



PO Box 1551
411 Fayetteville Street Mall
Raleigh NC 27602

Serial: PE&RAS-05-063
August 29, 2005

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555-0001

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

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

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
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

SEMIANNUAL 10 CFR 26 FITNESS FOR DUTY PROGRAM DATA

Ladies and Gentlemen:

Pursuant to 10 CFR 26.71(d), enclosed is the semiannual Fitness For Duty (FFD) Program performance data for the above listed plants belonging to Carolina Power & Light Company, now doing business as Progress Energy Carolinas, Inc. (PEC), and Florida Power Corporation, now doing business as Progress Energy Florida, Inc. (PEF).

The enclosed report provides FFD Program performance data for personnel subject to the requirements of 10 CFR 26, for the period January 1, 2005 through June 30, 2005.

This document contains no new regulatory commitment.

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

Sincerely,

Chris Burton
Manager - Performance
Evaluation & Regulatory Affairs

HAS
Enclosure

- c: W. D. Travers, Regional Administrator – Region II
- USNRC Resident Inspector – BSEP, Unit Nos. 1 and 2
- USNRC Resident Inspector – CR3
- USNRC Resident Inspector – SHNPP, Unit No. 1
- USNRC Resident Inspector – HBRSEP, Unit No. 2
- B. L. Mozafari, NRR Project Manager – BSEP, Unit Nos. 1 and 2; CR3
- C. P. Patel, NRR Project Manager – SHNPP, Unit No. 1; HBRSEP, Unit No. 2
- J. A. Sanford – North Carolina Utilities Commission
- G. Thigpen – North Carolina Utilities Commission
- S. Watson – North Carolina Utilities Commission
- B. Hall – North Carolina Department of Environmental and Natural Resources

A021

Fitness For Duty Program

(January 1, 2005 – June 30, 2005)

PERFORMANCE DATA

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

None.

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 rates were approximately 28.6% for Carolina Power & Light Company, now doing business as Progress Energy Carolinas, Inc., (PEC) and 25% for Florida Power Corporation, now doing business as Progress Energy Florida, Inc., (PEF). For PEC (i.e., the Brunswick, Harris, and Robinson plants), there were 895 random tests conducted with an average of 3130 workers eligible for testing. For PEF (i.e., the Crystal River 3 plant), there were 198 random tests conducted with an average of 793 workers eligible for testing.

For this reporting period, the total rate of positive test results for PEC was approximately 0.52%. Out of 2310 tests, there were 12 positive results, comprising 7 pre-access, 2 random, 1 for-cause, and 2 other. For this reporting period, the total rate of positive test results for PEF was approximately 0.54%. Out of 369 tests, there were 2 positive results comprising 2 pre-access, 0 random, 0 for-cause, and 0 other. Unescorted access for the individuals with confirmed positive tests was denied or revoked, as applicable.

For this reporting period, the positive test rate for PEC employees was approximately 0.14%, with 1 positive result out of 738 tests. For this reporting period, the positive test rate for PEF employees was 0.0% with 0 positive results out of 226 tests.

For this reporting period, the positive test rate for PEC contractors was approximately 0.70% with 11 positive results out of 1572 tests. For PEF, the positive test rate was 1.40% with 2 positive tests out of 143 tests.

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**

<u>Progress Energy Carolinas, Inc.</u>	<u>June 30, 2005</u>
Company	6 Months Ending
<u>Brunswick Steam Electric Plant</u>	
Location	
<u>Cindy Cunningham</u>	<u>919-546-5360</u>
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> 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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	866		N/A		535	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	39	0	N/A	N/A	998	7
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	2	0	N/A	N/A	3	0
Random	257	0	N/A	N/A	134	0
Follow-Up	0	0	N/A	N/A	5	0
Other	0	0	N/A	N/A	2	2
Total	298	0	N/A	N/A	1142	9

Breakdown of Confirmed Positive Tests for Specific Substances

BRUNSWICK

	Marijuana (NRC/PEC CUTOFF)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	Adulteration	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	N/A					
Short-Term Contracts	2/3	2	0	0	0	2	0	0					A
Total	2/3	2	0	0	0	2	0	0					6/3

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

<u>Progress Energy Carolinas, Inc.</u>	<u>June 30, 2005</u>
Company	6 Months Ending
<u>Shearon Harris Nuclear Power Plant</u>	
Location	
<u>Cindy Cunningham</u>	<u>919-546-5360</u>
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> 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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	652		N/A		243	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	57	0	N/A	N/A	84	0
<u>For Cause:</u>						
Post accident	3	0	N/A	N/A	4	0
Observed behavior	2	0	N/A	N/A	3	0
Random	212	0	N/A	N/A	60	1
Follow-Up	6	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	280	0	N/A	N/A	151	1

Breakdown of Confirmed Positive Tests for Specific Substances

HARRIS

	Marijuana (NRC/PEC CUTOFF)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	Adulteration	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	N/A				
Short-Term Contracts	0	0	0	0	0	1	0	0				
TotTotal	0	0	0	0	0	1	0	0				

A

1/0

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

<u>Progress Energy Carolinas, Inc.</u>	<u>June 30, 2005</u>
Company	6 Months Ending
<u>H. B. Robinson Steam Electric Plant</u>	
Location	
<u>Cindy Cunningham</u>	<u>919-546-5360</u>
Contact Name	Phone (include area code)

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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	501		N/A		333	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	21	0	N/A	N/A	179	0
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	3	0
Observed behavior	2	1	N/A	N/A	2	0
Random	137	0	N/A	N/A	95	1
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	160	1	N/A	N/A	279	1

Breakdown of Confirmed Positive Tests for Specific Substances

ROBINSON

	Marijuana (NRC/PEC CUTOFF)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	Adulteration	2	3	4	5	
Licensee Employees	0	0	0	0	0	1	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	0	0	0	0	0	1	0					A
Total	0	0	0	0	0	1	1	0					2/0

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

<u>Progress Energy Florida, Inc.</u>	<u>June 30, 2005</u>
Company	6 Months Ending
<u>Crystal River Nuclear Plant</u>	
Location	
<u>Cindy Cunningham</u>	<u>919-546-5360</u>
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> 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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	570		N/A		223	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	76	0	N/A	N/A	94	2
<u>For Cause:</u>						
Post accident	1	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	0	0
Random	149	0	N/A	N/A	49	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	226	0	N/A	N/A	143	2

Breakdown of Confirmed Positive Tests for Specific Substances

CRYSTAL RIVER

	Marijuana (NRC/PEF CUTOFF)	Cocaine	Opiates	Amphet- amines	Phency- clidine	Alcohol	Refusal to Test	Adulteration	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	N/A					
Short-Term Contracts	0	1	0	0	0	0	1	0					A
Total	0	1	0	0	0	0	1	0					2/0