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Sr. Vice President & Chief Nuclear Officer

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OCT 27 2010

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION  
REGISTRATION FOR THE USE OF DRY FUEL STORAGE  
MODULE C-21  
PLA-6663**

**Docket No. 72-28**

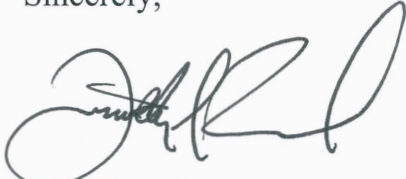
Pursuant to 10 CFR 72.212(b)(1)(ii), this letter is being submitted to register PPL's use of Dry Fuel Storage Module C-21 at the Susquehanna Steam Electric Station. The required information follows:

Licensee Name:	PPL Susquehanna, 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:	C. E. Manges, Jr., Nuclear Regulatory Affairs	
Module Certificate Number:	72-1004, Amendment 9	
Module Model Number:	NUHOMS <sup>®</sup> -61BT	
Module Identification:	Dry Shielded Canister Serial Number: SSE61B-037A Horizontal Storage Module C-21	

Horizontal Storage Module C-21 was loaded on September 28, 2010.

Please contact C. E. Manges, Jr. at (570) 542-3089, if you need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. S. Rausch', written in a cursive style.

T. S. Rausch

Copy:

NRC Region I

Mr. P. A. Finney, NRC Sr. Resident Inspector

Mr. F. Gee, NRC, Division of Spent Fuel Storage & Transportation - Mail Stop E3 D2M

Mr. R. R. Janati, DEP/BRP

Mr. B. K. Vaidya, NRC Project Manager