

February 7, 2014

Dr. Stefan Anton  
Acting Licensing Manager  
Holtec International  
555 Lincoln Drive West  
Marlton, NJ 08053

SUBJECT: DRAFT PROPOSED CERTIFICATE OF COMPLIANCE AND PRELIMINARY SAFETY EVALUATION FOR REVISION REQUEST NO. 1 TO THE HOLTEC INTERNATIONAL HI-STORM FLOOD/WIND MULTIPURPOSE CANISTER STORAGE SYSTEM (TAC NO. L24584)

Dear Dr. Anton:

By letter dated October 13, 2011, May 23, 2012, January 24, April 18, and July 23, 2013, Holtec International, Inc. (Holtec) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) to amend the HI-STORM Flood/Wind (FW) system Certificate of Compliance (CoC) No. 1032 under 10 CFR Part 72 Subpart K, General License for Storage of Spent Fuel at Power Reactor Sites. Holtec requested changes to CoC No. 1032 to:

- A. Add a new heat load pattern for the multipurpose canister (MPC)-37,
- B. Broaden the backfill pressure range for both MPC-37 and MPC-89, and
- C. Update certain definitions related to fuel classification
- D. Provide editorial corrections.

The staff also provided the following editorial correction. Holtec agreed with this correction in correspondence dated January 30, 2014.

- E. CoC No. 1032 - The expiration date has been corrected from June 12, 2051, to June 12, 2031. The original CoC was issued incorrectly with a 40-year expiration versus a 20-year expiration as specified in 10 CFR 72.214.

The revised CoC, when codified through rulemaking, will be denoted as Amendment No.0, Revision No. 1, to CoC No. 1032.

As a result of our review of the application, and its supplements, the staff has prepared a proposed CoC and preliminary safety evaluation report (SER) pursuant to the requirements of 10 CFR Part 72. Enclosed is a copy of the proposed CoC including appendices and the staff's preliminary SER for Holtec's review and identification of inaccuracies and omissions. Changes made to the enclosed draft amended CoC and Appendices A and B are indicated by vertical lines in the right margin.

Holtec is requested to respond with any comments by close of business on March 10, 2014. Please continue to reference Docket No. 72-1032 and TAC No. L24584 in future

S. Anton

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correspondence related to this request. If you have any comments or questions concerning this request, please contact me at 301-287-9250.

Sincerely,

**/RA/**

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

Docket No.: 72-1032

TAC No.: L24584

Enclosures:

1. Proposed CoC No. 1032,  
Amendment No. 0, Revision No. 1
2. Preliminary SER

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Sincerely,

**/RA/**

John M. Goshen, P.E., Project Manager  
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Distribution: w/o encls\*\* NMSS r/f

ADAMS Package :  
Transmittal :  
Proposed CoC N0. 1032, R1:  
Proposed Appendix A TS, R1:  
Proposed Appendix B TS, R1:  
Preliminary SER:

File Directory : G:\SFST\HI-STORM RW\Revision 1\Rulemaking\HS FW R1 Draft  
transmittal.doc  
 \ HS FW R1 Proposed CoC 1032.pdf  
 \HS FW R1 Proposed App A.pdf  
 \HD FW R1 Proposed App B.pdf  
 \HS FW R1 Preliminary SER Final.docx

**ADAMS Package Accession No. ML14041A380**

<b>OFC</b>	SFST	SFST			SFST
<b>NAME</b>	WWheatley	JGoshen			MSampson
<b>DATE</b>	2/ 6/2014	2/5/2014			2/7/2014

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