

August 26, 2002

Mr. Bryce L. Shriver
Senior Vice President and
Chief Nuclear Officer
Susquehanna Steam Electric Station
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603-0035

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
SUSQUEHANNA STEAM ELECTRIC STATION

Dear Mr. Shriver:

On August 7, 2002, the NRC staff completed its mid-cycle plant performance assessment of Susquehanna Steam Electric Station. In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program", the mid-cycle review involved the participation of all technical divisions in evaluating the performance of Susquehanna for the first half of the current assessment cycle, January 1 - December 31, 2002. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter continues to be within the Regulatory Response Column of the NRC's Action Matrix based on a previous inspection finding of low to moderate safety significance (White) in the Emergency Preparedness cornerstone. The inspection finding was a result of lapses in maintaining minimum on-shift staffing in accordance with PPL's Emergency Plan. On January 25, 2002, we performed a supplemental inspection of PPL's response to the inspection finding. We could not conclude that PPL's actions were acceptable because your staff had not evaluated the issue in sufficient detail to understand the root causes and performance problems in order to establish lasting corrective actions. The finding will continue to be considered in our assessment process until the appropriate supplemental inspection has been completed and we have determined that your actions relative to root cause determination, extent of condition and corrective actions are appropriate. We understand you have taken additional actions to resolve this issue and we plan to repeat the supplemental inspection in September 2002.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plan is tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction (TI) that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Dr. Mohamed Shanbaky, Chief, Projects Branch 4 at 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

A. Randolph Blough, Director
Division of Reactor Projects

Docket Nos. 50-387, 50-388
Licensee Nos. NPF-14, NPF-22

Enclosure: Susquehanna Inspection/Activity Plan

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DATE	08/21/02 by phone	08/26/02	08/21/02	08/26/02

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Susquehanna
Inspection / Activity Plan
06/30/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	7111105T - FIRE PROTECTION		3			
1, 2	IP 7111105T	Fire Protection		08/12/2002	08/16/2002	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		08/26/2002	08/30/2002	Baseline Inspections
	8/11EXM - INITIAL OPERATOR LICENSING EXAM		4			
1	U01429	SUSQUEHANNA 1 & 2 O/L INITIAL EXAM 08/13-17/2002		07/15/2002	07/19/2002	Not Applicable
1	U01429	SUSQUEHANNA 1 & 2 O/L INITIAL EXAM 08/13-17/2002		08/12/2002	08/16/2002	Not Applicable
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/23/2002	09/27/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/23/2002	09/27/2002	Baseline Inspections
	95001 - SUPPLEMENTAL FOLLOWUP		1			
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		09/23/2002	09/28/2002	Supplemental Program
	7111401 - EP EXERCISE & EP PI VERIFICATION		5			
1, 2	IP 7111401	Exercise Evaluation		10/07/2002	10/11/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/07/2002	10/11/2002	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		12/02/2002	12/06/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		12/02/2002	12/06/2002	Baseline Inspections
	71151 - PUB RAD SAFETY PI VERIFICATION		1			
1, 2	IP 71151	Performance Indicator Verification		12/09/2002	12/13/2002	Baseline Inspections
	71130 - SECURITY		1			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/03/2003	02/07/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		02/03/2003	02/07/2003	Baseline Inspections
	7112102 - OCC RAD SAFETY - ALARA		1			
1, 2	IP 7112102	ALARA Planning and Controls		02/10/2003	02/14/2003	Baseline Inspections
	7111108 - INSERVICE INSPECTION		1			
2	IP 7111108	Inservice Inspection Activities		03/24/2003	03/28/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/24/2003	03/28/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/24/2003	03/28/2003	Baseline Inspections
	7111107B - HEAT SINK		1			
1, 2	IP 7111107B	Heat Sink Performance		04/14/2003	04/18/2003	Baseline Inspections
	7111121 - SSDI		7			
1, 2	IP 7111121	Safety System Design and Performance Capability		04/28/2003	05/02/2003	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		05/12/2003	05/16/2003	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Susquehanna
Inspection / Activity Plan
06/30/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71130.03 - SECURITY		2			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategie		05/19/2003	05/23/2003	Baseline Inspections
	71122.03 - REMP		1			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		07/21/2003	07/25/2003	Baseline Inspections
	7/28+EXM - OPERATOR LICENSING INITIAL EXAMS		3			
1	U01501	SUSQUEHANNA 1&2 INITIAL EXAM (7/28/03)		07/14/2003	07/17/2003	Not Applicable
1	U01501	SUSQUEHANNA 1&2 INITIAL EXAM (7/28/03)		08/11/2003	08/22/2003	Not Applicable
	711112B - MAINTENANCE RULE		1			
1, 2	IP 711112B	Maintenance Effectiveness		07/28/2003	08/01/2003	Baseline Inspections
	71122.02 - RADWASTE		1			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		08/04/2003	08/08/2003	Baseline Inspections
	71121.01 - OCC RAD SAFETY - ACCESS		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/29/2003	10/03/2003	Baseline Inspections