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Submitted pursuant
to 10CFR26.71(d)

AUG 29 2007

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop OP1-17
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
SEMI-ANNUAL PART 26 PERFORMANCE DATA REPORT
FOR JANUARY 1, 2007 to JUNE 30, 2007
PLA-6267**

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

Attached is the PPL Semi-Annual Fitness-For-Duty performance report for the period between January 1, 2007 and June 30, 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,

B. T. McKinney

Attachment

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

A021
NRR

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

PPL Susquehanna, LLC	June 30, 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 type="checkbox"/> Appendix A to 10 CFR 26	
Marijuana 50 / 15 Cocaine 300 / 150 Opiates 300 / 300	Amphetamines 1000 / 500 Phencyclidine 25 / 25 Alcohol (%BAC) 0.04%

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1510		N/A		541	
Categories		# Tested	# Positive NRC/PPL	# Tested	# Positive	# Tested	# Positive NRC/PPL
Pre-Access		372	4	N/A	N/A	1644	6
For Cause	Post Accident	6	0	N/A	N/A	10	0
	Observed Behavior	1	1	N/A	N/A	0	0
Random		419	1	N/A	N/A	126	2
Follow-up		66	0	N/A	N/A	43	0
Other *		30	0	N/A	N/A	39	0
Total		894	6	N/A	N/A	1862	8

* Other Category – Voided (Dilute) tests = 66 / Return to Duty tests = 3

**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	2	2	0	1	0	1	0
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Short-Term Contractors	2	4*	2*	0	0	1	0
Total	4	6*	2*	1	0	2	0

* One Non-Licensee employee's "pre-access" test was positive for Cocaine and Opiates.