

November 1, 2006

Susan M. Zacher, Historic Structures Section Chief  
Pennsylvania Historical & Museum Commission  
Bureau for Historic Preservation  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION LICENSE RENEWAL  
APPLICATION REVIEW (SHPO NO. 05-1588-079-A)

Dear Ms. Zacher:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application to renew the operating licenses for Susquehanna Steam Electric Station (SSES), Units 1 and 2, which is located on the western bank of the Susquehanna River, five miles northeast of Berwick, (Latitude N41<sup>0</sup>05'27", Longitude W76<sup>0</sup>08'45"), in Salem Township, Luzerne County, Pennsylvania. SSES is operated by PPL Susquehanna, LLC (PPL). The application for renewal was submitted by PPL in a letter dated September 13, 2006, pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54).

The NRC has established that, as part of the staff's review of any nuclear power plant license renewal action, a site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," NUREG-1437, will be prepared under the provisions of 10 CFR Part 51, the NRC regulation that implements the National Environmental Policy Act of 1969 (NEPA). In accordance with 36 CFR 800.8(c), the SEIS will include analyses of potential impacts to historic and cultural resources.

In the context of the National Historic Preservation Act of 1966, as amended, the NRC staff has determined that the area of potential effect (APE) for a license renewal action is the area at the power plant site and its immediate environs that may be impacted by post-license renewal land-disturbing operations or projected refurbishment activities associated with the proposed action. The APE may extend beyond the immediate environs in those instances where post-license renewal land-disturbing operations or projected refurbishment activities specifically related to license renewal may potentially have an effect on known or proposed historic sites. This determination is made irrespective of ownership or control of the lands of interest.

On November 15, 2006, the NRC will conduct two public NEPA meetings at 1:30 p.m. and 7:00 p.m. at the Eagles Building, 107 South Market Street, Berwick, Pennsylvania 18603. On May 07, 2007, the NRC plans to conduct a site audit at the SSES facility. You and your staff are invited to attend both the public meetings and the site audit. Your office will receive a copy of the draft SEIS along with a request for comments. The staff expects to publish the draft SEIS in December 2007.

S. Zacher

-2-

If you have any questions or require additional information, please contact Ms. Alicia Mullins, Environmental Project Manager, by phone at 301-415-1224 or by e-mail at [axm7@nrc.gov](mailto:axm7@nrc.gov).

Sincerely,

**/RA/**

Rani Franovich, Branch Chief  
Environmental Branch B  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosures:

1. 50-Mile-Vicinity Map
2. Site Area Map

cc w/encls: See next page

S. Zacher

-2-

If you have any questions or require additional information, please contact Ms. Alicia Mullins, Environmental Project Manager, by phone at 301-415-1224 or by e-mail at [axm7@nrc.gov](mailto:axm7@nrc.gov).

Sincerely,

**/RA/**

Rani Franovich, Branch Chief  
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Letter to S. Zacher from R. Franovich dated November 1, 2006

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APPLICATION REVIEW (SHPO NO. 05-1588-079-A)

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R. Schaaf  
A. Mullins  
S. Lopas  
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F. Monette (fmonette@anl.gov)  
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A. Blamey  
N. Sheehan, R1  
RidsOGCMailRoom  
DLR/REBB  
DLR/REBA

Susquehanna Steam Electric Station, Units 1 and 2

cc:

Robert A. Saccone  
Vice President - Nuclear Operations  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSB3  
Berwick, PA 18603-0467

Aloysius J. Wrape, III  
General Manager - Performance  
Improvement and Oversight  
PPL Susquehanna, LLC  
Two North Ninth Street, GENPL4  
Allentown, PA 18101-1179

Terry L. Harpster  
General Manager - Plant Support  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSA4  
Berwick, PA 18603-0467

Rocco R. Sgarro  
Manager - Nuclear Regulatory Affairs  
PPL Susquehanna, LLC  
Two North Ninth Street, GENPL4  
Allentown, PA 18101-1179

Walter E. Morrissey  
Supervising Engineer  
Nuclear Regulatory Affairs  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSA4  
Berwick, PA 18603-0467

Michael H. Crowthers  
Supervising Engineer  
Nuclear Regulatory Affairs  
PPL Susquehanna, LLC  
Two North Ninth Street, GENPL4  
Allentown, PA 18101-1179

Steven M. Cook  
Manager - Quality Assurance  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSB2  
Berwick, PA 18603-0467

Luis A. Ramos  
Community Relations Manager,  
Susquehanna  
PPL Susquehanna, LLC  
634 Salem Blvd., SSO  
Berwick, PA 18603-0467

Bryan A. Snapp, Esq  
Assoc. General Counsel  
PPL Services Corporation  
Two North Ninth Street, GENTW3  
Allentown, PA 18101-1179

Supervisor - Document Control Services  
PPL Susquehanna, LLC  
Two North Ninth Street, GENPL4  
Allentown, PA 18101-1179

Richard W. Osborne  
Allegheny Electric Cooperative, Inc.  
212 Locust Street  
P.O. Box 1266  
Harrisburg, PA 17108-1266

Director, Bureau of Radiation Protection  
Pennsylvania Department of  
Environmental Protection  
Rachel Carson State Office Building  
P.O. Box 8469  
Harrisburg, PA 17105-8469

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 35, NUCSA4  
Berwick, PA 18603-0035

Regional Administrator, Region 1  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Susquehanna Steam Electric Station, Units 1 and 2

cc:

Board of Supervisors  
Salem Township  
P.O. Box 405  
Berwick, PA 18603-0035

Alice Zaikoski, Co-Director  
Berwick Public Library  
205 Chestnut Street  
Berwick, PA 18603

Dr. Judith Johnsrud  
National Energy Committee  
Sierra Club  
443 Orlando Avenue  
State College, PA 16803

Clifford Farides, Executive Director  
Mill Memorial Library  
495 E. Main Street  
Nanticoke, PA 18634

Mr. James Ross  
Nuclear Energy Institute  
1776 I Street, NW, Suite 400  
Washington, DC 20006-3708

Mr. Don L. Klima, Director  
Advisory Council on Historic Preservation  
Office of Federal Agency programs  
1100 Pennsylvania Ave., NW, Suite 803  
Washington, DC 20004

Susan M. Zacher, Historic Structures  
Section Chief  
Pennsylvania Historical & Museum  
Commission  
Bureau of Historic Preservation  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093

Mark Hartle, Chief, Aquatic Resources  
Section  
Pennsylvania Fish & Boat Commission  
Environmental Services  
450 Robinson Lane  
Bellefonte, PA 16823-9620

Jennifer Kagel, fishery Biologist  
U.S. Fish & Wildlife Service  
Pennsylvania Field Office  
315 South allen Street, Suite 322  
State College, PA 16801-4850