

Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

August 20, 2012

10 CFR 72.4 10 CFR 72.212

ATTN: Document Control Desk Director, Spent Fuel Storage and Transportation Office of Nuclear Material Safety and Safeguards U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

> Browns Ferry Nuclear Plant, Units 1, 2, and 3 Facility Operating License Nos. DPR-33, DPR-52, and DPR-68 NRC Docket Nos. 50-259, 50-260, 50-296, and 72-052

Subject: Registration of Use of Cask to Store Spent Fuel

In accordance with Title10 *Code of Federal Regulations* (10 CFR) Part 72.212, "Conditions of General License Issued Under §72.210," paragraph (b)(2), the Tennessee Valley Authority (TVA) is submitting the registration for the use of four spent fuel storage casks under the general license to store spent fuel at the Browns Ferry Nuclear Plant (BFN) Independent Spent Fuel Storage Installation. The initial use of the first cask listed below to store spent fuel occurred on July 20, 2012. This registration is required to be submitted within 30 days

Pursuant to 10 CFR 72.212, paragraph (b)(2), TVA is providing the following cask loading information:

of initial use. Accordingly, this submittal is due by August 20, 2012.

Licensee Name:

Tennessee Valley Authority

Licensee Address:

Post Office Box 2000

Decatur, Alabama 35609-2000

Reactor License Numbers:

DPR-33, DPR-52, and DPR-68

Reactor Docket Numbers:

50-259, 50-260, and 50-296



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Responsible Individual:

Thomas A. Hess

Program Manager, Corporate Nuclear Licensing,

BFN

Cask Certificate Number:

1014, Amendment 5

Cask Model Number:

Holtec International, HI-STORM 100S

For the cask system placed in service on July 20, 2012:

Cask Identification

Numbers:

Multi-Purpose Canister Type 68, Serial No. 0325 Overpack Serial No. 0489

For the cask system placed in service on August 1, 2012:

Cask Identification

Numbers:

Multi-Purpose Canister Type 68, Serial No. 0323 Overpack Serial No. 0491

For the cask system placed in service on August 6, 2012:

Cask Identification

Numbers:

Multi-Purpose Canister Type 68, Serial No. 0322 Overpack Serial No. 0490

For the cask system placed in service on August 12, 2012:

Cask Identification

Numbers:

Multi-Purpose Canister Type 68, Serial No. 0320 Overpack Serial No. 0486

There are no new regulatory commitments contained in this letter. If you have any questions, please contact T. A. Hess at (423) 751-3487.

Respectfully.

. W. Shea

Vice President, Nuclear Licensing

cc: NRC Regional Administrator - Region II