



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

May 25, 2016

Ms. Kimberly Manzione, P.E.  
Holtec International  
Holtec Center  
One Holtec Drive  
Marlton, NJ 08053

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 1014, AMENDMENT NO. 10 FOR THE  
HI-STORM 100 CASK SYSTEM (CAC NO. L24979)

Dear Ms. Manzione:

By letter dated January 5, 2015, Agencywide Documents Access and Management System Accession No. ML15007A435), Holtec International (Holtec) submitted an amendment request to the U.S. Nuclear Regulatory Commission (NRC) for the HI-STORM 100 Certificate of Compliance (CoC) No. 1014. The proposed changes include the following:

1. Addition of new 16x16B and 16x16C fuel classes to the approved contents,
2. Change the ASME Code Alternative table to allow use of more recent code versions of material SA-516/516A Grade 70, and
3. Minor editorial edits to the CoC.
4. Additionally, the NRC staff (staff) is revising CoC Condition No. 9 to provide additional clarity and guidance. The applicant agreed with this change in correspondence dated November 20, 2015, (ADAMS Accession No. ML15327A043).

This amended CoC, when codified through rulemaking, will be denoted as Amendment No. 10, to CoC No. 1014.

As stated in the Federal Register (81 FR 13265, 3/14/16), the effective date of this CoC is May 31, 2016. The NRC's safety evaluation report (SER) for this CoC (including Appendices A and B, A-100U, B-100U Technical Specifications) are enclosed. This certificate constitutes the approval and conditions for use of HI-STORM 100 Cask System for storage of spent nuclear

fuel under the general licensing provisions of 10 CFR 72.210. A general license has been granted to all holders of licenses for nuclear power reactors issued under 10 CFR Part 50.

If you have any questions regarding this amended certificate, please contact me at (301) 415-6933.

Sincerely,

**/RA B. H. White Acting for/**

John M. Goshen, P.E., Project Manager  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1014

CAC No.: L24979

Enclosures:

1. CoC No. 1014, Amendment No. 10
2. Safety Evaluation Report

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- 1. CoC No. 1014, Amendment No. 10
- 2. Safety Evaluation Report

This closes out CAC L24979

**ADAMS Package:** ML16144A12

CoC 1014 A10 transmittal -	ML16144A177
CoC 1014 A10	ML16144A182
CoC 1014 A10 App A	ML16144A185
CoC 1014 A10 App B	ML16144A178
CoC 1014 A10 App A-100U	ML16144A183
CoC 1014 A10 App B-100U	ML16144A179
CoC 1014 A10 SER	ML16144A181

File Directory: G:\SFST\HI-STORM 100\Amendment 10\Final\CoC 1014 A10 transmittal.doc

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 \CoC 1014 A10 App A.pdf  
 \CoC 1014 A10 App B.pdf  
 \CoC 1014 A10 App A-100U.pdf  
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