



June 9, 2022

Pierre Saverot – Project Manager  
Storage and Transportation Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety and Safeguards

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

Docket No.: 71-9375

Subject: Modification of License Amendment Request 9375-1 for the HI-STAR ATB 1T Non-Fuel Waste Transport System

Reference: [1] “Re-Submittal of License Amendment Request 9375-1 for the HI-STAR ATB 1T Non-Fuel Waste Transport System”, Holtec Letter 2404020-NRC from Christopher O’Mullane (Holtec) to Pierre Saverot (NRC), dated May 10, 2022.

Dear Mr. Saverot,

By letter dated May 10, 2022 [1], Holtec re-submitted License Amendment Request (LAR) 9375-1 for the HI-STAR ATB 1T Certificate of Compliance (CoC) Number 9375. During subsequent discussion, it was determined that there were some errors in the submittal. Holtec apologizes for those errors and is submitting this modification to address those issues. The LAR submitted herewith shall be considered to supersede the previous LAR.

The summary of proposed changes (SOPC) reiterating the proposed enhancement, including the reasons and justifications for the enhancement, is provided in Enclosure 1 to facilitate the Staff’s review.

Enclosure 2 contains Holtec’s proposed changes to the Certificate of Compliance (CoC) for the Staff’s convenience.

The updated SAR, HI-2146312 Proposed Revision 5, is provided with this LAR submittal. Note that all SAR text revised since HI-2146312 Revision 3 was reviewed and approved with CoC 9375-0 is highlighted in yellow, while changes specifically related to the addition of the proposed this amendment are indicated by revision bars in the right margin of the page, with red text identifying insertions and red strikethroughs identifying deletions. The SAR’s Revision Summary Log section includes information on the SAR’s revision status and configuration control.

Doc. I.D.: 2404021-NRC When separated from the enclosures, this cover letter is non-proprietary.



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Proprietary and non-proprietary versions of the SAR are submitted herewith as Enclosures 3 and 4, respectively.

Enclosure 5 contains the drawings that comprise the licensing drawing package.

Enclosures 6 through 8 contain the supporting calculation packages.

As Enclosures 1, 3, 5, 6, 7, & 8 are considered proprietary, an affidavit requesting that the information therein be withheld from public disclosure in accordance with 10 CFR 2.390 is contained in Enclosure 9.

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

Sincerely,

A handwritten signature in blue ink that reads "Kim Manzione".

Kimberly Manzione  
Director of Licensing – NMSS Projects  
Holtec International

cc: (letter only w/o attachments via email)  
Shana Helton (USNRC)



Enclosures

- Enclosure 1: Summary of Proposed Changes (SOPC) for HI-STAR ATB 1T LAR 9375-1 (PROPRIETARY)
- Enclosure 2: Holtec Proposed CoC 71-9375 Revision 1 for the HI-STAR ATB 1T Non-Fuel Waste Transport System (NON-PROPRIETARY)
- Enclosure 3: Holtec Report HI-2146312, "Safety Analysis Report on the HI-STAR ATB 1T Non-Fuel Waste Transport System," Proposed Revision 5 (PROPRIETARY)
- Enclosure 4: Holtec Report HI-2146312, "Safety Analysis Report on the HI-STAR ATB 1T Non-Fuel Waste Transport System," Proposed Revision 5 (NON-PROPRIETARY)
- Enclosure 5: HI-STAR ATB 1T Cask Licensing Drawing No. 9786, Rev. 9 (PROPRIETARY)  
BFA-Tanks and Cassettes Licensing Drawing No. 9876, Rev. 9 (PROPRIETARY)
- Enclosure 6: Holtec Report HI-2177539, "Drop Analysis of the HI-STAR ATB 1T Transport Package," Proposed Revision 7 (PROPRIETARY)
- Enclosure 7: Holtec Report HI-2177540, "Structural Calculation Package for HI-STAR ATB 1T Transport Package," Proposed Revision 6 (PROPRIETARY)
- Enclosure 8: Holtec Report HI-2156585, "Thermal Evaluation of HI-STAR ATB 1T Cask," Proposed Revision 5 (PROPRIETARY)
- Enclosure 9: Affidavit in Accordance with 10 CFR 2.390