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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, 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

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:

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 Progress Energy Carolinas, Inc. (PEC) (also known as Carolina Power & Light Company) and Progress Energy Florida, Inc. (PEF) (also known as Florida Power Corporation).

The enclosed report provides FFD Program performance data for personnel subject to the requirements of 10 CFR 26, for the period July 1, 2002 through December 31, 2002.

This document contains no new regulatory commitment.

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

Sincerely,

James W. Holt
Manager - Performance
Evaluation & Regulatory Affairs

HAS
Enclosure

- c: L. A. Reyes, Regional Administrator – Region II
- T. A. Easlick, USNRC Senior Resident Inspector – BSEP, Unit Nos. 1 and 2
- B. L. Mozafari, NRR Project Manager – BSEP, Unit Nos. 1 and 2; CR3
- J. S. Stewart, USNRC Senior Resident Inspector – CR3
- J. B. Brady, USNRC Senior Resident Inspector – SHNPP, Unit No. 1
- C. P. Patel, NRR Project Manager – SHNPP, Unit No. 1; HBRSEP, Unit No. 2
- USNRC Senior Resident Inspector – HBRSEP, Unit No. 2
- J. A. Sanford - North Carolina Utilities Commission

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Fitness For Duty Program

(July 1, 2002 – December 31, 2002)

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 rates were approximately 28.6% for Progress Energy Carolinas, Inc. (PEC) (also known as Carolina Power and Light Company) Plants (i.e., Brunswick, Harris, and Robinson) and 28.9% for Progress Energy Florida, Inc. (PEF) (also known as Florida Power Corporation) Crystal River Plant. For PEC, there were 818 random tests conducted with an average of 2859 workers eligible for testing. For PEF, there were 232 random tests conducted with an average of 804 workers eligible for testing. The annual testing rate for PEC was approximately 56% with 1605 random tests conducted with an average of 2866 workers eligible for testing. The annual testing rate for PEF was approximately 58.9% with 470 random test conducted with an average of 799 workers eligible for testing.

The total rate of positive test results for this reporting period for PEC was approximately 0.65%. There were 10 positive results out of 1548 tests. The positive test results comprised 6 pre-access, 2 random, 1 for-cause, and 1 other. The total rate of positive test results for this reporting period for PEF was approximately 0.63%. There were 2 positive results out of 319 tests. The positive test results comprised 1 pre-access, 0 random, 0 for-cause, and 1 other. Unescorted access for the individuals with confirmed positive tests was denied or revoked, as applicable.

For this reporting period for PEC, the positive test rate for employees was 0.15%, with 1 positive result out of 680 tests. For PEF, the positive test rate for employees was 0% with 0 positive result out of 202 tests.

For this reporting period for PEC, the positive test rate for contractors was approximately 1.0% with 9 positive results out of 868 tests. For PEF, the positive test rate was 1.7% with 2 positive tests out of 117 tests.

There was no unsatisfactory blind performance test during the reporting period.

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**

Progress Energy Carolina, Inc. (also known as Carolina Power & Light Company)	July 1, 2002 to December 31, 2002			
Company	6 Months Ending			
Brunswick Steam Electric Plant				
Location				
Cindy Cunningham	919-546-5360			
Contact Name	Phone (include area code)			
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10 CFR 26				
Marijuana	50/15	Amphetamine	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	902		N/A		332	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	18	0	N/A	N/A	176	1
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	2	0
Random	245	1	N/A	N/A	83	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	263	1	N/A	N/A	261	1

Breakdown of Confirmed Positive Tests for Specific Substances

BRUNSWICK

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

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

Progress Energy Carolinas, Inc. (also known as Carolina Power & Light Company)		July 1, 2002 to December 31, 2002
Company		6 Months Ending
Shearon Harris Nuclear Power Plant		
Location		
Cindy Cunningham		919-546-5360
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	
Average Number with Unescorted Access	643		N/A		213	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	31	0	N/A	N/A	64	1
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	0	0
Random	189	0	N/A	N/A	49	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	1
TOTAL	220	0	N/A	N/A	114	2

Breakdown of Confirmed Positive Tests for Specific Substances

HARRIS

	Marijuana (NRC/CP&L 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	0					
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Short-Term Contracts	1/1	2	0	0	0	0	0	0					A
Total	1/1	2	0	0	0	0	0	0					3/1

*NOTE: Two individuals tested positive both for marijuana and cocaine.

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

July 1, 2002 to December 31, 2002	
Progress Energy Carolinas, Inc. (also known as Carolina Power & Light Company)	6 Months Ending
Company	
H. B. Robinson Steam Electric Plant	
Location	
Cindy Cunningham	919-546-5360
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	524		N/A		245	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	27	0	N/A	N/A	407	4
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	1	0
Observed behavior	0	0	N/A	N/A	2	1
Random	170	0	N/A	N/A	82	1
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	0
TOTAL	197	0	N/A	N/A	493	6

Breakdown of Confirmed Positive Tests for Specific Substances

ROBINSON

	Marijuana (NRC/CP&L 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	0				
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
Short-Term Contracts	2/0	1	0	0	0	3	0	0				
Total	2/0	1	0	0	0	3	0	0				6/0

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

Progress Energy Florida, Inc. (also known as Florida Power Corporation)	July 1, 2002 to December 31, 2002
Company	6 Months Ending
Crystal River Nuclear Plant	
Location	
Cindy Cunningham	919-546-5360
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	
Average Number with Unescorted Access	606		N/A		198	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	24	0	N/A	N/A	61	1
<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	177	0	N/A	N/A	55	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	1
TOTAL	202	0	N/A	N/A	117	2

Breakdown of Confirmed Positive Tests for Specific Substances

CRYSTAL RIVER

	Marijuana (NRC/CP&L 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	0					
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Short-Term Contracts	1/0	0	0	0	0	1	0	0					
Total	1/0	0	0	0	0	1	0	0					A
													2/0