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August 20, 2001

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 January 1, 2001 through June 30, 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
D. J. Ashley, NRR Project Manager - BSEP, Unit Nos. 1 and 2
J. B. Brady, USNRC Senior Resident Inspector - SHNPP, Unit No. 1
N. Kalyanam, NRR Project Manager - SHNPP, Unit No. 1
USNRC Resident Inspector - HBRSEP, Unit No. 2
R. Subbaratnam, NRR Project Manager - HBRSEP, Unit No. 2

A021

USNRC Resident Inspector – CR-3
J. M. Goshen, NRR Project Manager – CR-3
J. A. Sanford - North Carolina Utilities Commission

Fitness For Duty Program

(January 1, 2001 - June 30, 2001)

PERFORMANCE DATA

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

Integration

In December 2000, Carolina Power & Light Company (CP&L) and Florida Power Corporation (FPC) became subsidiaries of Progress Energy. Carolina Power & Light's nuclear plants include Brunswick, Harris, and Robinson. Florida Power Corporation operates the Crystal River Nuclear Plant. This report contains Fitness For Duty (FFD) Program data for each of the plants listed above from CP&L and from FPC.

Health & Human Services (HHS) Certified Laboratory Issue

Corporate FFD notified the four nuclear plant sites on 6/8/2001 that the primary HHS certified laboratory had notified Corporate FFD that a split specimen could not be located to send to the secondary HHS certified laboratory for testing as requested. The split specimen in question was a blind quality control specimen that had been chosen to send to the secondary HHS certified laboratory. The Security organizations at the Brunswick, Crystal River, Harris, and Robinson Plants each made a Safeguards Event Log entry. A significant action report was initiated, and a root cause evaluation was performed. The evaluation determined that an HHS certified laboratory employee had missed a procedure step which required Bottle A and Bottle B to be kept together in the same location. Bottle A was placed in a box designed for non-negative specimens. It was concluded that Bottle B remained in the negative hometray and was destroyed with other negative specimens. The HHS certified laboratory initiated a corrective action to modify their computer system to require Bottle B to be scanned into the computer with Bottle A at the time that bottle matching is performed. This corrective action will ensure that Bottle A and Bottle B will remain together until final disposition.

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 27.9% for Carolina Power & Light (CP&L) Plants (Brunswick, Harris, and Robinson) and 26.8% for Florida Power Corporation (FPC) Crystal River Plant. For CP&L, there were 853 random tests conducted with an average of 3050 workers eligible for testing. For FPC, there were 236 random tests conducted with an average of 880 workers eligible for testing.

The total rate of positive test results for this reporting period for CP&L was approximately 1.05%. There were 21 positive results out of 2002 tests. The positive test results were comprised of 20 pre-access, 1 random, 0 for-cause, and 0 other. Unescorted access for the individuals with confirmed positive tests was denied or revoked, as applicable. The total rate of positive test results for this reporting period for FPC was 0%. There were 0 positive results out of 324 tests.

For this reporting period for CP&L, the positive test rate for employees was 0%, with 0 positive results out of 708 tests. For FPC, the positive test rate for employees was 0% with 0 positive results out of 227 tests.

For this reporting period for CP&L, the positive test rate for contractors was approximately 1.62% with 21 positive results out of 1294 tests. For FPC, the positive test rate was 0% with 0 positive tests out of 97 tests.

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

There were no unsatisfactory blind performance tests 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**

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>	January 1, 2001 to June 30, 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: 15%;">50/15</td> <td style="width: 25%;">Amphetamines</td> <td style="width: 15%;">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%	_____ /
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	910		N/A		379	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	32	0	N/A	N/A	639	8
<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	270	0	N/A	N/A	86	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	302	0	N/A	N/A	725	8

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	0/0	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	1/5	1	0	0	0	1	0	0					A
Total	1/5	1	0	0	0	1	0	0					3/5

**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>	January 1, 2001 to June 30, 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	674		N/A		314	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	34	0	N/A	N/A	160	1
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	0	0
Random	211	0	N/A	N/A	74	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	245	0	N/A	N/A	234	1

Breakdown of Confirmed Positive Tests for Specific Substances

HARRIS

	Marijuana (NRC/CP&L CUTOFF)	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	1	0	0	0	0	0						A
Total	0/0	1	0	0	0	0	0						1/0

**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>	January 1, 2001 to June 30, 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	532		N/A		241	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	14	0	N/A	N/A	266	11
<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	147	0	N/A	N/A	65	1
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	161	0	N/A	N/A	335	12

Breakdown of Confirmed Positive Tests for Specific Substances

ROBINSON

	Marijuana (NRC/CP&L CUTOFF)	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	3/4*	6*	0	0	0	1	0						A
Total	3/4*	6*	0	0	0	1	0						3/11

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

**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>	January 1, 2001 to June 30, 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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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	701		N/A		179	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	23	0	N/A	N/A	65	0
<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	204	0	N/A	N/A	32	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	227	0	N/A	N/A	97	0

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	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