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NOV 03 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 D-1
PLA-6666**

Docket No. 72-28

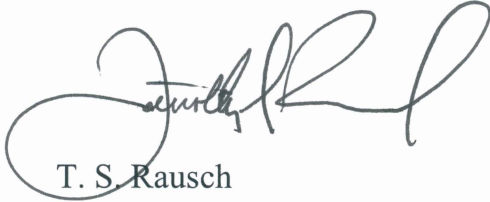
Pursuant to 10 CFR 72.212(b)(1)(ii), this letter is being submitted to register PPL's use of Dry Fuel Storage Module D-1 at the Susquehanna Steam Electric Station. The required information follows:

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 [®] -61BT
Module Identification:	Dry Shielded Canister Serial Number: SSE61B-036A Horizontal Storage Module D-1

Horizontal Storage Module D-1 was loaded on October 13, 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', with a large, stylized initial 'T' and 'R'.

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