

February 11, 2008

LICENSEE: PPL Susquehanna, LLC

FACILITY: Susquehanna Steam Electric Station, Units 1 and 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON DECEMBER 28, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND PPL SUSQUEHANNA, LLC, CONCERNING REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of PPL Susquehanna, LLC, held a telephone conference call on December 28, 2007, to discuss and clarify the staff's request for additional information (RAI) concerning the Susquehanna Steam Electric Station, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAI 2.2-2.

Enclosure 1 provides a listing of the participants; and Enclosure 2 contains the RAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

**/RA/**

Evelyn Gettys, Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosures:  
As stated

cc w/encls: See next page

February 11, 2008

LICENSEE: PPL Susquehanna, LLC

FACILITY: Susquehanna Steam Electric Station, Units 1 and 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON DECEMBER 28, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND PPL SUSQUEHANNA, LLC, CONCERNING REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of PPL Susquehanna, LLC, held a telephone conference call on December 28, 2007, to discuss and clarify the staff's request for additional information (RAI) concerning the Susquehanna Steam Electric Station, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAI 2.2-2.

Enclosure 1 provides a listing of the participants; and Enclosure 2 contains the RAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

**/RA/**

Evelyn Gettys, Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosures:  
As stated

cc w/encls: See next page

DISTRIBUTION: See next page

ADAMS Accession No.: **ML080140515**

|        |          |             |             |
|--------|----------|-------------|-------------|
| OFFICE | LA:DLR   | PM:RPB1:DLR | BC:RPB1:DLR |
| NAME   | SFiguroa | EGettys     | LLund       |
| DATE   | 01/17/08 | 02/06/08    | 02/11/08    |

OFFICIAL RECORD COPY

TELEPHONE CONFERENCE CALL  
SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS  
DECEMBER 28, 2007

PARTICIPANTS

Evelyn Gettys

Ed Smith

Duane Filchner

Mike Detamore

AFFILIATIONS

Nuclear Regulatory Commission (NRC)

NRC

PPL Susquehanna, LLC (PPL)

PPL

ENCLOSURE 1

REQUEST FOR ADDITIONAL INFORMATION  
SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

DECEMBER 28, 2007

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of PPL Susquehanna, LLC, held a telephone conference call on December 28, 2007, to discuss and clarify the following request for additional information (RAI) concerning the Susquehanna Steam Electric Station (SSES), Units 1 and 2, license renewal application (LRA).

**RAI 2.2-2**

LRA Table 2.2-1 defines the circulating water system as not within the scope of license renewal. Applicants with similar plant designs have identified the circulating water system within the scope of license renewal, based on 10 CFR 54.4(a)(2). Please provide additional information to justify exclusion of the circulating water system from scope with respect to the applicable requirements of 10 CFR 54.4(a).

**Discussion:** The staff indicated that the response to this RAI requires clarification. The applicant stated that the circulating water system was not within the scope of license renewal with respect to the applicable requirements of 10 CFR 54.4(a).

The staff wanted to make the point that the Final Safety Analysis Report (FSAR) identifies the cooling towers and its piping as part of the circulating water system. The FSAR identifies the cooling towers and the piping from the cooling towers as a secondary source of fire protection water, making this portion of the circulating water system within the scope of license renewal based on the criterion 10 CFR 54.4(a)(3). Furthermore, license renewal drawings LR-M-115, "Unit 1 License Renewal Boundary Drawings Circulating Water," and LR-M-2115, "License Renewal Boundary Drawing Circulating Water," identify the cooling tower basins and a portion of the pipes from the cooling tower basins as within the scope of license renewal based on criterion 10 CFR 54.4(a)(3).

The applicant stated that the 108" piping exits to the Unit 1 cooling tower basin and the 78" line exits the Unit 2 cooling tower basin provides water to both the circulating water system and the service water system. Therefore, this piping is functionally part of two systems. Within the SSES maintenance program, this piping is considered part of the cooling tower system. The LRA system designation is based on the "functional" purpose of the cooling tower basins and piping rather than the FSAR system designation.

ENCLOSURE 2

Letter to PPL Susquehanna, LLC from E. Gettys, February 11, 2008

DISTRIBUTION:

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON DECEMBER 28, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND PPL SUSQUEHANNA, LLC, CONCERNING REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

HARD COPY:

DLR RF

E-MAIL:

PUBLIC

SSmith (srs3)

SDuraiswamy

RidsNrrDir

RidsNrrDirRlra

RidsNrrDirRlrb

RidsNrrDirRlrc

RidsNrrDirReba

RidsNrrDirRebb

RidsNrrDciCvib

RidsNrrDciCpnb

RidsNrrDraAfpb

RidsNrrDeEmcb

RidsNrrDeEeeb

RidsNrrDssSrxb

RidsNrrDssSbpb

RidsNrrDssScvb

RidsOgcMailCenter

-----  
RGuzman

BRogers

EGettys

Susquehanna Steam Electric Station,  
Units 1 and 2

cc:

Cornelius J. Gannon  
Vice President - Nuclear Operations  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSB3  
Berwick, PA 18603-0467

Robert M. Paley  
General Manager - Plant Support  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSB2  
Berwick, PA 18603-0467

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

Supervisor - 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

Ronald E. Smith  
General Manager - Site Preparedness  
and Services  
PPL Susquehanna, LLC  
769 Salem Blvd., NUCSA4  
Berwick, PA 18603-0467

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.  
Associate 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

- 2 -

cc:

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

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