



Holtec Center, 555 Lincoln Drive West, Marlton, NJ 08053

Telephone (856) 797-0900

Fax (856) 797-0909

October 21, 2009

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
[3] Holtec International Letter 5014636, dated October 4, 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 October 4, 2007 [3]. 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,

Tammy S. Morin
Licensing Manager, Holtec International

Distribution (w/o Enclosure):

Mr. Eric Benner, Licensing Branch Chief, NMSS/SFST, USNRC
General and Site-Specific Licensees
Holtec Groups 1-4

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

KIMSSO1
NMSS



Holtec Center, 555 Lincoln Drive West, Marlton, NJ 08053

Telephone (856) 797-0900

Fax (856) 797-0909

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Document ID 5014691
Page 2 of 2

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 October 4, 2007.

Tammy S. Morin
Licensing Manager, Holtec International