



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

November 20, 2009

10 CFR 72.4
10 CFR 72.212(b)(1)(ii)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
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 10 CFR 72.212, "Conditions of General License Issued Under §72.210," paragraph (b)(1)(ii), 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. The initial use of the first cask listed below to store spent fuel occurred on October 26, 2009. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by November 25, 2009.

Pursuant to 10 CFR 72.212(b)(1)(ii), TVA is providing the following 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, and 50-296
Independent Spent Fuel Storage Installation Docket Number:	72-052

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Responsible Individual: F. R. Godwin
Manager of Licensing
and Industry Affairs

Cask Certificate Number: 1014, Amendment 5

Cask Model Number: HI-STORM 100S

For the cask system placed in service on October 26, 2009:

Cask Identification Numbers: Multi-Purpose Canister
Type 68, Serial No. 0188
Overpack Serial No. 0237

For the cask system placed in service on October 31, 2009:

Cask Identification Numbers: Multi-Purpose Canister
Type 68, Serial No. 0189
Overpack Serial No. 0238

For the cask system placed in service on November 5, 2009:

Cask Identification Numbers: Multi-Purpose Canister
Type 68, Serial No. 0190
Overpack Serial No. 0239

For the cask system placed in service on November 11, 2009:

Cask Identification Numbers: Multi-Purpose Canister
Type 68, Serial No. 0120
Overpack Serial No. 0149

There are no new regulatory commitments in this letter. If you have any questions, please contact F. R. Godwin at (256) 729-2636.

Respectfully,



for
R. M. Krich
Vice President
Nuclear Licensing

cc: NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant