



Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72802  
Tel 501 858 5000

10CFR72.212(b)(1)(ii)

0CAN120408

December 22, 2004

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 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 compliance with the requirements of 10CFR72.212(b)(1)(ii), this letter hereby registers the initial use, on December 3 and December 12, 2004, of the 36<sup>th</sup> and 37<sup>th</sup> dry fuel storage casks utilized at Arkansas Nuclear One (ANO) by providing the following information:

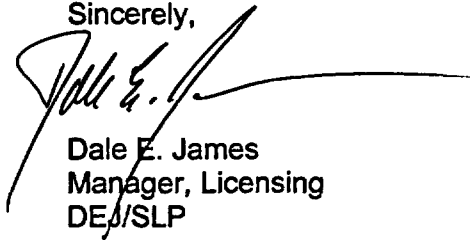
Licensee's Name	Entergy Operations, Inc.
Licensee's Address	1448 SR 333 Russellville, AR 72802
Reactor License Numbers	DPR-51 and NPF-6
Reactor Docket Numbers	50-313 and 50-368
Cask Certificate Number	1014
Cask Model Number	HI-STORM 100
Cask Identification Numbers	Holtec Cask 12 Holtec Cask 13

There are no new commitments contained in this submittal.

If you have any questions concerning this submittal or Entergy Operations' storage of spent fuel under the general license, please contact Stephenie Pyle at (479) 858-4704.

NMS801

Sincerely,

A handwritten signature in black ink, appearing to read "Dale E. James", with a long horizontal flourish extending to the right.

Dale E. James  
Manager, Licensing  
DEJ/SLP

cc: Dr. Bruce S. Mallett  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

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

U. S. Nuclear Regulatory Commission  
Attn: Mr. Thomas Alexion  
Mail Stop O-7 D1  
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission  
Attn: Mr. Drew G. Holland  
Mail Stop O-7 D1  
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission  
Attn: Mr. Stephen C. O'Connor  
Mail Stop O-13 D13  
Washington, DC 20555-0001

Scott Atwater  
U. S. Nuclear Regulatory Commission  
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