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 MORTON,T.C. Carolina Power & Light Co.
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SUBJECT: Forwards semiannual FFD program performance data for period C
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 TITLE: "Semiannual Fitness for Duty Program Performance Rept/Data" 10CFR26.7E

NOTES:Application for permit renewal filed. 05000400G

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10 CFR 26.71 (d)

Carolina Power & Light Company
PO Box 1551
411 Fayetteville Street Mall
Raleigh NC 27602

February 25, 1999

Serial: PE&RAS-99-015

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

SUBJECT: SEMIANNUAL 10 CFR 26 FITNESS FOR DUTY PROGRAM DATA

Dear Sir or Madam:

Pursuant to 10 CFR 26.71(d), enclosed is Carolina Power & Light Company's (CP&L) semiannual Fitness-For-Duty (FFD) Program performance data.

The enclosed report provides FFD Program performance data for personnel subject to 10 CFR 26, for the period July 1, 1998 through December 31, 1998. An annual effectiveness evaluation is included in the report.

No new commitments have been made in this submittal.

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

Sincerely,

Terry C. Morton
Manager - Performance
Evaluation & Regulatory Affairs

PNM/pnm
Enclosure

c: Mr. J. B. Brady, USNRC Senior Resident Inspector - SHNPP, Unit 1
USNRC Senior Resident Inspector - HBRSEP, Unit 2
Mr. S. C. Flanders, NRR Project Manager - SHNPP, Unit 1
Mr. T. A. Easlick, USNRC Senior Resident Inspector - BSEP, Units 1 and 2
Mr. L. A. Reyes, Regional Administrator - Region II
Chair J. A. Sanford - North Carolina Utilities Commission
Mr. R. Subbaratnam, NRR Project Manager - HBRSEP, Unit 2
Mr. D. C. Trimble, Jr., NRR Project Manager - BSEP, Units 1 and 2

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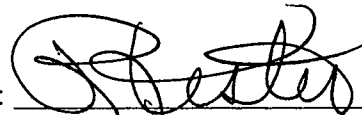
Fitness For Duty Program

(July 1, 1998 - December 31, 1998)

PERFORMANCE DATA

CP&L

Approved: _____



Rich Kester,
Superintendent,
Access Authorization

2/25/99
Date

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

Positive Pre-Access Test Due to an Adulterant

The results of one individual's pre-access Fitness-For-Duty (FFD) test were reported as negative by the testing lab, but with a low Creatinine level. In accordance with the governing procedure, the specimen was sent for gas chromatography/mass spectrometry (GC/MS) testing at limits of detection (LOD). Specimen test results were reported by the lab as adulterated, based on the level of nitrites detected. The Medical Review Officer (MRO), after reviewing the test results and interviewing the individual, interpreted this as a positive test result, and the individual was denied access.

A condition report has been issued to evaluate the feasibility of incorporating a test for adulterants into the standard Carolina Power & Light Company (CP&L) panel performed at the Department of Health and Human Services (HHS)-certified testing laboratories used by CP&L, and/or using commercially available adulteration detection kits during the collection process.

EFFECTIVENESS EVALUATION

Random testing is done 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 31.49%. There were 952 random tests conducted with 3023 workers eligible for testing. The annual testing rate was approximately 66.26% with 2058 random tests conducted with 3106 workers eligible for testing.

For this reporting period, the total rate of positive test results was approximately 0.44%. There were 7 positive results out of 1579 tests. The positive test results were comprised of 4 pre-access, 1 random, 1 for-cause, and 1 other. For the year, the total rate of positive results was approximately 0.39%. There were 15 positive tests results out of 3866 tests. The annual positive tests results were comprised of 11 pre-access, 1 for-cause, 2 random, and 1 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 employees was approximately 0.25%, with 2 positive results out of 805 tests. For this reporting period, the positive test rate for contractors was approximately 0.65%, with 5 positive results out of 774 tests.

For the year, the positive test rate for employees was approximately 0.17%, with 3 positive results out of 1772 tests. For the year, the positive test rate for contractors was approximately 0.57%, with 12 positive results out of 2094 tests.

There were no unsatisfactory blind performance tests during the reporting period.

There were no known or identified abuses of over-the-counter or prescription medication 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> Miriam Smith <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 1998 to December 31, 1998 <hr/> 6 Months Ending 919-546-4942 <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	962		N/A		243	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	23	0	N/A	N/A	73	1*
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	0	0
Random	296	1	N/A	N/A	66	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	319	1	N/A	N/A	139	1

* Pre-access adulterated test interpreted by the MRO as positive

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

A

1/1

* Pre-access adulterated test interpreted by the MRO as positive

**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 Plant <hr/> <div style="text-align: center;">Location</div> Miriam Smith <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 1998 to December 31, 1998 <hr/> 6 Months Ending 919-546-4942 <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	723		N/A		383	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	56	0	N/A	N/A	429	3
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	2	1
Random	276	0	N/A	N/A	130	0
Follow-Up	0	0	N/A	N/A	0	0
Other	1	1*	N/A	N/A	0	0
TOTAL	333	1*	N/A	N/A	561	4

* One General Office employee whose intended employment assignment (FFD Administrator) required FFD testing, but who was not applying for unescorted access; the FFD test was positive for two substances

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	0/1*	1*	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	1/2	0	0	0	0	1	0						A
Total	1/3	1	0	0	0	1	0						3/3

* One General Office employee whose intended employment assignment (FFD Administrator) required FFD testing, but who was not applying for unescorted access; the FFD test was positive for two substances

**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 <hr/> <div style="text-align: center;">Location</div> Miriam Smith <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 1998 to December 31, 1998 <hr/> 6 Months Ending 919-546-4942 <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	585		N/A		127	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	12	0	N/A	N/A	31	0
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	0	0
Random	141	0	N/A	N/A	43	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	153	0	N/A	N/A	74	0

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	0/0	0	0	0	0	0	0						A
Total	0/0	0	0	0	0	0	0						0/0