



January 4, 2018

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

Subject: USNRC Docket Nos. 72-1008, 72-1014, 72-1032, 72-1040  
HI-STAR 100 Certificate of Compliance 1008  
HI-STORM 100 Certificate of Compliance 1014  
HI-STORM Flood/Wind (FW) Certificate of Compliance 1032  
HI-STORM UMAX Certificate of Compliance 1040  
HI-STAR 100 System 10 CFR 72.48(d)(2) Biennial Report  
HI-STORM 100 System 10 CFR 72.48(d)(2) Biennial Report  
HI-STORM FW System 10 CFR 72.48(d)(2) Biennial Report  
HI-STORM UMAX System 10 CFR 72.48(d)(2) Biennial Report

References: 1. Holtec Project 5014  
2. Holtec Project 5018  
3. Holtec Project 5021  
4. Holtec Letter 5014797

Dear Mr. Cuadrado:

In accordance with 10 CFR 72.48(d)(2), Holtec International herewith submits the biennial report of changes, tests, and experiments implemented for the HI-STAR 100, HI-STORM 100, HI-STORM FW and HI-STORM UMAX Systems under the provisions of 10 CFR 72.48. The report included as Attachment 1 summarizes all changes, tests, and experiments implemented by Holtec under the provisions of 10 CFR 72.48 for the HI-STAR 100, HI-STORM 100, HI-STORM FW, and HI-STORM UMAX Systems between December 31, 2015 and December 31, 2017. Please note that this attachment is considered proprietary, and therefore an affidavit in accordance with 10 CFR 2.390 is included as Attachment 2.

It is noted that the last such biennial report (Reference 4) was submitted on January 4, 2016, and that the period between these filings is consistent with the 10 CFR 72.48(d)(2) reporting requirement.



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

Sincerely,

A handwritten signature in black ink, appearing to read "Royston Ngwayah".

Royston Ngwayah  
Licensing Engineer  
Holtec International

cc: (letter only w/o attachments)  
Mr. Michael Layton (NRC)  
Mr. John McKirgan (NRC)  
Mr. Meraj Rahimi (NRC)

Attachment 1: Biennial Summary of Changes, Tests, and Experiments Pertaining to the HI-STAR  
100, HI-STORM 100, HI-STORM FW, and HI-STORM UMAX Dry Cask Storage  
Systems (89 pages) – Proprietary Information

Attachment 2: Affidavit in Accordance with 10 CFR 2.390