

November 16, 2012

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

SUBJECT: ISSUANCE OF CORRECTED APPENDICES A AND B AND SAFETY EVALUATION REPORT FOR AMENDMENT NO. 8 TO CERTIFICATE OF COMPLIANCE NO. 1014 FOR THE HOLTEC INTERNATIONAL HI-STORM 100 CASK SYSTEM (TAC NO. L24398)

Dear Dr. Anton:

By letter dated May 10, 2012 (ADAMS Accession No. ML12132A028), the United States Nuclear Regulatory Commission (NRC) provided Amendment No. 8 to the HI-STORM 100 Certificate of Compliance (CoC) No. 1014. A review by Holtec International (Holtec) determined editorial and non-substantive errors on several of the issued Appendices A and B pages as well as in the Safety Evaluation Report (SER). By electronic mail correspondence of May 17, 2012, Holtec requested correction of these errors.

The NRC staff has made the corrections to Appendices A and B and the SER, and these did not change any values or technical information provided in the May 10, 2012, submittal. The corrections do not change the cask design, spent fuel contents, operating conditions, or certification basis of CoC No. 1014, Amendment No. 8. Attachment 1 lists by page the description of the corrections. Attachments 2 (ML12213A202), 3 (ML12213A205), and 4 (ML12213A203) contain the corrected Appendices A and B, and SER, which supersede those issued on May 10, 2012. The following table provides a cross-reference for the previously issued and corrected documents.

HI-STORM 100 AMENDMENT NO. 8		
	Previous ML #	Corrected ML #
Package	ML12132A028	ML12213A170
Appendix A	ML12132A060	ML12213A202
Appendix B	ML12132A076	ML12213A205
SER	ML12132A081	ML12213A203

A notice will be published in the Federal Register reflecting this action.

If you have any questions, please contact me at (301) 492-3325.

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.: 72-1014

TAC No.: L24398

Attachments:

As stated

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John M. Goshen, P.E., Project Manager
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Attachments:
As stated

DISTRIBUTION:

SFST r/f
File Locations:

ADAMS:

	<u>ML #</u>
Package	ML12213A170
Letter	ML12213A256
Appendix A	ML12213A202
Appendix B	ML12213A205
SER	ML12213A203

OFC	SFST	OGC- NLO	SFST	SFST
NAME	JGoshen	MYoung	MDebose	MSampson
DATE	7/27/2012	11/7 /2012	7/31/2012	11/ 16/2012

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ATTACHMENT 1

ERROR CORRECTION AND DESCRIPTION BY PAGE

Page	Error	Correction
<u>Appendix A TS</u>		
TOC	3.2.2-2 should be 3.2.2-1 and the page number should be corrected to 3.2.2-1 instead of	The TOC and the page have been corrected to 3.2.2-1.
1.1-2	INTACT FUEL ASSEMBLY Definition- “INTACT FUEL ASSEMBLIES may contain integral fuel absorber rods (IFBA) in PWR fuel or burnable poison rods in BWR fuel” was added to the definition. The NRC staff previously determined the definition. . . . to be redundant and erroneously included.	The sentence was removed from the definition, and the definition restored to that approved in Amendment No. 7.
1.1-3 - 1.1-5	MINIMUM ENRICHMENT Definition. NON-FUEL HARDWARE “ OVERPACK “ SPENT FUEL STORAGE CASKS “ STORAGE OPERATIONS “ TRANSPORT OPERATIONS “ UNLOADING OPERATIONS “ – There are revision bars where no text was been changed.	Revision bars have been removed.
1.3-2	Last Para. - There is revision bar where no text changed.	Revision bar has been removed.
5.0-5	After Para. 5.7.5 - There is revision bar where no text has been changed.	Revision bar has been removed.
<u>Appendix B TS</u>		
2-46	Revision bar at Table 2.1-8 title but no text change.	Revision bar has been removed.
3-3	Revision bar at Para. 3.2.2.2 but no text change.	Revision bar has been removed.
3-11	Revision bar to the right of “Alternative, Justification & Compensatory Measures” but no text change.	Revision bar has been removed.
3-20	Revision bar below note 2 but no text change.	Revision bar has been removed.

Safety Evaluation Report

4	Section 4.1, second par., second sentence. - Should read "... maximum backfill pressure of 48.5 psig, defined for the MPC-68 in FSAR Table 4.4.12.	Sentence has been changed from "31.3" psig to reflect "48.5" psig which is the correct value provided in the FSAR Table 4.2.2.
5	Section 4.2.1, first par., second sentence. - "4.4.1.1.8" should be "4.4.1.1.3".	Sentence has been changed from "4.4.1.1.8" to "4.4.1.1.3" to reflect to the correct paragraph in the FSAR.
5	Section 4.2.1, second par., first sentence should read "... 7 atm (or 102.9 psia), for the ..."	Sentence has been changed from "5 atm (73.5 psia)" to "7 atm (or 102.9 psia)" to reflect to the correct value provided in the FSAR.
7	Section 4.2.5. fourth par., second sentence. "31.3" should be "45.5".	Sentence has been changed from "31.3" to "45.5" to reflect to the correct value provided in the FSAR.
8	Section 4.2.6, item (4), first sentence should read "... (not just the 8 permitted in the CoC)..."	Sentence has been changed from "not just 8" to "not just the 8".
8	Section 4.2.6, last par., first sentence. Should read "The staff reviewed Table K.6 in Appendix K of Holtec Report HI-2043317 for..."	Sentence has been changed from "FSAR 4.III.1."1 to "Table K.6 in Appendix K of Holtec Report HI-2043317."
9	Section 4.2.8, Off Normal Pressure, third sentence. Should read "...of 9.5 psi because a maximum value..."	Sentence has been changed from "conservative value" to "maximum value" in accordance with the FSAR.
9	Section 4.2.9 (a) third par., first and third sentences.- Add additional language for clarity to identify that the analyzed fire event is for on-site transfer.	First sentence was revised to "for the fire accident during on-site transfer" from "for the targeted fire accident". The third sentence was changed to "provided in the FSAR for the on-site transfer fire accident" from "200 psig".
9	Section 4.2.9 (a) third par., third sentence.- Change 0.6 C to 24.7°F per FSAR supplement 4.III.6.2 (a)(ii).	Sentence has been changed to "rise of 24.7°F" from temperature rise of "0.6°C (1.0°F)" to reflect to the correct value provided in the FSAR.

ATTACHMENT 2

CORRECTED APPENDIX A

ATTACHMENT 3

CORRECTED APPENDIX B

ATTACHMENT 4

CORRECTED SAFETY EVALUATION REPORT