HOLTEC INTERNATIONAL

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December 22, 2022

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

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

Docket No.: 71-9374 (HI-STAR 80 Model)
EPID No.: L-2021-LLA-0130

Subject: Submittal of Responses to Request for Additional Information for Review of Licensing Amendment Request 9374-2 for HI-STAR 80 Transportation Package

Reference: [1] "Request for Additional Information for the Review of the Model. No. HI-STAR 80 Package," letter dated November 7, 2022 from P. Saverot (NRC) to K. Manzione (Holtec)

Dear Mr. Saverot:

Holtec International appreciates the NRC staff's on-going review of the License Amendment Request (LAR) 9374-2 to the HI-STAR 80 Certificate of Compliance (CoC) Number 71-9374.

This letter contains the responses to the staff's request for additional information [1] in both proprietary and non-proprietary forms as enclosures 1 and 2. Enclosures 3 and 4 contain the updated Safety Analysis Report (SAR) for the HI-STAR 80 Package (both proprietary and non-proprietary versions).

Enclosures 5 through 11 contain various supporting documents such as calculation packages, other technical reports, and design documentation. Note that Enclosure 9 is considered Westinghouse proprietary information so Enclosure 10 contains an affidavit requesting that it be withheld from public disclosure. Enclosure 12 is an affidavit prepared in accordance with 10 CFR 2.390 requesting that Enclosures marked Holtec proprietary be withheld from public disclosure.

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

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Sincerely,

Kimberly Manzione
Director of Licensing
Holtec International

Enclosures:

Enclosure 1: HI-STAR 80 Responses to Requests for Additional Information (Holtec Proprietary Information)
Enclosure 2: HI-STAR 80 Responses to Requests for Additional Information (Non-Proprietary)
Enclosure 3: HI-STAR 80 Safety Analysis Report (SAR), HI-2146261, Proposed Revision 4A (Holtec Proprietary Information)
Enclosure 4: HI-STAR 80 Safety Analysis Report (SAR), HI-2146261, Proposed Revision 4 A (Non-Proprietary)
Enclosure 5: Finite Element Analysis of HI-STAR 80 Transport Package Drop Accidents, HI-2167023, Revision 6 (Holtec Proprietary Information)
Enclosure 6: Shielding Analysis for HI-STAR 80, HI-2167211, Revision 7 (Holtec Proprietary Information)
Enclosure 7: HI-STAR 80 Source Terms Using Scale 6.2.1, HI-2177694, Revision 4 (Holtec Proprietary Information)
Enclosure 8: MCNP Convergence Studies for HI-STAR 80, HI-2220908, Revision 10 (Holtec Proprietary Information)
Enclosure 9: SKB Quiver – Data for External Use, NRT 18-403 Revision 0 (Westinghouse Proprietary Information)
Enclosure 10: Affidavit CAW-22-058 for Enclosure 10 (Non-Proprietary)
Enclosure 11: VNF's Statement Regarding ZR-Based Alloys Cladding Materials for Spent Nuclear Fuel Transportation Purposes, DMG1273679 (Non-Proprietary)
Enclosure 12: Affidavit Pursuant to 10CFR2.390 to Withhold Information from Public Disclosure