



JUL 13 2010

LR-N10-0231

10CFR72.212

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

Hope Creek Generating Station
Facility Operating License No. NPF-57
Docket Nos. 50-354 and 72-48
PO Box 236
Hancocks Bridge, NJ 08038

Subject: Spent Fuel Cask Registration

Pursuant to the requirements of 10CFR72.212(b)(1)(ii), 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	156
Overpack Serial Number	202
Number of Fuel Bundles	68
Placed in Service	06/21/2010

Cask Certificate	72-1014 Amendment 5
Cask Model	HI-STORM 100
MPC Serial Number	158
Overpack Serial Number	204
Number of Fuel Bundles	68
Placed in Service	06/28/2010

There are no regulatory commitments contained in this letter. If you have any questions regarding this submittal, please contact Mr. Timothy Devik, Regulatory Compliance Engineer, at (856) 339-3108.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Gaffney".

Michael G. Gaffney, Sr.
Regulatory Assurance Manager – Hope Creek

KLMS01

C Mr. W. Dean, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

U. S. Nuclear Regulatory Commission
Mr. R. Ennis, Project Manager - Hope Creek
Mail Stop O8B1A
Washington, DC 20555-0001

USNRC Senior Resident Inspector - Hope Creek (X24)

Mr. P. Mulligan, Manager IV
Bureau of Nuclear Engineering
PO Box 415
Trenton, New Jersey 086

HC Commitment Management Coordinator (H02)