

November 19, 2003

Mr. Bryce L. Shriver
Senior Vice President and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603

SUBJECT: ORDERS MODIFYING LICENSES FOR REVISED DESIGN BASIS THREAT
AND FOR TRAINING AND PHYSICAL FITNESS ENHANCEMENTS
APPLICABLE TO SECURITY FORCE PERSONNEL (TAC NOS. MB9350,
MB9351, MB9454 AND MB9455)

Dear Mr. Shriver:

On April 29, 2003, the U.S. Nuclear Regulatory Commission (NRC or the Commission) issued Orders modifying the operating licenses for Susquehanna Steam Electric Station, Unit Nos. 1 and 2 to: (1) require compliance with a revised design basis threat (DBT); (2) implement new security force personnel training and physical fitness requirements; and (3) prescribe compensatory measures related to fitness-for-duty enhancements applicable to security force personnel.

When it issued the Orders, the Commission recognized that you voluntarily and responsibly implemented additional security measures following the events of September 11, 2001. However, as part of the Commission's review of the security and safeguards program, the Commission determined that enhancements to the DBT, as currently specified in Title 10 of the *Code of Federal Regulations* (10 CFR), Section 73.1(a), were required. The NRC further determined that security force personnel tactical and firearms proficiency, physical fitness, and fitness-for-duty requirements needed to be enhanced. The Commission also concluded that, based on the current threat environment, these Orders were to be effective immediately.

The Orders require responses and actions within specified time frames. This letter addresses your response to the Orders pertaining to the revised DBT and the new security force personnel training and physical fitness requirements. The Commission replied to your response to the fitness-for-duty Order in separate correspondence, dated July 10, 2003.

Section III.A.1 of the Order implementing new security force personnel training and physical fitness requirements states that licensees must comply with the new requirements described in the Order, except to the extent that more stringent requirements are set forth in the licensee's security plan and security training and qualifications plan. Section III.A.1 of the DBT Order requires licensees to submit revised physical security plans, safeguards contingency plans, and guard training and qualification plans, including an implementation schedule, based on the revised DBT, to the Commission for review and approval no later than April 29, 2004. The Order requires licensees to implement the revised physical security plans, revised safeguards contingency plans, and revised security force personnel training and qualification plans no later than October 29, 2004. Section IV of both Orders noted that, in accordance with

10 CFR 2.202, licensees must submit an answer to the Orders and may request a hearing on the Orders, within thirty-five (35) days of the date of the Orders and, where good cause is shown, consideration would be given to extend the time to request a hearing.

The Orders also required licensees to notify the Commission within thirty-five (35) days if: (1) the licensee was unable to comply with the requirements specified in the attachments to the Orders; (2) compliance with the requirements is unnecessary; (3) implementation of any of the requirements would result in a violation of the provisions of any Commission regulation of the facility license; or (4) implementation of any of the requirements described in the attachments to the Orders would adversely impact safe operation of the facility. Section III.C.1 of the security force personnel training and physical fitness Order required licensees to submit to the Commission, within thirty-five (35) days of the date of the Order, a schedule for achieving compliance with each requirement described in Attachment 2 to the Order.

By letters dated June 2, 2003, you submitted responses to the Orders for the Susquehanna Steam Electric Station. In your responses, you indicated that you consented to the DBT and security force personnel training Orders and did not request a hearing. The NRC staff has reviewed your responses, and finds that you have satisfied the thirty-five (35) day reporting requirements for both Orders.

In your response to the DBT Order, you also requested that the NRC provide clarification of five DBT-related issues described in the safeguards attachment to a letter from Mr. Colvin, President and CEO of the Nuclear Energy Institute, to Chairman Diaz dated May 16, 2003. By letter dated September 25, 2003, the NRC provided you a copy of Chairman Diaz's response to Mr. Colvin, dated July 18, 2003, which clarified the five DBT-related issues.

Please contact Robert Fretz at 301-415-1324, if you have any other questions on these issues.

Sincerely,

/RA/

Ledyard B. Marsh, Director
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

cc: See next page

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OFFICE	PDI-2/LPM	PDI-2/LA	PDI-2/SC*	NSIR/DNS*	PDI/D*	DLPM/D
NAME	RFretz	CRaynor	JClifford	GTracy	CHolden	LMarsh
DATE	11/13/03	11/13/03	10/30/03	11/03/03	11/07/03	11/14/03

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Susquehanna Steam Electric Station, Unit Nos. 1 and 2

cc:

Richard L. Anderson
Vice President - Nuclear Operations
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603-0467

Herbert D. Woodeshick
Special Office of the President
PPL Susquehanna, LLC
634 Salem Blvd., SSO
Berwick, PA 18603-0467

Aloysius J. Wrape, III
General Manager - Nuclear Assurance
PPL Susquehanna, LLC
Two North Ninth Street, GENPL4
Allentown, PA 18101-1179

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

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

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

Robert A. Saccone
General Manager - Nuclear Engineering
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603-0467

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

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

Director - Bureau of Radiation Protection
Pennsylvania Department of
Environmental Protection
P.O. Box 8469
Harrisburg, PA 17105-8469

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

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

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

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

Dale F. Roth
Manager - Quality Assurance
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB2
Berwick, PA 18603-0467

Susquehanna Steam Electric Station, Unit Nos. 1 and 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

Mr. Bryce L. Shriver
Senior Vice President
and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603-0467