HOLTEC
INTERNATIONAL

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January 16, 2002

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

Subject: USNRC Docket Nos. 71-9261, 72-1008 and 72-1014

Reference: Holtec Project No. 5014

Dear Sir:

As requested by the Spent Fuel Project Office (SFPO), the following provides an updated schedule and description for anticipated licensing actions associated with the HI-STAR 100 and HI-STORM 100 Systems. This information is provided to facilitate SFPO scheduling of resources over the next year.

HI-STORM 100 EXEMPTION REQUEST (Docket 72-1014)

A request for exemption from 10 CFR 72.248(c)(6) regarding FSAR updates has been prepared and will be submitted by January 17, 2002. This licensing action will request NRC approval of a one-time extension to the requirement to submit an FSAR update two years after the initial issuance of the HI-STORM 100 System Certificate of Compliance (CoC).

HI-STAR 100/HI-STORM 100 ASME CODE EXCEPTIONS (Dockets 72-1008 and 72-1014)

A request for NRC approval of additional exceptions to the ASME Code will be submitted by January 31, 2002. This action is consistent with our commitment in response to the NRC inspection of Holtec conducted in September, 2001.

HI-STORM 100 AMENDMENT REQUEST (Docket 72-1014)

An amendment request for the HI-STORM 100 System will be submitted by February 28, 2002. The scope of this amendment request will be considerably narrower than the first HI-STORM 100 amendment request and will primarily involve a change to the design basis thermal capacity of the HI-STORM 100 System. Additional proposed changes will include removing appendices containing Mathcad™ types of calculations from the FSAR document and re-locating the information to the supporting calculation packages; refining the confinement methodology described in the FSAR; authorizing high burnup, advanced fuel cladding alloys for storage; and removing the QA program description from the FSAR in lieu of a reference to the latest NRC-approved Holtec QA program manual.

This amendment request will principally call upon the NRC's staff resources in the area of thermal, confinement, and shielding analysis.

HI-STAR 100 TRANSPORTATION AMENDMENT REQUEST (Docket 71-9261)

An amendment request for the HI-STAR 100 transportation cask will be submitted in the second quarter, 2002. This amendment request will address certain fabrication issues to allow certification

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of HI-STAR overpacks and MPCs, previously deployed for spent fuel storage, for transportation under the CoC. This amendment request will also include: 1) certification of the Trojan Plant MPCs for use in the HI-STAR 100 System, 2) adding the MPC-32 using burnup credit, and 3) updating the authorized contents to be consistent with the contents authorized for storage.

This amendment request will principally call upon the NRC's staff resources in the areas of thermal, structural, containment, shielding, and criticality analysis.

HI-STAR 100 STORAGE AMENDMENT REQUEST (Docket 72-1008)

An amendment request for the HI-STAR 100 storage cask will be submitted in the fourth quarter, 2002. This amendment request will bring the HI-STAR 100 storage CoC up-to-date with the HI-STORM 100 storage CoC with regard to MPC design, authorized contents, ultra-high seismic deployment, and other issues.

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

Sincerely,

Brian Gutherman, P.E.
Licensing Manager

Approval:

K.P. Singh, Ph.D., P.E.
President and CEO

emcc: Mr. Timothy Kobetz, USNRC
Mr. John Monninger, USNRC
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Holtec Groups 1 and 4
HUG Group N
HUG Licensing Committee

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