



Phillip Mason
Manager – Nuclear Support Service
H. B. Robinson Steam
Electric Plant Unit 2

Duke Energy
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Hartsville, SC 29550

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10 CFR 72.212(b)(2)

Serial: RA-23-0216

Date: August 22, 2023

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

**H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/RENEWED LICENSE NO. DPR-23**

**INDEPENDENT SPENT FUEL STORAGE INSTALLATION
DOCKET NO. 72-60**

SUBJECT: Registration of Use of Spent Fuel Casks

Ladies and Gentlemen:

Pursuant to 10 CFR 72.212(b)(2), Duke Energy Progress, LLC is providing the following information to register the use of three casks to store spent nuclear fuel in dry storage in the Independent Spent Fuel Storage Installation (ISFSI) at the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. The fuel is stored under the conditions of a general license.

Cask Information:

Licensee Name:	Duke Energy Progress, LLC
Licensee Address:	H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2 3581 West Entrance Road Hartsville, SC 29550
Reactor License Number:	DPR-23
Reactor Docket Number:	50-261
ISFSI Docket Number:	72-60
Information Contact:	Scott Blaker, Manager – Nuclear Engineering 843-951-1052
Cask Certificate Number:	1004, Renewed Amendment 13, Revision 1
Cask Model Number:	NUHOMS®- 24PTH

Cask Specific Information:

Cask Identification Number	Date Placed in Service	Horizontal Storage Module Number	Heat Load (kW)
RNP-24PTH-L-1C-HZ29	08/03/2023	HSM39	36.325
RNP-24PTH-L-1C-HZ37	08/09/2023	HSM41	36.675
RNP-24PTH-L-1C-HZ38	08/16/2023	HSM43	36.792

The above operations campaign was performed in accordance with the Dry Fuel Storage Cask Certificate of Compliance (CoC) No. 1004, Renewed Amendment Number 13, Revision 1.

There are no regulatory commitments made in this submittal. If you have any questions regarding this submittal, please contact Mr. Scott Blaker, Manager – Nuclear Engineering, at (843) 951-1052.

Sincerely,



Phillip Mason
Manager – Nuclear Support Services

- cc: Ms. Lauda Dudes, NRC Regional Administrator, Region II
Ms. Tanya Hood, NRC Project Manager, NRR
Ms. Paula Cooper, NRC, Region II, ISFSI Coordinator
Mr. John Zeiler, Senior Resident Inspector, HBRSEP, Unit No. 2