



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

October 14, 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: **Re-registration of Spent Fuel Storage Casks Under Amended Certificate of Compliance**

- References:
1. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated August 19, 2015.
 2. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated September 14, 2015.
 3. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated October 9, 2015.
 4. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated November 9, 2015.
 5. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated June 22, 2016.
 6. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated July 11, 2016.
 7. Letter from TVA to NRC, "Registration of Use of Cask to Store Spent Fuel," dated August 1, 2016.
 8. Letter from NRC to Holtec International, "Issuance [of] Certificate of Compliance No. 1032, Amendment No. 0, Revision No. 1, for the HI-STORM Flood/Wind Multipurpose Canister Storage System (TAC No. L24948)," dated April 25, 2016.

By letter dated April 25, 2016 (Reference 8), the NRC issued Certificate of Compliance (CoC) No. 1032 Amendment 0, Revision 1, for the HI-STORM 100 Flood/Wind (FW) Multipurpose Canister (MPC) Storage System.

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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)(4), the Tennessee Valley Authority (TVA) is submitting the re-registration for the use of nineteen HI-STORM FW spent fuel storage casks under the general license to store spent fuel at the Browns Ferry Nuclear Plant (BFN) Independent Spent Fuel Storage Installation. All nineteen casks were originally certified to CoC 72-1032, Amendment 0. BFN has applied the changes authorized by CoC 72-1032, Amendment 0, Revision 1 to these casks. The initial use of the first cask listed below to store spent fuel occurred on July 20, 2015. The re-registrations of eighteen additional casks, which were placed in service between July 25, 2015, and July 10, 2016, are being submitted with this report (References 1 - 7).

Pursuant to 10 CFR 72.212(b)(4), 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, Revision 1
Cask Model Number:	Holtec International, HI-STORM FW MPC Storage System

For the cask system placed in service on July 20, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 001 Overpack Serial No. 001
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For the cask system placed in service on July 25, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 002 Overpack Serial No. 002
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For the cask system placed in service on August 10, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 004 Overpack Serial No. 004
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For the cask system placed in service on August 15, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 013 Overpack Serial No. 017
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For the cask system placed in service on August 21, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 003 Overpack Serial No. 003
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For the cask system placed in service on August 28, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 014 Overpack Serial No. 018
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For the cask system placed in service on September 12, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 015 Overpack Serial No. 019
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For the cask system placed in service on September 17, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 016 Overpack Serial No. 020
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For the cask system placed in service on September 25, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 017 Overpack Serial No. 021
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For the cask system placed in service on October 10, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 018 Overpack Serial No. 022
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For the cask system placed in service on October 17, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 019 Overpack Serial No. 039
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For the cask system placed in service on October 23, 2015:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 020 Overpack Serial No. 040
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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
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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
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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
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For the cask system placed in service on June 9, 2016:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 024 Overpack Serial No. 056
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For the cask system placed in service on June 24, 2016:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 025 Overpack Serial No. 057
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For the cask system placed in service on June 30, 2016:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 026 Overpack Serial No. 058
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For the cask system placed in service on July 10, 2016:

Cask Identification Numbers	Multi-Purpose Canister Type 89, Serial No. 027 Overpack Serial No. 059
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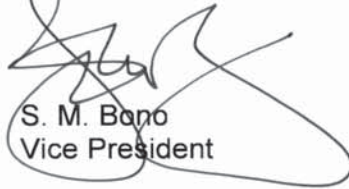
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There are no new regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact J. L. Paul, Nuclear Site Licensing Manager, at (256) 729-2636.

Respectfully,



S. M. Bono
Vice President

cc: NRC Regional Administrator - Region II