RAS 5656 72-22-ISFSI-State Exhibit 194-Rec'd 5/16/02

Dry Spent Fuel Storage

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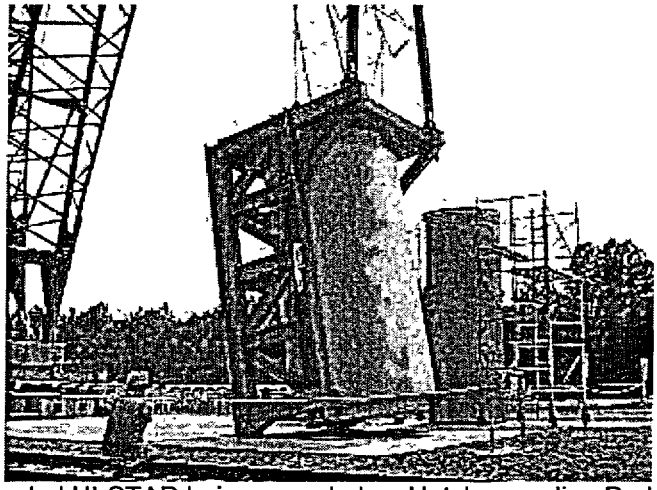
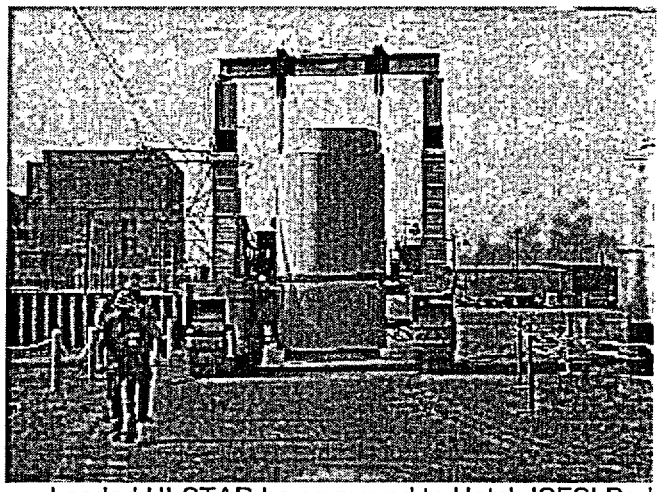
Dry Spent Fuel Storage

Most operating reactors do not possess sufficient in-pool storage capacity, even after availing themselves of the fruits of the latest Holtec wet storage technology, to wet store all of their discharged fuel until the end of their licensed life.



Loaded HI-STAR being upended on Hatch upending Pad

For such plants, dry storage and, for the moment an on-site storage facility, is the only viable option. Since 1992, Holtec International has been engaged in a focused R&D effort to devise, develop, and license the safest and most competent array of components to store and transport spent nuclear fuel.



Loaded HI-STAR being moved to Hatch ISFSI Pad

The company's cask development program has been exclusively geared to develop systems using the multi-purpose canister (MPC) concept. By any measure, this technology development endeavor has been an outstanding success: HI-STAR 100, the industry's first cask system certified for both storage and transport, and HI-STORM 100, industry's first MPC-based ventilated storage system, are most tangible accomplishments of Holtec's decade long R&D commitment to spent fuel management technologies.

On July 6, 2000, Southern Nuclear's Plant Hatch (Baxley, GA) made nuclear history by successfully loading a certified

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multi-purpose canister (MPC-68) in a dual purpose cask (HI-STAR 100). Photos shown on the right provide glimpses into the cask loading evolutions at Plant Hatch. The total duration of this maiden HI-STAR 100 implementation operation - ten days (June 26th through July 6th, with the July 4th holidays intervening) - is a tribute to the competence and dedication of the Southern Nuclear and Holtec project team.

Southern Nuclear plans to load two more HI-STAR 100s in summer of 2000. We are also most pleased to report that radiation surveys of the loaded HI-STAR 100 surfaces showed considerably lower dose rates than those predicted by the Topical Safety Analysis Report (TSAR) calculations for the actual fuel (burnup and cooling time) loaded. This radiation data speaks to the high quality manufacturing by UST&D and the efficacy of our neutron shield material (Holtite-A TM).

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NUCLEAR REGULATORY COMMISSION

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In the matter of PFS
Staff _____ IDENTIFIED ✓
Applicant _____ RECEIVED ✓
Intervenor ✓ REJECTED _____
Other _____ WITHDRAWN _____
DATE 5-16-03 Witness _____
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