



Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel 479-858-4704

Stephenie L. Pyle
Manager, Regulatory Assurance
Arkansas Nuclear One

OCAN071602

July 13, 2016

ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Rockville, MD 20555-0001

SUBJECT: Registration of Cask Use
Arkansas Nuclear One – Units 1 and 2
Docket Nos. 50-313, 50-368, and 72-13
License Nos. DPR-51 and NPF-6

Dear Sir or Madam:

In accordance with the requirement of 10 CFR 72.212(b)(2), this letter hereby registers the initial use of the 76th and 77th dry fuel storage casks at Arkansas Nuclear One (ANO) by providing the following information:

Common information for both casks:

Licensee's Name	Entergy Operations, Inc.
Licensee's Address	1448 SR 333 Russellville, AR 72802
Reactor License Numbers	DPR-51 and NPF-6
Reactor Docket Numbers	50-313 and 50-368
Cask Certification Number	1014
Holtec Certificate Amendment Number	5
Holtec FSAR Amendment Number	7
Cask Model Number	HI-STORM

Specific 76th cask information:

Cask Identification Number	Holtec Cask 52
Date of Initial Use	June 15, 2015
HI-STORM Serial Number	706
MPC-32 Serial Number	276

Specific 77th cask information:

Cask Identification Number	Holtec Cask 53
Date of Initial Use	June 30, 2015
HI-STORM Serial Number	711
MPC-32 Serial Number	277

This letter contains no new regulatory commitments.

If you have any questions concerning this submittal or Entergy Operations' storage of spent fuel at ANO under the general license, please contact me.

Sincerely,

ORIGINAL SIGNED BY STEPHENIE L. PYLE

SLP/rwc

cc: Mr. Kriss Kennedy
Regional Administrator
U. S. Nuclear Regulatory Commission, Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

NRC Senior Resident Inspector
Arkansas Nuclear One
P.O. Box 310
London, AR 72847

U. S. Nuclear Regulatory Commission
Attn: Mr. Stephen Koenick
MS O-8B1A
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

U. S. Nuclear Regulatory Commission
Attn: Mr. William Allen
MS 14A44
One White Flint North
11555 Rockville Pike
Rockville, MD 20852