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Serial: PE&RAS-03-091
August 22, 2003

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), Progress Energy Carolinas, Inc. (PEC) and Progress Energy Florida, Inc. (PEF) report the enclosed 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 January 1, 2003 through June 30, 2003.

This document contains no new regulatory commitment.

Please contact me at (919) 546-4579 if you need additional information concerning this report.

Sincerely,

Tony Groblewski
Supervisor - Regulatory Affairs

HAS
Enclosure

- c:
- L. A. Reyes, Regional Administrator - Region II
 - 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
 - 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
 - J. A. Sanford - North Carolina Utilities Commission

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Fitness For Duty Program

(January 1, 2003 – June 30, 2003)

PERFORMANCE DATA

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

SUBJECT: Discrepancy in Blind Sample Test Results

In April, the Licensee submitted two blind sample specimens to the secondary laboratory for testing. One specimen was positive for morphine/codeine, and one was negative. The primary laboratory had already reported results consistent with expected results. The secondary lab reported results which conflicted with the primary lab results. The investigation determined that the primary lab had reported the correct results. The secondary lab had tested the specimens properly; however, an administrative error by the certifying scientist at the results-entry stage of the process had caused the results to be reported in reverse—the positive as a negative and the negative as a positive. Additionally, the certifying scientist failed to follow laboratory procedure for re-test specimens. The secondary lab accepted responsibility and initiated appropriate corrective actions.

On April 29, 2003, the Licensee notified the NRC via telephone of the occurrence of an administrative error on a blind performance test specimen, pursuant to 10 CFR 26, Appendix A, Subpart B, Section 2.8 (e)(5). Based on discussion with the NRC, a subsequent report on the investigation was submitted on June 6, 2003 pursuant to 10 CFR 26, Appendix A, Subpart B, Section 2.8 (e)(4).

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 0.28% for Progress Energy Carolinas, Inc. (PEC) Plants (Brunswick, Harris, and Robinson) and 0.27% for Progress Energy Florida, Inc. (PEF) Crystal River Plant. For PEC, there were 844 random tests conducted with an average of 3020 workers eligible for testing. For PEF, there were 221 random tests conducted with an average of 809 workers eligible for testing.

The total rate of positive test results for this reporting period for PEC was approximately 0.8%. There were 17 positive results out of 2019 tests. The positive test results comprised 11 pre-access, 2 random, 2 for-cause, and 2 other. The total rate of positive test results for this reporting period for PEF was approximately 1.4%. There were 5 positive results out of 355 tests. The positive test results comprised 3 pre-access, 0 random, 1 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 0.3%, with 2 positive results out of 676 tests. For PEF, the positive test rate for employees was 0% with 0 positive result out of 223 tests.

For this reporting period for PEC, the positive test rate for contractors was approximately 1.1% with 15 positive results out of 1343 tests. For PEF, the positive test rate was 3.8% with 5 positive tests out of 132 tests.

EVENTS REPORTED TO THE NRC

Events Reported By Telephone Under 10 CFR 26.73

On February 4, 2003, Progress Energy made a 24-hour report to the NRC identifying a licensed operator who tested positive for a controlled substance as a result of a random test. The employee's access to the protected area has been terminated.

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

Progress Energy Carolinas, Inc. <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>	January 1, 2003 to June 30, 2003 <hr/> <div style="text-align: center;">6 Months Ending</div> <hr/> <div style="text-align: center;">919-546-5360</div> <hr/> <div style="text-align: center;">Phone (include area code)</div>
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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	901		N/A		502	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	32	0	N/A	N/A	884	10
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	1	0
Observed behavior	2	0	N/A	N/A	6	2
Random	246	1	N/A	N/A	114	0
Follow-Up	0	0	N/A	N/A	1	0
Other	0	0	N/A	N/A	1	0
Total	280	1	N/A	N/A	1007	12

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	1/0	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	4/3	2	0	0	0	3	0	0					A
Total	5/3	2	0	0	0	3	0	0					10/3

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

Progress Energy Carolinas, Inc. <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>	January 1, 2003 to June 30, 2003 <hr/> <div style="text-align: center;">6 Months Ending</div> <hr/> <div style="text-align: center;">919-546-5360</div> <hr/> <div style="text-align: center;">Phone (include area code)</div>
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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	643		N/A		323	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	32	0	N/A	N/A	159	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	213	0	N/A	N/A	96	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	2	2
TOTAL	246	0	N/A	N/A	257	3

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	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	1	0	0	0	0	1	0					A
Total	1/0	1	0	0	0	0	1	0					3/0

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

Progress Energy Carolinas, Inc. <hr/> <div style="text-align: center;">Company</div> <hr/> H. B. Robinson Steam Electric Plant <hr/> <div style="text-align: center;">Location</div> <hr/> Cindy Cunningham <hr/> <div style="text-align: center;">Contact Name</div>	January 1, 2003 to June 30, 2003 <hr/> <div style="text-align: center;">6 Months Ending</div> <hr/> <hr/> <div style="text-align: center;">919-546-5360</div> <hr/> <div style="text-align: center;">Phone (include area code)</div>															
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10 CFR 26 <table style="width:100%; border: none;"> <tr> <td style="width:20%;">Marijuana</td> <td style="width:20%;">50/15</td> <td style="width:20%;">Amphetamines</td> <td style="width:20%;">1000/500</td> <td style="width:20%;"></td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> <td>Phencyclidine</td> <td>25/25</td> <td></td> </tr> <tr> <td>Opiates</td> <td>300/300</td> <td>Alcohol (% BAC)</td> <td>0.04%</td> <td></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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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	513		N/A		138	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	14	0	N/A	N/A	36	0
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	2	0
Observed behavior	2	0	N/A	N/A	0	0
Random	134	1	N/A	N/A	41	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	150	1	N/A	N/A	79	0

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	1	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	0	0	0				
Total	0/0	1	0	0	0	0	0	0				

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

Progress Energy Florida, Inc. <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>	January 1, 2003 to June 30, 2003 <hr/> <div style="text-align: center;">6 Months Ending</div> <hr/> <div style="text-align: center;">919-546-5360</div> <hr/> <div style="text-align: center;">Phone (include area code)</div>
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%	<div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; width: 150px;"></div>

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	591		N/A		218	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	51	0	N/A	N/A	76	3
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	1	0
Observed behavior	0	0	N/A	N/A	5	1
Random	172	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	223	0	N/A	N/A	132	5

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	0					
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Short-Term Contracts	2/1	1	0	0	0	1	0	0					A
Total	2/1	1	0	0	0	1	0	0					4/1