Britt T. McKinney
Sr. Vice President & Chief Nuclear Officer

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JUL 10 2006

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-8
PLA-6084 **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-8 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 Blvd 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:	1004
Module Model Number:	NUHOMS®-61BT
Module Identification:	Dry Shielded Canister Serial Number SSE 61B-005A Horizontal Storage Module B-8

NMSS01

Horizontal Storage Module B-8 was loaded on June 20, 2006. Please contact Brenda O'Rourke at (570) 542-1791 if you need additional information.

Sincerely,

B. T. McKinney

Copy: NRC Region I
Mr. A. J. Blamey, NRC Sr. Resident Inspector
Mr. F. Gee, NRC Spent Fuel Project Office
Mr. R. V. Guzman, NRC Project Manager
Mr. R. R. Janati, DEP/BRP