



Riley D. Keele, Jr.
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OCAN102303

10 CFR 72.212(b)(2)

October 24, 2023

ATTN: Document Control Desk
Director, Division of Fuel Management
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Registration of Cask Use

Arkansas Nuclear One – Units 1 and 2
NRC Docket Nos. 50-313, 50-368, 72-13
Renewed Facility Operating License Nos. DPR-51 and NPF-6

In Accordance with the requirement of 10 CFR 72.212(b)(2), this letter hereby registers the initial use of the 105th dry fuel storage cask 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 Certification Number	1032
Holtec Certificate Amendment Number	5
Holtec FSAR Revision Number	8
Cask Model Number	HI-STORM FW
Cask Identification Number	Holtec Cask 81
Date of Initial Use	September 27, 2023
HI-STORM Serial Number	402
MPC-37 Serial Number	288

There are no new commitments contained in this submittal.

If you have any questions concerning this submittal or Entergy Operations' storage of spent fuel at ANO under the general license, please contact Riley Keele, Manager, Regulatory Assurance at 479-858-7826.

Sincerely,

Riley
Keele

Digitally signed by Riley Keele
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cc: NRC Region IV Regional Administrator
NRC Senior Resident Inspector – Arkansas Nuclear One
NRC Project Manager – Arkansas Nuclear One