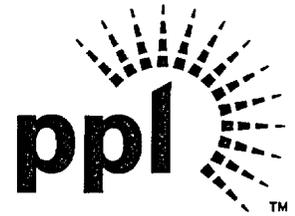


**R. L. Anderson**  
Vice President - Nuclear Operations

**PPL Susquehanna, LLC**  
769 Salem Boulevard  
Berwick, PA 18603  
Tel 570 542 3883 Fax 570 542-1504  
rlandersonr@pplweb.com



AUG 30 2002

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 TO JUNE 30, 2002  
PLA-5517**

---

Docket Nos. 50-387  
and 50-388

Attached is PPL's semi-annual Fitness-For-Duty performance report covering the period between January 1, 2002 and June 30, 2002. This report consolidates corporate and station data for Susquehanna SES, Units 1 and 2.

Sincerely,

R. L. Anderson

Attachment

copy: NRC Region I  
Mr. S. L. Hansell, NRC Sr. Resident Inspector  
Mr. R. Janati, DEP/BRP  
Mr. E. M. Thomas, NRC Project Manager

A021

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

<b>PPL Susquehanna, LLC</b>	<b>June 30, 2002</b>
Company	6 Months Ending
<b>Susquehanna Steam Electric Station</b>	
Location	
<b>William H. Lowthert, Site Access Services Supervisor</b>	<b>(570) 542-3328</b>
Contact	Phone (Include Area Code)
<p>Cutoffs: <input type="checkbox"/> Appendix A to 10CFR 26</p> <p>Screen/Confirmation (ng/ml)</p>	
<p>Marijuana 50 / 15</p> <p>Cocaine 300 / 150</p> <p>Opiates 300 / 300</p>	<p>Amphetamines 1000 / 500</p> <p>Phencyclidine 25 / 25</p> <p>Alcohol (%BAC) 0.04%</p>

Testing Results		Licensee Employees		Long-Term Contractor Personnel <sup>1</sup>		Short-Term Contractor Personnel	
		# Tested	# Positive NRC/PPL	# Tested	# Positive	# Tested	# Positive NRC/PPL
Average Number with Unescorted Access		1560		N/A		437	
<b>Categories</b>		<b># Tested</b>	<b># Positive NRC/PPL</b>	<b># Tested</b>	<b># Positive</b>	<b># Tested</b>	<b># Positive NRC/PPL</b>
<b>Pre-Access</b>		281	1	N/A	N/A	953	3
For Cause	Post Accident	0	0	N/A	N/A	0	0
	Observed Behavior	0	0	N/A	N/A	2	1
Random		422	3	N/A	N/A	162	0
Follow-up		13	0	N/A	N/A	0	0
Other		1	0	N/A	N/A	9	1
<b>Total</b>		<b>717</b>	<b>4</b>	<b>N/A</b>	<b>N/A</b>	<b>1126</b>	<b>5</b>

<sup>1</sup> PPL has no long-term contractors

## Breakdown of Confirmed positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
<b>Licensee Employees</b>	2	0	0	0	0	2	0
<b>Long-Term Contractors<sup>1</sup></b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Short-Term Contractors</b>	3	0	0	0	0	1	2*
<b>Total</b>	5	0	0	0	0	3	2*

<sup>1</sup> PPL has no long-term contractors

- \*One contractor test was determined to be a "Refusal to Test – Test not Performed" by the MRO and reported as a positive in the Pre-access Testing Category.
- Testing Results in the "Other Category" included:
  - Eight (8) recollections because of dilute specimens.
  - \*One (1) test was determined to be a "Refusal to Test – Test not Performed" by the MRO. The contractor left the site without providing a urine specimen. The contractor appealed the determination. Licensee Management removed the sanctions concerning suspension of access to the protected area based upon the Contractor's reported confusion concerning the need to provide the urine specimen promptly. This was reported as a voided test, not a positive result.
  - One (1) test for a Licensee employee was ruled "Test Cancelled – Fatal Flaw – Protocol Error" by the MRO. It is included in the "Other Category" and described under the "Identified Program Weaknesses" section of this report.

### Identified Program Weaknesses

- Identified a potential problem concerning Licensee's low rate of "For Cause" tests. The issue has been entered into our Corrective Action Program for investigation and appropriate action.
- A screening laboratory technician's error caused a presumptive positive test to be declared, "Test Cancelled – Fatal Flaw- Protocol Error" by the MRO after his investigation. Because of a laboratory process deficiency, the technician destroyed the urine specimen rather than forwarding it to the HHS Laboratory for confirmatory testing. The technician misread the screening test results as "negative" rather than "positive" and destroyed the specimen. The urine specimen was destroyed prior to re-verification by a second person. When verification was completed the error was identified. The error was entered into the Licensee's Corrective Action Program. The Condition Report was written such that the presumptive positive results could not be identified with the individual. Corrective actions ensure that the verification of results must be completed prior to specimen being destroyed.

### **Program Changes**

- GC/MS Confirmatory Cut-off level changes – to be consistent with 10CFR26.

#### Synopsis of GC/MS Confirmatory Cut-off changes:

Amphetamines - from 100 ng/ml to 500 ng/ml  
 Cannabinoids - from 10ng/ml to 15 ng/ml  
 Cocaine - from 50 ng/ml to 150 ng/ml  
 Opiates - from 100 ng/ml to 300 ng/ml  
 Phencyclidine - from 10 ng/ml to 25 ng/ml