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**AUG 25 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 JANUARY 1, 2006 TO JUNE 30, 2006  
PLA-6108**

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

Attached is PPL's semi-annual Fitness-For-Duty performance report covering the period between January 1, 2006 to June 30, 2006. This report consolidates corporate and station data for Susquehanna SES, Units 1 and 2.

Sincerely,

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**

<b>PPL Susquehanna, LLC</b>	<b>June 30, 2006</b>
Company	6 Months Ending
<b>Susquehanna Steam Electric Station</b>	
Location	
<b>John E. Lines, Site Access Services Supervisor</b>	<b>(570) 542-3801</b>
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		1487		N/A		433	
Categories		# Tested	# Positive NRC/PPL	# Tested	# Positive	# Tested	# Positive NRC/PPL
Pre-Access		368	0	N/A	N/A	1142	8
For Cause	Post Accident	23	0	N/A	N/A	6	0
	Observed Behavior	3	2	N/A	N/A	1	1
Random		419	0	N/A	N/A	166	0
Follow-up		19	1	N/A	N/A	21	1
Other *		22	0	N/A	N/A	32	0
<b>Total</b>		<b>854</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>1368</b>	<b>10</b>

- Other Category – Voided (Dilute) tests.

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
PERSONNEL SUBJECT TO 10CFR26**

PPL Susquehanna, LLC  
Susquehanna Steam Electric Station

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**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test
Licensee Employees	0	0	0	0	0	3	0
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Short-Term Contractors	6* <sup>■</sup>	3*	0	1	0	1	0
Total	6* <sup>■</sup>	3*	0	1	0	4	0

- \* One non-licensee employee tested positive for both cocaine and marijuana.
- One non-licensee employee's "pre-access" test was positive for marijuana based on a recollection for a dilute sample.