



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 31, 2023

Kimberly Manzione
Licensing Manager
Holtec International
Krishna P. Singh Technology Campus
One Holtec Boulevard
Camden, NJ 08104

SUBJECT: AMENDMENT NO. 3 TO CERTIFICATE OF COMPLIANCE NO. 1040 FOR THE
HI-STORM UMAX CANISTER STORAGE SYSTEM – REQUEST FOR
ADDITIONAL INFORMATION

Dear Kimberly Manzione:

By letter dated August 30, 2016 (Agencywide Document Access and Management System {ADAMS} Accession No. ML16250A404), and supplemented by letters dated September 9, 2016 (ML16258A213), November 4, 2016 (ML16313A170), March 3, 2017 (ML17067A058), August 4, 2017 (ML17229B194), February 1, 2018 (ML18036A222), May 23, 2018 (ML18150A340), October 16, 2018 (ML18304A159), December 15, 2019 (ML20002A299), and March 31, 2020 (ML20104C047), Holtec International (Holtec) submitted an amendment request to the U.S. Nuclear Regulatory Commission (NRC) for the HI-STORM UMAX Canister Storage System, Certificate of Compliance (CoC) No. 1040.

The staff issued requests for additional information (RAI) by letters dated January 17, 2018 (ML18018A017), September 30, 2019 (ML19259A155), and November 20, 2020 (ML20325A257). On August 11, 2021, Holtec provided draft responses (nonpublic, proprietary), followed by formal submission on March 3, 2023 (ML23062A662) and March 16, 2023 (ML23075A067), to some outstanding issues from its responses to NRC's request for additional information (RAI) and the December 15, 2020, public meeting (ML20366A042). The staff has reviewed all responses received and determined that Holtec has not adequately addressed the applicable regulatory requirements. The enclosed RAIs contain some of the most substantive issues for which additional information is necessary for the staff to complete this review.

We ask that you provide the response to the enclosed RAI within 30 days from the date of this letter. If you are unable to meet this deadline, please notify us in writing, within two weeks of receipt of this letter, of your new submittal date and the reasons for the delay. The staff has been working with Holtec to resolve technical issues in the past few years, including through multiple rounds of RAIs, public meetings, and clarification calls, and Holtec has not provided

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K. Manzione

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adequate information to address the applicable regulatory requirements for the issues identified in the enclosure. Without additional information such as that referenced in the attached RAI, the staff is unable to make the findings necessary for the issuance of a CoC in accordance with Title 10 of the *Code of Federal Regulations* 72.246. If Holtec fails to provide the necessary information in the timeframes outlined above, the staff is prepared to terminate this review based on the staff's inability to make the necessary findings under 10 CFR 72.246, until such time as Holtec is able to provide the necessary information.

Please reference Docket No. 72-1040, CAC No. 001028, and EPID No. L-2017-LLA-0033 in future correspondence related to this licensing action. If you have any questions, please contact me at 301-415-1018.

Sincerely,



Signed by Chen, Yen-Ju
on 03/31/23

Yen-Ju Chen, Sr. Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-1040
CAC No.: 001028
EPID No.: L-2017-LLA-0033

Enclosures:

1. Request Additional Information
2. Request Additional Information Proprietary

AMENDMENT NO. 3 TO CoC NO. 1040 FOR THE HI-STORM UMAX CANISTER STORAGE SYSTEM –
RAI DATE March 31, 2023

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