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FEB 27 2006

**Submitted pursuant
to 10CFR26.71(d)**


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

**SUSQUEHANNA STEAM ELECTRIC STATION
SEMI-ANNUAL PART 26 PERFORMANCE DATA REPORT
FOR JULY 1, 2005 TO DECEMBER 31, 2005
PLA-6024**

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

Attached is PPL's semi-annual Fitness-For-Duty performance report covering the period between July 1, 2005 to December 31, 2005. This report consolidates corporate and station data for Susquehanna SES, Units 1 and 2.

Sincerely,


for B. T. McKinney

Attachment

Copy: Regional Administrator - Region I
Mr. A. J. Blamey, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP

A021

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

PPL Susquehanna, LLC	December 31, 2005
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 10CFR 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		1414		N/A		268	
Categories		# Tested	# Positive NRC/PPL	# Tested	# Positive	# Tested	# Positive NRC/PPL
Pre-Access		149	0	N/A	N/A	266	3
For Cause	Post Accident	13	0	N/A	N/A	0	0
	Observed Behavior	4	0	N/A	N/A	1	0
Random		422	1	N/A	N/A	108	1
Follow-up		16	0	N/A	N/A	3	0
Other *		10	0	N/A	N/A	16	0
Total		614	1	N/A	N/A	394	4

• Other Category – Voided (Dilute) tests.

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	2	2*	1*	0	0	0	0
Total	2	2*	1*	0	0	1	0

* One non-licensee employee tested positive for both cocaine and opiates.