February 9, 2011

Ms. Tammy Morin,
Licensing Manager
Holtec International
Holtec Center
555 Lincoln Drive West
Marlton, NJ 08053

SUBJECT: SECOND REQUEST FOR ADDITIONAL INFORMATION TO LICENSE AMENDMENT REQUEST NO. 8 TO HOLTEC INTERNATIONAL HI-STORM 100 CERTIFICATE OF COMPLIANCE NO. 1014 (TAC NO. L24398)

Dear Ms. Morin:

By letter dated November 28, 2009, as supplemented November 4, and December 14, 2010, Holtec International submitted license amendment request No. 8 to the U. S. Nuclear Regulatory Commission (NRC) for the HI-STORM 100 Certificate of Compliance No. 1014. The NRC staff has reviewed your application and has determined that additional information is required to complete its detailed technical review. The additional information is identified in the enclosure to this letter. We request that you provide the information by February 28, 2011. Please inform us in writing at your earliest convenience, but no later than February 17, 2011, if you are not able to provide the information by the requested date. You should also include a new proposed submittal date and the reasons for the delay to assist us in re-scheduling your review.

Please reference Docket No. 72-1014 and TAC No. L24398 in future correspondence related to this licensing action. If you have any questions, please contact me at (301) 492-3325.

Sincerely,

/RA/

John 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

Enclosure: 2nd Request for Additional Information

Ms. Tammy Morin,
Licensing Manager
Holtec International
Holtec Center
555 Lincoln Drive West
Marlton, NJ 08053

SUBJECT: SECOND REQUEST FOR ADDITIONAL INFORMATION TO LICENSE AMENDMENT REQUEST NO. 8 TO HOLTEC INTERNATIONAL HI-STORM 100 CERTIFICATE OF COMPLIANCE NO. 1014 (TAC NO. L24398)

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Docket No.: 72-1014

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Enclosure: 2nd Request for Additional Information
Distribution: SFST r/f
ADAMS:
File location: G:\SFST\HI-STORM 100\Amendment 8\RAI 2\Second request for additional information.doc
ADAMS Accession No.: ML110400084

OFC:	SFST	SFST	SFST	SFST	SFST	SFST
NAME:	JGoshen	JIreland	DForsyth	VWilson	JChang	WWheatley
DATE:	1/24/2011	1/25/2011	1/ 25 /2011	1/ 25 /2011	1/25/2011	1/ 25 /2011
OFC:	SFST	SFST		SFST	SFST	
NAME:	JVera	GHornseth		MRahimi	MSampson	
DATE:	1/24/2011	1/24/2011		1/26 /2011	2/09 /2011	

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HOLTEC INTERNATIONAL

DOCKET NO. 72-1014

LICENSE AMEMDMENT REQUEST NO. 8

TO THE HI-STORM 100 CASK STORAGE SYSTEM

SECOND REQUEST FOR ADDITIONAL INFORMATION

6.0 Criticality Evaluation

6-1 (Follow-up to Round 1 RAI 6-7) Clarify the enrichment for damaged fuel for the 10x10F.

When referring to damaged fuel calculations, SAR Section 6.III.4.1 states that for the 10x10F (4.7% enrichment) that the damaged fuel was evaluated at an enrichment of 4.0 wt%. However Tables 2.III.3 of the SAR and Table 2.1-3 of the TS (Attachment 5 to the November 4, 2010, submittal) state that the enrichment limit for damaged fuel is 4.7%. Please clarify the enrichment of the damaged fuel for the 10x10F and update the incorrect section(s) accordingly.

10 CFR 72.11(a) requires that the information provided by the applicant be complete and accurate in all material respects.