Entergy

Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel 479-858-4888

Dale E. James
Acting Director
Nuclear Safety Assurance - ANO

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

0CAN080505

August 30, 2005

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 August 9 and August 18, 2005 of the 39th and 40th 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<br>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 Number | Holtec Cask 15<br>Holtec Cask 16 |

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.

NMSS01

Sincerely,

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