



December 8, 2017

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

Docket No.: 71-9375
CAC No.: L25185

Subject: Submittal of responses to request for additional information for the review of the model no. HI-STAR ATB 1T package application (Proprietary Submittal)

Reference: [1] “Request for Additional Information for the review of the model no. HI-STAR ATB 1T package” (Letter from Pierre Saverot (NRC) to Royston Ngwayah (Holtec) dated August 9, 2017)

Dear Mr. Saverot,

By letter dated August 9, 2017 [1], NRC staff documented requests for additional information (RAIs) that are required to complete their detailed technical review of the HI-STAR ATB 1T package application.

Attachment 1 to this letter contains the responses to the RAIs. Attachment 2 contains the revised licensing drawings and list of changes to the revised drawings. Attachment 3 contains Proposed Revision 2A of the HI-STAR ATB 1T Safety Analysis Report (SAR). Attachment 4 contains the revised Shielding Calculation Package and Input/Output Data files. Attachments 5 through 10 contain revised Structural Calculation Packages and Input/Output Data files. Attachment 11 is an affidavit prepared in accordance with 10 CFR 2.390 requesting that all attachments be withheld from public disclosure. Non-proprietary documents related to this submittal will be submitted separately via Holtec Letter ID 2404008-NRC by December 11, 2017.

Note that the response to NRC RAI 8-1 is not included with this submittal. RAI 8-1 is linked with another issue related to the BFA-Tanks and BFA-Tanks Cassettes (BTCs) Quality Assurance (QA), which is in the process of being resolved. Holtec believes the review process and NRC review team will benefit from a holistic resolution of both issues (BFA-Tanks and BTCs QA, acceptance criteria) in the final response to RAI 8-1.



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 via email)
Meraj Rahimi, USNRC
Mike Layton, USNRC
Holtec Users Group

Attachments:

- Attachment 1: Responses to NRC Request for Additional Information (RAI)
- Attachment 2: Revised licensing drawings and list of changes (Drawing Nos. 9786R4 and 9876R5)
- Attachment 3: HI-STAR ATB 1T Safety Analysis Report (SAR), HI-2146312, Proposed Revision 2A
- Attachment 4: Shielding Analysis for the HI-STAR ATB 1T, HI-2156583 Revision 3, and Computer Input/Output Data Files (Holtec Proprietary Information) (DVD Media)
- Attachment 5: Drop Analysis for the HI-STAR ATB 1T Transport Package, HI-2177539 Rev. 1 (DVD Media)
- Attachment 6: Structural Calculation Package for HI-STAR ATB 1T Transport Package, HI-2177540 Rev. 1 (DVD Media)
- Attachment 7: HI-STAR ATB 1T Transport Package Quarter Scale Drop Simulations Using LS-DYNA Program, HI-2167517 Rev.2 (DVD Media)
- Attachment 8: Computer Input/Output Data Files for Drop Analysis (Attachment 5), HI-2177539 Rev. 1 (Hard Drive)
- Attachment 9: Computer Input/Output Data Files for Structural Calculations (Attachment 6), HI-2177540 Rev. 1 (Hard Drive)
- Attachment 10: Computer Input/Output Data Files for Quarter Scale Drop Simulations Using LS-DYNA Program (Attachment 7), HI-2167517 Rev. 2 (Hard Drive)
- Attachment 11: Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure