



April 9, 2008

L-2008-080
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 Unit 1
Docket No. 50-335
Independent Spent Fuel Storage Installation (ISFSI) Cask Registration

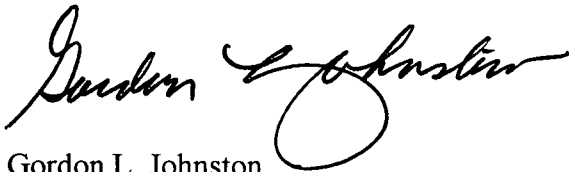
Pursuant to 10 CFR 72.212(b)(1)(ii), this correspondence registers the initial use of the following spent fuel cask at the St. Lucie Nuclear Plant by providing the following information.

Licensee's Name	Florida Power & Light
Licensee's Address	St. Lucie Station 6501 S. Ocean Drive Jensen Beach, FL 34957
Reactor License Number	DPR-67
Reactor Docket Number	50-335
ISFSI Docket Number	72-61
Cask Certificate Number	72-1030, Amendment 0
Cask Model Number	NUHOMS HD-32PTH
Cask Identification Number	HSM PSL004
Date of Initial Use	March 21, 2008

NM5501

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.

Very truly yours,

A handwritten signature in black ink, appearing to read "Gordon Johnston". The signature is written in a cursive style with a large, looping initial "G".

Gordon L. Johnston
Site Vice President
St. Lucie Plant

GLJ/KWF

cc: USNRC Regional Administrator, Region II