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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Document ID 5014627
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June 21, 2007

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

Subject: USNRC Docket No. 72-1014,
HI-STORM 100 Certificate of Compliance 1014,
HI-STORM Final Safety Analysis Report Revision 5

Reference: 1. Holtec Project 5014
2. Amendment No. 3 to Certificate of Compliance No. 1014 for the Holtec
International HI-STORM 100 Cask System

Dear Sir:

Holtec International herewith submits the Final Safety Analysis Report (FSAR) for the HI-STORM 100 Dry Spent Fuel Storage System, Revision 5, for information.

HI-STORM 100 FSAR Revision 5 includes the effects of all changes to the cask design or procedures reviewed and approved through Amendment 3 to the HI-STORM Certificate of Compliance (CoC) (Reference 2). This FSAR Revision also includes the effects of changes to the cask design or procedures made pursuant to 10 CFR 72.48 that were not previously incorporated into the FSAR, up to June 7, 2007. This FSAR revision is submitted with revision bars to identify all changes described above.

FSAR Section 1.0.1 includes a list of Holtec Engineering Change Orders (ECOs) for generic changes to the cask system that are reflected in the revision. A subset of those ECOs represents changes authorized under 10 CFR 72.48. The balance represent changes for which 10 CFR 72.48 was not applicable (e.g., editorial, correction of inconsistency, NRC approval).

All changes included in the FSAR text and tables are indicated with a revision bar in the right margin and the revision number in the lower right corner of the page. If anything in a particular text section (e.g., Section 1.X) changed, the entire section was updated to the new revision number. The revision bars indicate the specific location of the changes on the pages. Sections with no changes in a revision still indicate in the footer the last revision that this section was changed.

*Note: CD Noncompliant with NRC Requirements.
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CD with PM (Joe Sebrosky)*

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Any new or revised figures have been updated individually and include the new revision number in the footer below the figure. Figures that did not change still indicate the last revision number that the figure was changed. Lastly, the FSAR revision includes an updated table of contents and list of effective pages, indicating the current revision of text pages and figures in the document.

This FSAR update is provided as an electronic submittal only, in compact disc format.

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

Sincerely,

Evan Rosenbaum
Project Manager, HI-STORM CoC Amendment 3

Document ID: 5014627

Enclosure: HI-STORM 100 Cask System Final Safety Analysis Report, Revision 5 (CD format).

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