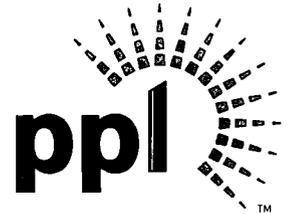


Britt T. McKinney
Sr. Vice President & Chief Nuclear Officer

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3149 Fax 570.542.1504
btmckinney@pplweb.com



FEB 27 2008

**Submitted pursuant
to 10 CFR 26.71(d)**

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION
SEMI-ANNUAL PART 26 PERFORMANCE DATA REPORT
FOR JULY 1, 2007 to DECEMBER 31, 2007
PLA-6333**

**Docket Nos. 50-387
and 50-388**

Attached is the PPL Semi-Annual Fitness-For-Duty performance report for the period between July 1, 2007 and December 31, 2007. This report consolidates corporate and station data for Susquehanna SES, Unit 1 and 2.

Should you have any questions, please contact Mr. John E. Lines, Supervisor Site Access Services, at (570) 542-3801.

Sincerely,

A handwritten signature in black ink that reads "B. T. McKinney". The signature is written in a cursive style with a large, sweeping flourish at the end.

B. T. McKinney

Attachment

Copy: Regional Administrator - Region I
Mr. R. Janati, DEP/BRP
Mr. F. W. Jaxheimer, NRC Sr. Resident Inspector
Mr. Bhalchandra Vaidya, NRR Project Manager

A 021
NRR

**Fitness For Duty Program
Performance Data
Personnel Subject to 10CFR 26**

PPL Susquehanna, LLC	December 31, 2007
Company	6 Months Ending
Susquehanna Steam Electric Station	
Location	
John E. Lines, Site Access Services Supervisor	(570) 542-3801
Contact	Phone (Include Area Code)
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10 CFR 26	
Marijuana 50 / 15	Amphetamines 1000 / 500
Cocaine 300 / 150	Phencyclidine 25 / 25
Opiates 300 / 300	Alcohol (%BAC) 0.04%

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1467		N/A		410	
Categories		# Tested	# Positive NRC/PPL	# Tested	# Positive	# Tested	# Positive NRC/PPL
Pre-Access		87	1	N/A	N/A	377	5
For Cause	Post Accident	8	0	N/A	N/A	4	0
	Observed Behavior	0	0	N/A	N/A	0	0
Random		416	0	N/A	N/A	122	1
Follow-up		59	0	N/A	N/A	9	0
Other *		16	0	N/A	N/A	12	0
Total		586	1	N/A	N/A	524	6

* Other Category – Voided (Dilute) tests = 27 / Return to Duty tests = 1

**Fitness For Duty Program
Performance Data
Personnel Subject to 10CFR26**

**PPL Susquehanna, LLC
Susquehanna Steam Electric Station**

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test
Licensee Employees	0	0	0	0	0	1	0
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Short-Term Contractors	3	3	0	0	0	0	0
Total	3	3	0	0	0	1	0