



JUL 10 2012

10 CFR 72.212

LR-N12-0213

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, DC 20555-0001

Salem Nuclear Generating Station Units 1 and 2  
Facility Operating License Nos. DPR-70 and 75  
NRC Docket Nos. 50-272, 50-311, and 72-48

**Subject: Spent Fuel Cask Registration**

Pursuant to the requirements of 10 CFR 72.212(b)(2), PSEG Nuclear LLC (PSEG) hereby reports the following registration information associated with two HI-STORM 100 spent fuel cask systems that were recently placed into storage in the PSEG Independent Spent Fuel Storage Installation (ISFSI).

|                        |                     |
|------------------------|---------------------|
| Cask Certificate       | 72-1014 Amendment 5 |
| Cask Model             | HI-STORM 100        |
| MPC Serial Number      | 1023-247            |
| Overpack Serial Number | 1024-431            |
| Number of Fuel Bundles | 32                  |
| Placed in Service      | 06/18/2012          |

|                        |                     |
|------------------------|---------------------|
| Cask Certificate       | 72-1014 Amendment 5 |
| Cask Model             | HI-STORM 100        |
| MPC Serial Number      | 1023-133            |
| Overpack Serial Number | 1024-628            |
| Number of Fuel Bundles | 32                  |
| Placed in Service      | 06/25/2012          |

UMS326

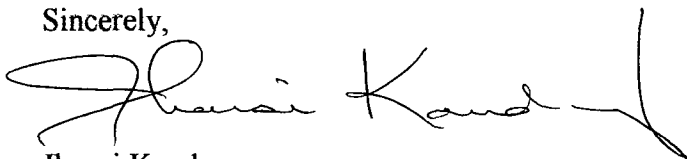
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There are no regulatory commitments contained in this letter. If you have any questions regarding this submittal, please contact Mr. David Lafleur, Regulatory Compliance Engineer at (856) 339-1754.

Sincerely,

A handwritten signature in black ink, appearing to read "Jhansi Kandasamy". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jhansi Kandasamy

Regulatory Assurance Manager – Salem

- C Mr. W. Dean, NRC Administrator, Region I
- Mr. John Hughey, Licensing Project Manager, Salem
- Mr. Dan Shroeder, USNRC Senior Resident Inspector, Salem (X24)
- Mr. P. Mulligan, Manager IV NJBNE
- Mr. P. Macconi, Dry Cask Storage Task Manager
- Mr. T. Cachaza, Salem Commitment Tracking Coordinator
- Ms. L. Marabella, Corporate Commitment Tracking Coordinator
- Mr. D. Lafleur, Salem Regulatory Assurance