

HOLTEC HIGHLIGHTS

(A Summary Report to Our Clients, Suppliers, and Company Personnel)

SOUTHERN NUCLEAR PIONEERS HI-STORM LOADING

The nuclear industry's first loading of an MPC in a ventilated overpack, certified under a general CoC, occurred on June 26, 2001 at Plant Hatch, in Baxley, Georgia. Southern Nuclear, with able assistance from our Dry Storage Project Team, loaded an MPC-68 in the HI-STORM 100 overpack with minimal dose to the operations personnel. The HI-TRAC 125 transfer cask (125-ton maximum weight) was used to load the MPC in the pool, and to carry out all closure operations. The transfer of the loaded MPC from the transfer cask (HI-TRAC 125) to the HI-STORM overpack took place in the truck bay using Hatch's 125-ton single-failure-proof crane. A cask crawler engineered to carry both HI-STORMs and HI-STARs delivered the loaded HI-STORM to the ISFSI pad, where it joined three loaded HI-STARs from last year's loading campaign. (Please see attached photo.)

Pioneers, however, must prove their mettle in the crucible of perseverance. The first loading of the HI-STORM was not entirely trouble-free: The loading duration was lengthened by a difficulty in closing the vent and drain caps after the backfilling operation was completed. A root cause evaluation was performed by both Holtec and Southern. The required recovery steps were defined, analyzed, and executed by the Southern/Holtec team leading up to the completion of loading on June 26. HI-STAC attendees (August 21-23, Syracuse, New York; see Holtec Highlights Issue No. HH16.09) will receive a full discourse on the wisdom received from Hatch's loading campaign from Southern Nuclear and Holtec representatives. Jim Wade (PM), Glenn Goode, Terry Sides, Tom McCallum, Chris Howard, John Ponder, and Larry Rayner of Southern, as well as Bernard Gilligan and Russell Goodrich of Holtec, deserve our accolades for this superb accomplishment. Mr. George Bockhold, Southern's Manager of Projects, summed the HI-STORM loading success as "a testament to the triumph of individual dedication and teamwork by Holtec and Southern's personnel."

The MPCs were manufactured by UST&D, Inc. The ancillaries were shop tested for compatibility and operational ruggedness, also at UST&D, Inc. We thank UST&D's management and personnel for their prompt and competent support during this effort.

To protect Plant Hatch's strategic needs, Southern Nuclear had also contracted with our company to execute a wet storage capacity expansion in the Hatch fuel pools. The appropriate operating license amendments were secured from the NRC and the wet storage project was brought to a successful closure last year.

We are pleased to observe that both the dry and wet storage initiatives at Plant Hatch have been unqualified successes. Southern Nuclear plans to load three more HI-STORMs this year.

For more information
please contact:
Ms. Joy Russell

Telephone:
856-797-0900, Ext. 655

E-Mail:
Joy.Russell@holtec.com

Visit our web site at:
Holtecinternational.com

HOLTEC INTERNATIONAL
HOLTEC CENTER
555 LINCOLN DRIVE
WEST
MARLTON, NJ 08053

HOLTEC HIGHLIGHTS

(A Summary Report to Our Clients, Suppliers, and Company Personnel)

RESPONSES TO RAIs on HI-STORM LICENSE AMENDMENT REQUEST 1014-1 SUBMITTED

On the promised date of July 3, 2001, Holtec International submitted a complete response to NRC's RAIs on the License Amendment Request (LAR) 1014-1 (HI-STORM Certificate of Compliance No. 72-1014). The responses to the RAIs were accompanied by copies of the HI-STORM FSAR and CoC with proposed revisions annotated. The transmitted information also includes the code that implements the company's methodology for computing the permissible peak cladding temperature for high burnup fuel, a subject of worldwide technical interest.

LAR 1014-1 is intended to meet the immediate and emerging needs of the company's dry storage clients. Among the areas covered are high burnup SNF, a high-capacity canister for PWR fuel, regionalized storage, and HI-STORM deployment at ultra-high seismic sites.

By providing a thorough and comprehensive response in less than two-thirds of the time allotted by the SFPO, the company hopes to have helped improve the NRC's published review schedule, which calls for the issuance of the SER in November 2001.

"We thank the HUG reviewers of this submittal package for their most valuable inputs," said Brian Gutherman, the company's Licensing Manager for the Dry Storage program.

HI-STORM LOADING UPDATE

Southern Nuclear's Plant Hatch has completed the loading of its second HI-STORM 100 System (see attached photos). The second HI-STORM was positioned on the ISFSI pad July 10, 2001. (The first HI-STORM was loaded and positioned on the Hatch ISFSI on June 26, 2001 (Holtec Highlights issue HH16.14)). Jim Wade, Southern's Project Manager commented, "This cask was loaded and placed in the ISFSI in a net 7 days. [We] placed the HI-TRAC in the pool Sunday night, loaded fuel on Monday, but took the weekend off before transferring [the MPC] to the HI-STORM and placing [the HI-STORM] on the pad." The smooth execution of the loading indicates that the underlying cause for the delay in the loading of the first HI-STORM has been remedied. Hatch now has three HI-STAR 100 dual-purpose overpacks and two HI-STORM 100s on its ISFSI pad, all loaded with MPC-68s. (Southern Project Manager: Jim Wade)

Exelon's Dresden site completed loading of its first HI-STORM with MPC-68FF (BWR MPC for failed fuel) on July 3, 2001 (Holtec Highlights issue HH16.15). Loading of the MPC-68 to be stored in the second HI-STORM overpack to begin this week. Exelon presently has nine additional HI-STORMs and eight MPC 68s at the Dresden site. Four more HI-STORMs and five MPCs are due to be shipped to the site from UST&D by September-end. Exelon plans to load eleven HI-STORMs with Dresden Units 1 and 2 SNF in this calendar year. (Exelon Project Manager: J. Nathan Leech)

J.A. FitzPatrick (Entergy Northeast) has three HI-STORMs and MPC-68s at the site ready for loading. Dry run demonstrations for the USNRC will begin on July 23, 2001. Loading is expected to occur this fall. HI-TRAC 125 will be used to load the MPCs and transfer them to the HI-STORM 100S overpacks in the truck bay. (J.A. FitzPatrick Project Manager: Ken Phy)

For more information
please contact:
Ms. Joy Russell

Telephone:
856-797-0900, Ext. 655

E-Mail:
Joy.Russell@holtec.com

Visit our web site at:
Holtecinternational.com

HOLTEC INTERNATIONAL
HOLTEC CENTER
555 LINCOLN DRIVE
WEST
MARLTON, NJ 08053

10

DOCKETED
USNRC



2003 JAN 31 PM 2: 12

OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

CLEAR REGULATORY COMMISSION

Docket No. _____ Official Exh. No. 191
 In the matter of PPS
 Staff _____ IDENTIFIED ✓
 Applicant _____ RECEIVED ✓
 Intervenor ✓ _____ REJECTED _____
 Other _____ WITHDRAWN _____
 DATE 5-16-02 Witness _____
 Clerk amp _____