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OCT 11 2001

Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
REGISTRATION OF USE OF DRY FUEL
STORAGE MODULE #10
PLA-5374**

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 #10 at the Susquehanna Steam Electric Station. The required information follows.

Licensee Name: PPL Susquehanna, LLC and
Allegheny Electric Cooperative Incorporated

Licensee Address: Susquehanna Steam Electric Station
Route 11, P.O. Box 467
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: Joseph J. Meter, Nuclear Licensing

Module Certificate Number: 1004

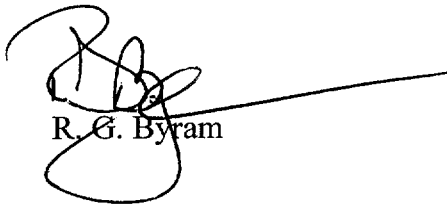
Module Model Number: NUHOMS-52B

Module Identification: Dry Storage Canister SSES-52-B-R12
Horizontal Storage Module A-10

NMSOIPubli

Loading of the Horizontal Storage Module was completed September 18, 2001. Please contact Joseph J. Meter at (570) 542-1873 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to be 'R. G. Byram', with a long horizontal line extending to the right.

copy: NRC Region I
 Mr. S. L. Hansell, NRC Sr. Resident Inspector, SSES
 Mr. R. G. Schaaf, NRC Project Manager