



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

0CAN051605

May 19, 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 73rd and 74th dry fuel storage cask 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 73rd cask information:

Cask Identification Number	Holtec Cask 49
Date of Initial Use	April 20, 2016
HI-STORM Serial Number	707
MPC-24 Serial Number	062

Specific 74th cask information:

Cask Identification Number	Holtec Cask 50
Date of Initial Use	May 11, 2016
HI-STORM Serial Number	708
MPC-24 Serial Number	063

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. Marc L. Dapas
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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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