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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

10 CFR 72.212

**SUSQUEHANNA STEAM ELECTRIC STATION
REGISTRATION FOR THE USE OF SPENT FUEL
STORAGE CASKS 306, 309, and 307
PLA-8142**

Docket No. 72-28

Pursuant to the requirements of 10 CFR 72.212(b)(2), this letter provides information to register the use of approved spent fuel storage casks at the Susquehanna Steam Electric Station Independent Spent Fuel Storage Installation.

Licensee Name:	Susquehanna Nuclear, LLC, and Allegheny Electric Cooperative, Inc.
Licensee Address:	Susquehanna Steam Electric Station 769 Salem Boulevard Berwick, PA 18603
Reactor License Numbers:	Unit 1 NPF-14 Unit 2 NPF-22
Reactor Docket Numbers:	Unit 1 50-387 Unit 2 50-388
Dry Fuel Storage Docket Number:	72-28
Person Responsible for Providing Additional Information:	Melisa Krick, Manager - Nuclear Regulatory Affairs
Cask Certificate Number:	72-1032, Amendment 5

Cask Identification (serial number)	Storage System	Cask Model	Dry Fuel Storage Module			Load Date
			Model	Serial Number	Location ID	
306	HI-STORM FW	MPC-89	Version E	398	HOP-7	08/23/24
309	HI-STORM FW	MPC-89	Version E	396	HOP-8	08/30/24
307	HI-STORM FW	MPC-89	Version E	400	HOP-9	09/07/24

There are no new or revised regulatory commitments contained in this letter.

Should you have any questions regarding this submittal, please contact Ms. Melisa Krick,
Manager – Nuclear Regulatory Affairs at (570) 542-1818.



E. Casulli

Copy: NRC Region I, Regional Administrator
Ms. J. England, NRC Senior Resident Inspector
Ms. A. Klett, NRC Project Manager
Mr. M. Shields, PA DEP/BRP