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October 4, 2007

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: USNRC Docket No. 72-1008  
HI-STAR 100 Certificate of Compliance 1008  
HI-STAR Final Safety Analysis Report Update per 10 CFR 72.248(c)(6)

Reference: [1] Holtec Project 5014  
[2] Holtec International Letter 5014619, dated May 1, 2007

Dear Sir:

In accordance with 10 CFR 72.248, Holtec International herewith submits the periodic (biennial) update of the Final Safety Analysis Report (FSAR) for the HI-STAR 100 Dry Spent Fuel Storage System.

No changes to the cask design or procedures have been incorporated into the HI-STAR 100 FSAR Revision 3 since the last submittal to the NRC on May, 1, 2007. Any revision bars merely indicate the changes between Revisions 2 and 3 as was previously described in Reference [2].

If you have any questions or require additional information, please contact us.

Sincerely,

Stefan Anton, Dr.-Ing.  
Licensing Manager, Holtec International

Distribution: NRC Document Control Desk  
Mr. Joseph Sebrosky, USNRC  
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Holtec Groups 1-4 (w/o enclosure)

Enclosure: HI-STAR 100 Cask System Final Safety Analysis Report, Revision 3 (CD format).

Document ID 5014636

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**CERTIFICATION PURSUANT TO 10 CFR 72.248(c)(4)(i)**

I hereby certify that the information in HI-STAR FSAR Revision 3 is up to date and no changes have been made since the last submittal on May 1, 2007.

Stefan Anton, Dr.-Ing.  
Licensing Manager, Holtec International

**INFORMATION PERTAINING TO COMPACT DISK SUBMITTAL**

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**Document Components:** One (1) CD-ROM is included with this submission. The CD-ROM labeled "HI-STAR 100 FSAR Rev 3 October 2007" contains one file:

**File Name:** HI-STAR 100 FSAR\_Rev3\_October\_2007.pdf  
**File Size:** 35 Megabytes

**Non-document Components:** None