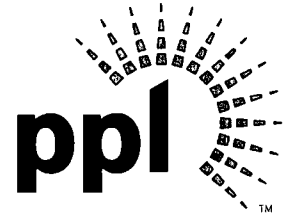


Timothy S. Rausch
Sr. Vice President & Chief Nuclear Officer

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3445 Fax 570.542.1504
tsrausch@pplweb.com



SEP 28 2009

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 B-18
PLA-6563**

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 B-18 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:	Brenda W. O'Rourke, Nuclear Regulatory Affairs	
Module Certificate Number:	72-1004, Amendment 9	
Module Model Number:	NUHOMS®-61BT	

NMSSD1
NMSS

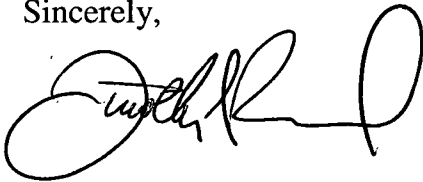
Module Identification:

Dry Shielded Canister
Serial Number: SSE-61B-029A
Horizontal Storage Module B-18

Horizontal Storage Module B-18 was loaded on September 2, 2009.

Please contact Brenda O'Rourke at (570) 542-1791, if you need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. S. Rausch', with a large, stylized loop at the end.

T. S. Rausch

Copy:

NRC Region I

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

Mr. R. Janati, DEP/BRP

Mr. F. Jaxheimer, NRC Sr. Resident Inspector

Mr. B. Vaidya, NRC Project Manager