

**CP&L**

A Progress Energy Company

**Florida Power**

A Progress Energy Company

10 CFR 26.71 (d)

PO Box 1551  
 411 Fayetteville Street Mall  
 Raleigh NC 27602

Serial: PE&RAS-02-007  
 February 19, 2002

United States Nuclear Regulatory Commission  
 ATTENTION: Document Control Desk  
 Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
 DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62

SHEARON HARRIS NUCLEAR POWER PLANT  
 DOCKET NO. 50-400/LICENSE NO. NPF-63

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
 DOCKET NO. 50-261/LICENSE NO. DPR-23

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT  
 DOCKET NO. 50-302 / LICENSE NO. DPR-72

**SEMIANNUAL 10 CFR 26 FITNESS FOR DUTY PROGRAM DATA**

Ladies and Gentlemen:

In accordance with 10 CFR 26.71(d), enclosed is Carolina Power & Light (CP&L) Company's and Florida Power Corporation's (FPC) semiannual Fitness For Duty (FFD) Program performance data for the above listed plants.

The enclosed report provides FFD Program performance data for personnel subject to the requirements of 10 CFR 26, for the period July 1, 2001 through December 31, 2001.

Please contact me at (919) 546-6901 if you need additional information concerning this report.

Sincerely,

Terry C. Morton  
 Manager - Performance  
 Evaluation & Regulatory Affairs

DSL  
 Enclosure

- c: L. A. Reyes, Regional Administrator - Region II  
 T. A. Easlick, USNRC Senior Resident Inspector - BSEP, Unit Nos. 1 and 2  
 A. G. Hansen, NRR Project Manager - BSEP, Unit Nos. 1 and 2; HBRSEP, Unit No. 2  
 J. B. Brady, USNRC Senior Resident Inspector - SHNPP, Unit No. 1  
 J. M. Goshen, NRR Project Manager - SHNPP, Unit No. 1; CR-3  
 USNRC Resident Inspector - HBRSEP, Unit No. 2  
 USNRC Resident Inspector - CR-3  
 J. A. Sanford - North Carolina Utilities Commission

A021  
 Rec'd 03/19/02

# **Fitness For Duty Program**

**(July 1, 2001 - December 31, 2001)**

## **PERFORMANCE DATA**

## **SUMMARY OF MANAGEMENT ACTIONS**

### **Lessons Learned and Actions Taken**

Not applicable for this reporting period.

## **EFFECTIVENESS EVALUATION**

### **Fitness For Duty Program Performance Data**

Random testing is required to be performed at an annual rate of at least 50% of the workforce in accordance with 10 CFR 26.24(a)(2). The current six month reporting period random testing rate was approximately 27.8 % for Carolina Power and Light Company (CP&L) Plants (Brunswick, Harris, and Robinson) and 23.9% for Florida Power Corporation (FPC) Crystal River Plant. For CP&L, there were 943 random tests conducted with an average of 3389 workers eligible for testing. For FPC, there were 252 random tests conducted with an average of 1054 workers eligible for testing. The annual testing rate for CP&L was approximately 55.8% with 1796 random tests conducted with an average of 3220 workers eligible for testing. The annual testing rate for FPC was approximately 51.3% with 488 random test conducted with an average of 951 workers eligible for testing.

For this reporting period for CP&L, the total rate of positive test results was approximately 0.73%. There were 18 positive results out of 2477 tests. The positive test results were comprised of 14 pre-access, 3 random, 0 for-cause, and 1 other. For this reporting period for FPC, the total rate of positive test results was approximately 0.82%. There were 11 positive results out of 1338 tests. The positive test results were comprised of 10 pre-access, 0 random, 1 for-cause, and 0 other. For the year for CP&L, the total rate of positive results was approximately 0.87%. There were 39 positive test results out of 4479 tests. The annual positive test results were comprised of 34 pre-access, 4 random, 0 for-cause, and 1 other. For the year for FPC, the total rate of positive results was approximately 0.66%. There were 11 positive test results out of 1662 tests. The annual positive test results were comprised of 10 pre-access, 0 random, 1 for-cause and 0 other. Unescorted access for the individuals with confirmed positive tests was denied or revoked, as applicable.

For this reporting period for CP&L, the positive test rate for employees was 0%, with 0 positive results out of 649 tests. For FPC, the positive test rate for employees was 0.24% with 1 positive result out of 423 tests.

For this reporting period for CP&L, the positive test rate for contractors was approximately 0.98% with 18 positive results out of 1828 tests. For FPC, the positive test rate was 1.09% with 10 positive results out of 915 tests.

There were no identified abuses of over-the-counter or prescription medication during the reporting period.

One Operational Experience (OE) item was generated and distributed relative to the blind sample provider submitting two samples that had a higher concentration of opiates than certified in their certificate of analysis.

## **EVENTS REPORTED TO THE NRC**

### Events Reported By Telephone Under 10 CFR 26.73

None.

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
Personnel Subject to 10 CFR 26**

Carolina Power & Light Company <hr/> <div style="text-align: center;">Company</div> Brunswick Steam Electric Plant <hr/> <div style="text-align: center;">Location</div> Cindy Cunningham <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 2001 to December 31, 2001 <hr/> 6 Months Ending    919-546-5360 <hr/> Phone (include area code)
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Cutoffs: Screen/Confirmation (ng/ml)    ☐ Appendix A to 10 CFR 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	888		N/A		256	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	24	0	N/A	N/A	71	2
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	1	0
Random	235	0	N/A	N/A	54	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	259	0	N/A	N/A	126	2

## Breakdown of Confirmed Positive Tests for Specific Substances

### BRUNSWICK

	Marijuana (NRC/CP&L)	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Adulteration	2	3	4	5	
Licensee Employees	0/0	0	0	0	0	0	0	0					
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Short-Term Contracts	0/2	0	0	0	0	0	0	0					A
Total	0/2	0	0	0	0	0	0	0					0/2

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
Personnel Subject to 10 CFR 26**

Carolina Power & Light Company <hr/> <div style="text-align: center;">Company</div> Shearon Harris Nuclear Power Plant <hr/> <div style="text-align: center;">Location</div> Cindy Cunningham <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 2001 to December 31, 2001 <hr/> 6 Months Ending   919-546-5360 <hr/> Phone (include area code)
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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	660		N/A		951	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	37	0	N/A	N/A	1338	12
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	4	0
Random	238	0	N/A	N/A	273	3
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	1
<b>TOTAL</b>	<b>275</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>1616</b>	<b>16</b>



## Breakdown of Confirmed Positive Tests for Specific Substances

### HARRIS

	Marijuana (NRC/CP&L)	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0/0	0	0	0	0	0	0						
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contracts	2/8	3	0	0	0	1	2						A
Total	2/8	3	0	0	0	1	2						8/8

## Breakdown of Confirmed Positive Tests for Specific Substances

### ROBINSON

	Marijuana (NRC/CP&L)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0/0	0	0	0	0	0	0						
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contracts	0/0	0	0	0	0	0	0						A
Total	0/0	0	0	0	0	0	0						0/0

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
Personnel Subject to 10 CFR 26**

Carolina Power & Light Company <hr/> <div style="text-align: center;">Company</div> H. B. Robinson Steam Electric Plant <hr/> <div style="text-align: center;">Location</div> Cindy Cunningham <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 2001 to December 31, 2001 <hr/> 6 Months Ending    919-546-5360 <hr/> Phone (include area code)															
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10 CFR 26 <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Marijuana</td> <td style="width: 25%;">50/15</td> <td style="width: 25%;">Amphetamines</td> <td style="width: 25%;">1000/500</td> <td style="width: 20%; text-align: right;">_____ /</td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> <td>Phencyclidine</td> <td>25/25</td> <td style="text-align: right;">_____ /</td> </tr> <tr> <td>Opiates</td> <td>300/300</td> <td>Alcohol (% BAC)</td> <td>0.04 %</td> <td style="text-align: right;">_____ /</td> </tr> </table>		Marijuana	50/15	Amphetamines	1000/500	_____ /	Cocaine	300/150	Phencyclidine	25/25	_____ /	Opiates	300/300	Alcohol (% BAC)	0.04 %	_____ /
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Opiates	300/300	Alcohol (% BAC)	0.04 %	_____ /												

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	511		N/A		123	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	8	0	N/A	N/A	49	0
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	1	0
Random	107	0	N/A	N/A	36	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
<b>TOTAL</b>	<b>115</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>86</b>	<b>0</b>

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
Personnel Subject to 10 CFR 26**

Florida Power Corporation <hr/> <div style="text-align: center;">Company</div> Crystal River Nuclear Plant <hr/> <div style="text-align: center;">Location</div> Cindy Cunningham <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 2001 to December 31, 2001 <hr/> <div style="text-align: center;">6 Months Ending</div>   919-546-5360 <hr/> <div style="text-align: center;">Phone (include area code)</div>															
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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	750		N/A		304	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	222	1	N/A	N/A	858	9
For Cause:						
Post accident	1	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	2	1
Random	198	0	N/A	N/A	54	0
Follow-Up	0	0	N/A	N/A	0	0
Other	2	0	N/A	N/A	1	0
<b>TOTAL</b>	<b>423</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>	<b>915</b>	<b>10</b>

## Breakdown of Confirmed Positive Tests for Specific Substances

### CRYSTAL RIVER

	Marijuana (NRC/CP&L)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0/1	0	0	0	0	0	0						
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contracts	6/3	2	0	0	0	0	0						A
Total	6/4	2	0	0	0	0	0						8/4

\*NOTE: One individual tested positive both for marijuana and cocaine.