Non-Proprietary Information)
- Enclosure 5: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure