



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

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June 22, 2016

10 CFR 72.4  
10 CFR 72.212

ATTN: Document Control Desk  
Director, Division of Spent Fuel Management  
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, 50-296, and 72-052

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), the Tennessee Valley Authority (TVA) is submitting the registration for the use of three 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 May 23, 2016. This registration is required to be submitted to the Nuclear Regulatory Commission (NRC) within 30 days of initial use. Accordingly, this registration is due to the NRC by June 22, 2016, in accordance with 10 CFR 72.4. The registrations of two additional casks, which were initially used on May 27, 2016, and June 3, 2016, respectively, are being submitted with this report.

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 DPR-68
Reactor Docket Numbers:	50-259, 50-260, 50-296

Responsible Individual: Jamie L. Paul  
Site Licensing Manager,  
Browns Ferry Nuclear Plant

Cask Certificate Number: 1032, Amendment 0

Cask Model Number: Holtec International, HI-STORM FW MPC  
Storage System

For the cask system placed in service on May 23, 2016:

Cask Identification Numbers Multi-Purpose Canister  
Type 89, Serial No. 021  
Overpack Serial No. 041

For the cask system placed in service on May 27, 2016:

Cask Identification Numbers Multi-Purpose Canister  
Type 89, Serial No. 022  
Overpack Serial No. 042

For the cask system placed in service on June 3, 2016:

Cask Identification Numbers Multi-Purpose Canister  
Type 89, Serial No. 023  
Overpack Serial No. 055

There are no new regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact J. L. Paul, Nuclear Site Licensing Manager, at (256) 729-2636.

Respectfully,



S. M. Bono  
Vice President

cc: NRC Regional Administrator - Region II