



Florida Power & Light Company, 6501 S. Ocean Drive, Jensen Beach, FL 34957

August 9, 2010

L-2010-174  
10 CFR 72.4  
10 CFR 72.212

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

RE: St. Lucie ISFSI  
Docket No. 72-61  
Independent Spent Fuel Storage Installation (ISFSI) Cask Registration

Pursuant to 10 CFR 72.212(b)(1)(ii), this correspondence registers the initial use of the following spent fuel cask at the St. Lucie Nuclear Plant by providing the following information.

|                            |  |
|----------------------------|--|
| Licensee's Name            | Florida Power & Light  |
| Licensee's Address         | St. Lucie Station<br>6501 S. Ocean Drive<br>Jensen Beach, FL 34957 |
| Reactor License Number     | NPF-16   |
| Reactor Docket Number      | 50-389   |
| ISFSI Docket Number        | 72-61  |
| Cask Certificate Number    | 72-1030 per NRC Exemption dated April 19, 2010                     |
| Cask Model Number          | NUHOMS HD-32PTH  |
| Cask Identification Number | HSM PSL 007  |
| Date of Initial Use        | July 23, 2010  |

NIM5501

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If there are any question about this submittal or storage of spent fuel under the St. Lucie ISFSI general license, please contact Gary Hollinger at (561) 691-7457.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Katzman". The signature is stylized with a large, looped initial "E" and the name "Katzman" written in a cursive-like font.

Eric S. Katzman  
Licensing Manger  
St. Lucie Plant

ESK/KWF

cc: USNRC Regional Administrator, Region II