July 23, 2008

Mr. Britt T. McKinney
Senior Vice-President & Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Blvd. - NUCSB3
Berwick, PA 18603-0467

SUBJECT: SUSQUEHANNA GENERATING STATION - NOTIFICATION OF INSPECTION OF THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3 MITIGATING STRATEGIES USING TEMPORARY INSTRUCTION 2515/171

Dear Mr. McKinney:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at Susquehanna Generating Station the week of September 8, 2008. The inspection team will be led by Mr. Larry Scholl from the NRC Region I office. The team will be composed of the resident inspector, an NRR inspector/contractor, and the team leader. The inspection will be conducted in accordance with NRC Temporary Instruction 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 and 3 Mitigation Strategies."

In order for the NRC to adequately prepare for this inspection, please furnish the documents listed in Enclosure 1 to the NRC team lead, resident inspector, and NRR inspector (one copy each) at least two weeks prior to the planned on site inspection. Please have available on site at the beginning of the inspection the documents listed in Enclosure 2. Ms. B. O'Rourke, of your staff, has been advised of this request and other inspection team support needs, including the names of the inspectors assigned to this inspection.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on June 30, 2009.

Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Mr. Scholl at (610)337-5144, or myself at (610)337-5146.

Sincerely,

/RA/

John F. Rogge, Chief
Engineering Branch 3
Division of Reactor Safety

Docket Nos. 50-387; 50-388
License Nos. NPF-14; NPF-22

Enclosures:
1. Documentation Requested Prior to the Inspection
2. Arrangements/Documents Requested to be Available Onsite During the Inspection Week

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OFFICE	RI/DRS		RI/DRS			
NAME	LScholl/DS/LS		JRogge/JR			
DATE	07/23/08		07/23/08			

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cc w/encl:
C. Gannon, Vice President, Nuclear Operations
R. Paley, General Manager, Plant Support
R. Pagodin, General Manager, Nuclear Engineering
M. Crowthers, Manager, Nuclear Regulatory Affairs
R. Smith, General Manager, Site Preparedness and Services
D. Brophy, Supervisor, Nuclear Regulatory Affairs
R. Peal, Mgr, Training, Susquehanna
M. Rose, Manager, Quality Assurance
J. Scopelliti, Community Relations Manager
B. Snapp, Esq., Associate General Counsel, PPL Services Corporation
Supervisor, Document Control Services
R. Osborne, Allegheny Electric Cooperative, Inc.
D. Allard, Director, PA Dept of Environmental Protection
Board of Supervisors, Salem Township
J. Johnsrud, National Energy Committee, Sierra Club
E. Epstein, TMI-Alert (TMIA)
J. Powers, Dir, PA Office of Homeland Security
R. French, Dir, PA Emergency Management Agency

Distribution w/encl: **(via E-mail)**
S. Collins, RA
M. Dapas, DRA
M. Gamberoni, DRS
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J. Clifford, DRP
P. Krohn, DRP
R. Fuhrmeister, DRP
T. Setzer, DRP
F. Jaxheimer, DRP - Sr RI Susquehanna
G. Ottenberg, DRP – Actg RI Susquehanna
S. Farrell, DRP - OA Susquehanna
S. Williams, RI OEDO
R. Nelson, NRR
M. Kowal, NRR
J. Kim, NRR
B. Vaidya, NRR, PM
J. Hughey, Backup, NRR
J. Rogge, DRS
L. Scholl, DRS

DOCUMENTATION REQUESTED PRIOR TO THE INSPECTION

Please provide the items below two weeks prior to the onsite inspection week. For any items below not supplied prior to the onsite inspection week, please have the item available at the start of the onsite inspection. Please provide as much as possible in electronic format. You are reminded to properly identify and handle all Official Use Only-Security-Related Information and/or Proprietary Information in accordance with current guidance.

1. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc.

2. A matrix that shows the correlation between the mitigation strategies identified in NEI 06-12 and the site-specific procedures or guidelines that are used to implement the strategy.

3. Engineering evaluations/calculations that were used to verify engineering bases for the mitigation strategies.

4. Simplified flow diagrams for systems relied upon in the mitigation strategies. These diagrams could be the type used for training.

5. Simplified drawings/descriptions of modifications that were made to plant systems to implement the mitigation strategies.

ARRANGEMENTS/DOCUMENTS REQUESTED TO BE AVAILABLE ONSITE DURING THE INSPECTION WEEK

1. Provide a conference room to accommodate up to four (4) NRC staff. Preferably this would be outside the protected area.

2. Site B.5.b contact person(s) should be available for the week.

3. B.5.b engineering persons(s) should be on call for questions about any engineering calculations.

4. Appropriate operations staff should be available, as needed, for plant walkdowns throughout the week.

5. Modification packages for any plant modifications performed as a result of B.5.b.

6. Detailed drawings (e.g., P&IDs) of systems used to implement mitigating strategies.

7. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc. This is the same as Item 1 to Enclosure 1, except that hard copies of these procedures/guidelines should be made available for each member of the inspection team.

8. Copies of procedures used to inventory equipment used in the mitigation strategies (e.g., hoses, fittings, pumps, etc.).

9. Training records/ training matrix/ lesson plans related to B.5.b.

10. Copies of Memoranda of Understanding (MOUs) with local fire departments or other emergency services that are required to implement any mitigating strategies.

11. Copies of any evaluations performed to document that enough equipment is available to implement the mitigating strategies (e.g., enough fire hose or electrical cable is available based on a plant walkdown or review of drawings).

12. You are reminded to properly identify and handle all Official Use Only - Security-Related Information and/or Proprietary Information in accordance with current guidance.