

**Kevin Cimorelli**  
Site Vice President

**Susquehanna Nuclear, LLC**  
769 Salem Boulevard  
Berwick, PA 18603  
Tel. 570.542.3795 Fax 570.542.1504  
Kevin.Cimorelli@TalenEnergy.com



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

10 CFR 72.212

AUG 15 2019

**SUSQUEHANNA STEAM ELECTRIC STATION  
REGISTRATION FOR THE USE OF DRY FUEL STORAGE  
MODULE E-18  
PLA-7803**

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**Docket No. 72-28**

Pursuant to 10 CFR 72.212(b)(2), this letter is being submitted to register  
Susquehanna Nuclear, LLC's use of Dry Fuel Storage Module E-18 at the Susquehanna  
Steam Electric Station. The required information follows:

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:	Katie Brown, Nuclear Regulatory Affairs
Cask Certificate Number:	72-1004, Amendment 10, Revision 1

Cask Identification (serial number)	Cask Model	Horizontal Storage Module		Load Date
		Model	ID	
SSE-61BTH-1-C-2-075	NUHOMS®-61BTH, Type 1	NUHOMS® Model 102	E-18	08/02/19

The heat load associated with the identified Dry Shielded Canisters is less than previously submitted. As such, thermal performance assessment data discussed in Technical Specification for Certificate of Compliance No. 1004, Amendment No. 10, Revision 1, Section 1.1.7, "Special Requirements for First System in Place" is not being submitted as part of this registration letter.

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.



Kevin Cimorelli

Copy: NRC Region I, Regional Administrator  
Ms. L. H. Micewski, NRC Sr. Resident Inspector  
Ms. T. E. Hood, NRC Project Manager  
Mr. M. Shields, PA DEP/BRP