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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
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:

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

The enclosed report provides FFD Program performance data for personnel subject to the requirements of 10 CFR 26, for the period July 1, 2000 through December 31, 2000.

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
R. J. Laufer, NRR Project Manager - SHNPP, Unit No. 1
USNRC Resident Inspector - HBRSEP, Unit No. 2
R. Subbaratnam, NRR Project Manager - HBRSEP, Unit No. 2
J. A. Sanford - North Carolina Utilities Commission

A021

Fitness For Duty Program

(July 1, 2000 - December 31, 2000)

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 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 33.5%. There were 951 random tests conducted with an average of 2839 workers eligible for testing. The annual testing rate was approximately 58.0% with 1708 random tests conducted with an average of 2947 workers eligible for testing.

For this reporting period, the total rate of positive test results for this reporting period was approximately 0.58%. There were 7 positive results out of 1211 tests. The positive test results were comprised of 6 pre-access, 1 random, 0 for-cause, and 0 other. For the year, the total rate of positive results was approximately 0.53%. There were 16 positive test results out of 3042 tests. The annual positive test results were comprised of 13 pre-access, 2 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, the positive test rate for employees was 0.00%, with 0 positive results out of 766 tests. For this reporting period, the positive test rate for contractors was approximately 1.57%, with 7 positive results out of 445 tests.

For the year, the positive test rate for employees was 0.00% with 0 positive test results out of 1397 tests. For the year, the positive test rate for contractors was approximately 0.97%, with 16 positive results out of 1645 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

On July 5, 2000, CP&L made a 24-hour report to the NRC identifying a licensed operator who admitted that an illegal controlled substance had been used on several occasions during the recent past. Although licensed, the subject individual's license was inactive and he had not performed any licensed duties during the periods disclosed during the investigation. The operator was subsequently denied access.

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

Carolina Power & Light Company	July 1, 2000 to December 31, 2000
Company	6 Months Ending
Brunswick Steam Electric Plant	
Location	
Martha Taylor	919-546-2995
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	911		N/A		261	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	21	0	N/A	N/A	86	0
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	3	0
Random	310	0	N/A	N/A	80	1
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
Total	331	0	N/A	N/A	169	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	0/0	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	1	0	0	0	0	0	0					A
Total	0/0	1	0	0	0	0	0	0					1/0

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

Carolina Power & Light Company	July 1, 2000 to December 31, 2000
Company	6 Months Ending
Shearon Harris Nuclear Power Plant	
Location	
Martha Taylor	919-546-2995
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	686		N/A		306	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	18	0	N/A	N/A	83	4
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	2	0	N/A	N/A	0	0
Random	256	0	N/A	N/A	105	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	276	0	N/A	N/A	188	4

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	0/4	0	0	0	0	0	0						A
Total	0/4	0	0	0	0	0	0						0/4

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

Carolina Power & Light Company	July 1, 2000 to December 31, 2000
Company	6 Months Ending
H. B. Robinson Steam Electric Plant	
Location	
Martha Taylor	919-546-2995
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	548		N/A		127	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	6	0	N/A	N/A	41	2
<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	153	0	N/A	N/A	47	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	159	0	N/A	N/A	88	2

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	0/2	0	0	0	0	0	0						A
Total	0/2	0	0	0	0	0	0						0/2