

October 5, 2001

Mr. Brian Gutherman  
Licensing Manager  
Holtec International  
555 Lincoln Drive West  
Marlton, NJ 08053

SUBJECT: HI-STORM 100 REVIEW TELEPHONE CALL

Dear Mr. Gutherman:

On July 3, 2001, Holtec International (Holtec) submitted a revised application in accordance with 10 CFR Part 72 for an amendment to Certificate of Compliance No. 1014 for the HI-STORM 100 Cask System to permit design changes and allow the use of a 32 assembly fuel basket. Additional information was submitted by Holtec on August 13 and August 17, 2001.

The U. S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided and concluded that additional information is needed to clarify the design functions of the fuel spacers. On October 2, 2001, a telephone call was held with Holtec to discuss this issue. In the October 2, 2001, telephone call, Holtec agreed to provide the following information by October 9, 2001, to address the design functions of the fuel spacers.

- Revise the proposed Final Safety Analysis Report (FSAR) Tables 2.1.9 and 2.1.10 to specifically state that the fuel spacers are sized to ensure that the active fuel region of intact assemblies remains within the BORAL neutron poison region.
- Revise the verbiage in proposed FSAR Chapter 6 to address damaged fuel and fuel debris.
- Revise the proposed Certificate of Compliance, Appendix B, Design Features, to specifically state that the fuel spacers are sized to ensure that the active fuel region of intact assemblies remains within the BORAL neutron poison region.

You may contact me at 301-415-2947 if you have any questions regarding our review of the amendment request.

Sincerely,  
/S/ /RA/  
Christopher P. Jackson, Project Manager  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 72-1014  
TAC No. L23344

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<b>OFC</b>	SFPO	SFPO	SFPO	SFPO
<b>NAME</b>	CJackson	SWhaley	EZiegler	JGuttman
<b>DATE</b>	10/05/01	10/4/2001	10/3/2001	10/05/01

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