



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

August 9, 2010

L-2010-177
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 6501 S. Ocean Drive 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 009
Date of Initial Use	August 5, 2010

NM5501

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

L-2010-177
Page 2

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 "ES Katzman".

Eric S. Katzman
Licensing Manager
St. Lucie Plant

ESK/KWF

cc: USNRC Regional Administrator, Region II