

Storage Only Canisters and Storage Only Casks at Commercial Nuclear Power Plants

Storage Only Canisters	Site	Number
VSC-24	Arkansas Nuclear	24
VSC-24	Palisades	18
VSC-24	Point Beach	16
52B	Susquehanna	27
7P	Robinson	8
24P	Oconee	84
24P	Davis-Besse	3
24P	Calvert Cliffs	48
32P	Calvert Cliffs	30
24PHBL	Oconee	24
Storage Only Casks	Site	Number
TN-32	McGuire	10
TN-32	North Anna	28
TN-32	Surry	26
MC-10	Surry	1
NAC I28	Surry	2
CASTOR V/21	Surry	25
CASTOR X/33	Surry	1
Source: Spent Nuclear Fuel and Reprocessing Waste Inventory, PNNL-33938 (2022)		

This table is provided as a follow-up to US Department of Energy’s presentation at the September 25, 2023 meeting of the Vermont Nuclear Decommissioning Citizens Advisory Panel’s Federal Nuclear Waste Policy Committee.

Appendices L and M from the Nuclear Regulatory Commission’s Information Digest (NUREG-1350) compile several details on current and previously licensed Spent Nuclear Fuel Casks and Cannisters such as Cask Manufacturer (Vendor), the NRC License Dockets that provide details on the individual cask / cannister designs, and a summary of the cask / cannister designs used at all NRC-Licensee sites. Details on the storage cannisters and casks listed above may be extracted from these appendices. These appendices are available online at:

Appendix L: <https://www.nrc.gov/docs/ML2304/ML23047A396.pdf>

Appendix M: <https://www.nrc.gov/docs/ML2304/ML23047A397.pdf>

Canister / cask designs are typically licensed to be used at any qualifying storage site via a General NRC License. The canisters / casks designs highlighted above are licensed specifically to their respective nuclear power plant sites rather than to a set of NRC General License conditions.