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September 28, 2026

Haimanot Yilma, Project Manager
Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards

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

Docket No.: 71-9397 (HI-STAR 330 Model)
EPID No.: L-2022-NEW-0002

Subject: Holtec Responses to Clarifications and Observations of Holtec Responses to RAIs for
Revision 0 of Certificate of Compliance No.9397 for the HI-STAR 330 Package

Reference: [1] "Holtec's HISTAR 330 Licensing review RAI responses clarification call
summary from July 23, August 04, and August 28, 2026" ML26245A378

Dear Ms. Haimanot Yilma:

Holtec International appreciates the NRC's ongoing review of the application to obtain a Certificate of Compliance (CoC) 71-9397 for the HI-STAR 330 Transport System.

During the calls that took place on 07/23/2026, 08/04/2026 and 08/28/2026 between Holtec and the NRC, which are summarized in Reference [1], the NRC staff expressed the need for additional clarifications to support the acceptance of Amendment 0 of the HI-STAR 330 Certificate of Compliance No. 3937. This letter provides the formal responses to those clarification and observation requests. Enclosure 1 to this letter contains the clarification and observation request responses in proprietary form and Enclosure 2 contains the clarification and observation request responses in non-proprietary form.

Due to the clarification requests and as indicated in the responses in Enclosure 1, the HI-STAR 330 SAR needed to be revised where necessary. Enclosures 3 and 4 contain the revised SAR in proprietary and non-proprietary forms.



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Enclosure 5 contains the proposed changes to the Certificate of Compliance (CoC) with highlights since the last submittal for your convivence consistent with the revision of the SAR enclosed in this submittal.

Enclosures 6 and 7 contain the revised structural analyses which incorporate the appropriate revisions to address the clarifications and observations detailed in Enclosure 1.

Enclosure 8 to this letter is an affidavit prepared in accordance with 10 CFR 2.390 requesting that Enclosures noted below as proprietary be withheld from public disclosure due to their proprietary nature.

Holtec greatly appreciates the staff's ongoing review of HI-STAR 330 Amendment 0. If you have any questions, please contact me at 856-957-2849.

Sincerely,

Sean Corcoran
Senior Licensing Engineer
Holtec International

cc: (via email)

Janine Smith (USNRC)

Lucas Mackey (USNRC)

Kimberly Manzione (Holtec)

Kyle Trotter (Holtec)

Justin Sledzinski (Holtec)

Kenny Hickman (Holtec)



Enclosures

- Enclosure 1: Holtec Responses to Clarifications and Observations of Holtec Responses to RAIs for the HI-STAR 330 (Proprietary)
- Enclosure 2: Holtec Responses to Clarifications and Observations of Holtec Responses to RAIs for the HI-STAR 330 (Non-Proprietary)
- Enclosure 3: HI-2210970 - HI-STAR 330 Safety Analysis Report Revision 3 (Proprietary)
- Enclosure 4: HI-2210970 - HI-STAR 330 Safety Analysis Report Revision 3 (Non-Proprietary)
- Enclosure 5: Holtec Proposed CoC 71-9397 Revision 0 for the HI-STAR 330 Package (Non-Proprietary)
- Enclosure 6: HI-2210998, "Structural Calculation Package for HI-STAR 330 Transport Package," Revision 3 (Proprietary)
- Enclosure 7: HI-2240059, "Drop Analysis of the HI-STAR 330 Transport", Revision 3 (Proprietary)
- Enclosure 8: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure (Non-Proprietary)