



Entergy Operations, Inc.
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Stephenie L. Pyle
Manager, Regulatory Assurance
Arkansas Nuclear One

OCAN071604

July 29, 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 78th and 79th 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 78th cask information:

Cask Identification Number	Holtec Cask 54
Date of Initial Use	July 12, 2016
HI-STORM Serial Number	956
MPC-32 Serial Number	420

Specific 79th cask information:

Cask Identification Number	Holtec Cask 55
Date of Initial Use	July 23, 2016
HI-STORM Serial Number	957
MPC-32 Serial Number	421

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
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U. S. Nuclear Regulatory Commission
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U. S. Nuclear Regulatory Commission
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