



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

CNL-13-111

October 18, 2013

10 CFR 72.4  
10 CFR 72.212

ATTN: Document Control Desk  
Director, Division of 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  
Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68  
NRC Docket Nos. 50-259, 50-260, and 50-296

**Subject: Registration of Use of Cask to Store Spent Fuel**

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 72.212, "Conditions of General License Issued Under §72.210," paragraph (b)(2), Tennessee Valley Authority (TVA) is submitting the registration for the use of two 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 September 20, 2013. In accordance with 10 CFR 72.212, this registration is required to be submitted within 30 days of initial use. Accordingly, this submittal is due by October 21, 2013.

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

Licensee Name:	Tennessee Valley Authority
Licensee Address:	Post Office Box 2000 Decatur, Alabama 35609-2000
Reactor License Numbers:	DPR-33, DPR-52, and DR-68
Reactor Docket Numbers:	50-259, 50-260, 50-296

HMSS26

Responsible Individual: Thomas A. Hess  
Program Manager,  
Corporate Nuclear Licensing

Cask Certificate Number: 1014, Amendment 5

Cask Model Number: Holtec International, HI-STORM 100S

For the cask system placed in service on September 20, 2013:

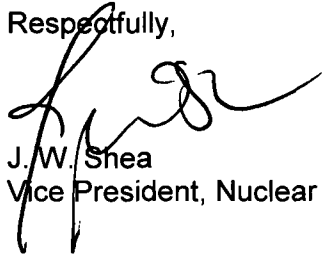
Cask Identification Numbers Multi-Purpose Canister  
Type 68, Serial No. 0326  
Overpack Serial No. 0493

For the cask system placed in service on September 30, 2013:

Cask Identification Numbers Multi-Purpose Canister  
Type 68, Serial No. 0324  
Overpack Serial No. 0497

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

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

cc: NRC Regional Administrator - Region II