



May 12, 2016

10 CFR 72.212

Serial: BSEP 16-0036

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Subject: Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324
Independent Spent Fuel Storage Installation (ISFSI) Docket No. 72-006
Registration for Use of General License Spent Fuel Cask

Ladies and Gentlemen:

In accordance with 10 CFR 72.212(b)(2), Duke Energy Progress, Inc., hereby notifies the NRC of storage of dry fuel under Cask Certificate of Compliance 72-1004, Amendment 10, as described below:

Licensee Name: Duke Energy Progress, Inc.
Licensee Address: Brunswick Steam Electric Plant
P.O. Box 10429
Southport, NC 28461-0429
Date of Storage: May 5, 2016
Cask Model: Type 2 NUHOMS®-61BTH
Canister Identification Number: BNP-61BTH-2-E-2H-LT15
Module Storage Location: HSM-H / 0-ISFSI-HSM-026

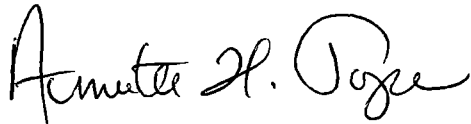
The cask listed above is not the highest heat load cask loaded to date; therefore, a thermal performance assessment is not provided.

No regulatory commitments are contained in this letter.

NM5520
NM5526
NRR
NM55

If there are any questions regarding this registration, please contact Mr. Lee Grzeck,
Manager - Regulatory Affairs, at (910) 457-2487.

Sincerely,

A handwritten signature in black ink, reading "Annette H. Pope". The signature is written in a cursive style with a large, prominent initial "A".

Annette H. Pope
Director – Organizational Effectiveness
Brunswick Steam Electric Plant

cc:

U.S. Nuclear Regulatory Commission, Region II
ATTN: Ms. Catherine Haney, Regional Administrator
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

U.S. Nuclear Regulatory Commission
ATTN: Mr. Andrew Hon (Mail Stop OWFN 8G9A) **(Electronic Copy Only)**
11555 Rockville Pike
Rockville, MD 20852-2738

U.S. Nuclear Regulatory Commission
ATTN: Ms. Michelle P. Catts, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U.S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Robert P. Carrion, Division of Reactor Safety
245 Peachtree Center Ave, NE, Suite 1200
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Chair - North Carolina Utilities Commission
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U.S. Nuclear Regulatory Commission
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