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 50-251 Turkey Point Plant, Unit 4, Florida Power and Light Co.      05000251  
 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.      05000335  
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.      05000389

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 BOHLKE, W.H.      Florida Power & Light Co.  
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SUBJECT: Forwards "Fitness for Duty Program Performance Data" for  
 Jul-Dec 1991.

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U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
Semi-Annual Fitness For Duty  
Program Performance Data

In accordance with 10 CFR 26.71(d), please find attached the fitness-for-duty program performance data for the six (6) month period ending December 31, 1991.

Should you have any questions, please contact us.

Very truly yours,

W. H. Bohlke  
Vice President  
Nuclear Engineering and Licensing

WHB/DMB

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant  
Senior Resident Inspector, USNRC, St. Lucie Plant

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

<b>Company:</b> Florida Power and Light	<b>Location:</b> Turkey Point Plant
<b>Reporting Period</b> 6 months ending: December 31, 1991	<b>Average Number with Unescorted Access for Reporting Period:</b> 2619
<b>Contact:</b> J. G. West <b>Title:</b> Manager-Nuclear Security	<b>Phone:</b> (407) 694-4253 <b>FAX :</b> (407) 694-5084

**Screening Cutoff Levels (ng/ml)**

Substance	Cutoff Levels		Substance	Cutoff Levels	
	Screen	Confirm		Screen	Confirm
Marijuana	50	10	Amphetamines	300	500
Cocaine	300	150	Phencyclidine	25	25
Opiates	300	200	Alcohol (%BAC)	.04%	.04%

**Test Results**

Categories	Licensee Employees				Contractor Employees			
	# Tested	# Pos. Results	# to EAP	# Access Restored	# Tested	# Pos. Results	# to EAP	# Access Restored
Pre-Employment	N/A				N/A			
Pre-Badging	66	0	0	0	438	4	0	0
Periodic	N/A				N/A			
For Cause	1	1	1	1	20	4	1	1
Post Accident	0	0	0	0	0	0	0	0
Random	836	0	0	0	801	4	0	0
Follow-up	19	0	0	0	5	0	0	0
Other	N/A				N/A			
<b>Total</b>	<b>922</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1264</b>	<b>12</b>	<b>1</b>	<b>1</b>

**NOTE:**

All confirmed positive test results were above DHHS/NRC confirmation cutoff levels.



**Turkey Point Plant  
Pre-Badging Testing Program Results**

Test Year	1989		1990		1991		1992		1993	
Number of Individuals Tested	N/A	N/A	2030	1874	1790	504				
Number of Positive Tests	N/A	N/A	42	20	30	4				
% Positive	N/A	N/A	2.07%	1.07%	1.67%	.79%				
Graph of % Positive	5									
	4									
	3									
	2									
	1									

**Confirmed Positive Tests for Specific Substances**

Substance	1989		1990		1991		1992		1993	
Marijuana	N/A	N/A	27	4	17	1				
Cocaine	N/A	N/A	12	12	10	1				
Opiates	N/A	N/A	0	0	0	0				
Amphetamines	N/A	N/A	1	0	0	0				
Barbiturates	N/A	N/A	1	0	0	0				
Alcohol	N/A	N/A	1	2	3	1				
Refusal to Test	N/A	N/A	0	2	0	1				



**Turkey Point Plant  
Random Testing Program Results**

Test Year	1989		1990		1991		1992		1993	
Number of Tests Conducted	N/A	N/A	2033	2042	2141	1637				
Number of Positive Tests	N/A	N/A	20	8	15	4				
% Positive	N/A	N/A	.98%	.39%	.70%	.24%				
Graph of % Positive	5									
	4									
	3									
	2									
	1									

**Confirmed Positive Tests for Specific Substances**

Substance	1989		1990		1991		1992		1993	
Marijuana	N/A	N/A	4	1	6	0				
Cocaine	N/A	N/A	10	5	8	4				
Opiates	N/A	N/A	0	0	0	0				
Amphetamines	N/A	N/A	0	0	0	0				
Barbiturates	N/A	N/A	0	0	0	0				
Alcohol	N/A	N/A	4	1	1	0				
Refusal to Test	N/A	N/A	2	1	0	0				





**MANAGEMENT ACTIONS**  
**TURKEY POINT PLANT**

1. An NRC Fitness for Duty inspection was conducted at Turkey Point in September of 1991 and resulted in no violations. A previous inspector follow-up item from the St. Lucie inspection regarding insufficient weekend testing was closed out during this inspection.
2. During this reporting period, Roche Biomedical Laboratories issued two false negative test results for blind specimens submitted by the Turkey Point Plant. One incident resulted from a transcription error and the other from an improper identification of an accession number. Although Roche's false negative rate of 1.5% for 1991 is well below the 10% error rate allowed by the Department of Health and Human Services standards for NIDA certification, they were instructed to take steps to eliminate the type of human errors which caused these false negatives.
3. FFD Reportable Events for 1991 - Turkey Point Plant
  - 3.1 On July 11, 1991, in response to an anonymous allegation, a contractor supervisor was given a for-cause-test and was confirmed positive for alcohol at .04 BAC. The individual stated that he had not consumed alcohol within the Protected Area of the plant. The individual's unescorted access to the site was revoked.
  - 3.2 On August 6, 1991, in response to observed behavior, a contractor supervisor was given a for-cause-test and was confirmed positive for alcohol at .07 BAC. The individual had not yet been given unescorted access to the site and his access was denied.

- 3.3 On August 9, 1991, in response to observed behavior, a contractor supervisor was given a for-cause-test and tested positive for alcohol at .09 BAC. The individual was detected while attempting to gain access to the site and had not consumed alcohol within the Protected Area of the plant. His unescorted access to the site was revoked.
- 3.4 On September 17, 1991, in response to observed behavior, a licensee supervisor was given a for-cause-test and tested positive for alcohol at .07 BAC. The individual was detected while attempting to gain access to the site and had not consumed alcohol within the Protected Area of the site. The individual's unescorted access to the site was suspended and was later restored after completion of a rehabilitation program.



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

<b>Company:</b> Florida Power and Light	<b>Location:</b> St. Lucie Plant
<b>Reporting Period</b> 6 months ending: December 31, 1991	<b>Average Number with Unescorted Access for Reporting Period:</b> 2124
<b>Contact:</b> J. G. West <b>Title:</b> Manager-Nuclear Security	<b>Phone:</b> (407) 694-4253 <b>FAX :</b> (407) 694-5084

**Screening Cutoff Levels (ng/ml)**

Substance	Cutoff Levels		Substance	Cutoff Levels	
	Screen	Confirm		Screen	Confirm
Marijuana	50	10	Amphetamines	300	500
Cocaine	300	150	Phencyclidine	25	25
Opiates	300	200	Alcohol (%BAC)	.04%	.04%

**Test Results**

Categories	Licensee Employees				Contractor Employees			
	# Tested	# Pos. Results	# to EAP	# Access Restored	# Tested	# Pos. Results	# to EAP	# Access Restored
Pre-Employment	N/A				N/A			
Pre-Badging	66	0	0	0	1273	12	0	0
Periodic	N/A				N/A			
For Cause	0	0	0	0	4	1	0	3
Post Accident	0	0	0	0	0	0	0	0
Random	700	0	0	0	465	2	0	0
Follow-up	14	0	0	0	8	0	0	0
Other	N/A				N/A			
<b>Total</b>	<b>780</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1750</b>	<b>15</b>	<b>0</b>	<b>3</b>

**NOTE:**

All confirmed positive test results were above DHHS/NRC confirmation cutoff levels.

**St. Lucie Plant**



**St. Lucie Plant  
Pre-Badging Testing Program Results**

Test Year	1989		1990		1991		1992		1993	
Number of Individuals Tested	N/A	N/A	1589	1233	262	1339				
Number of Positive Tests	N/A	N/A	44	21	3	12				
% Positive	N/A	N/A	2.77%	1.70%	1.15%	.89%				
Graph of % Positive	5									
	4									
	3									
	2									
	1									

**Confirmed Positive Tests for Specific Substances**

Substance	1989		1990		1991		1992		1993	
Marijuana	N/A	N/A	26	9	0	5				
Cocaine	N/A	N/A	12	5	0	5				
Opiates	N/A	N/A	1	0	0	0				
Amphetamines	N/A	N/A	0	0	0	0				
Barbiturates	N/A	N/A	0	1	0	0				
Alcohol	N/A	N/A	5	5	3	1				
Refusal to Test	N/A	N/A	0	1	0	1				

**St. Lucie Plant  
Random Testing Program Results**

Test Year	1989		1990		1991		1992		1993	
Number of Tests Conducted	N/A	N/A	1392	818	956	1165				
Number of Positive Tests	N/A	N/A	6	4	3	2				
% Positive	N/A	N/A	.43%	.49%	.31%	.17%				
Graph of % Positive	5									
	4									
	3									
	2									
	1									

**Confirmed Positive Tests for Specific Substances**

Substance	1989		1990		1991		1992		1993	
Marijuana	N/A	N/A	2	0	1	1				
Cocaine	N/A	N/A	2	4	2	0				
Opiates	N/A	N/A	0	0	0	0				
Amphetamines	N/A	N/A	0	0	0	0				
Barbiturates	N/A	N/A	0	0	0	0				
Alcohol	N/A	N/A	2	0	0	0				
Refusal to Test	N/A	N/A	0	0	0	1				



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WASHINGTON, D.C.

## MANAGEMENT ACTIONS

### ST. LUCIE PLANT

During the second half of 1991, the St Lucie Plant Fitness for Duty Program continued to meet all regulatory requirements as well as FPL Nuclear Division objectives. There were no reportable events for the St Lucie FFD Program during this period and management actions pertaining to NRC inspections and false negative test results are covered in the Turkey Point Plant report.