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 ALEXANDER,D.B. Carolina Power & Light Co.
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SUBJECT: Forwards CP&L semiannual FFD program performance data for
 period 980101 through 980630.Data includes contractor
 personnel subject to 10CFR26.

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10 CFR 26.71 (d)

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

August 27, 1998

Serial: PE&RAS-98-066

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 both CP&L and contractor personnel subject to 10 CFR 26, for the period January 1, 1998 through June 30, 1998. An annual effectiveness evaluation is included in the report.

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

Sincerely,

Donna B. Alexander
Manager - Performance
Evaluation & Regulatory Affairs

PNM/pnm
Enclosure

310070

- 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. C. A. Patterson, 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

9809010321 980827
PDR ADOCK 05000261
R PDR

Fitness For Duty Program

(January 1, 1998 - June 30, 1998)

PERFORMANCE DATA

CP&L

Approved: _____

Rich Kester,

Superintendent - Access Authorization

Date

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

Report of FFD Random Testing Pool Anomaly

One case was identified in which a computer anomaly occurred and a worker was inadvertently not included in the random testing pool for a single draw from that pool. Upon identification of this occurrence, the worker's ID was placed in the data pool from which the random testing list is selected. A Condition Report was initiated, evaluated, and processed in accordance with the Corrective Action Program and an entry was made in the site Safeguards Event Log.

The case involved a new worker that had tested negative on a pre-access FFD analysis. The worker's ID was not in the random pool for the first draw after badging but the worker was included in subsequent draws. There is no evidence that the subject worker was aware of this issue and so could not have modified his/her behavior to benefit from this situation. Therefore, the deterrent for substance abuse remained. Compensatory action has been taken to prevent recurrence until a permanent resolution is implemented.

Report of Random Sample Analysis Concern

The case involved the routine "retest" for Cannabinoid (Marijuana) and Benzoylcegonine (Cocaine Metabolite) at LOD (Limit of Detection), performed by LabCorp on CP&L-provided specimens with low specific gravity and/or low creatinine levels. A sample identification error occurred when a lab technician aliquoting the original specimen for confirmation scanned the bar code ID on the bottle lid rather than the bar code on the side of the sample bottle. Sample lids had apparently been switched, resulting in the sample identification error. A subsequent assessment of the forensic urine drug testing operations was conducted by a consulting Clinical Chemist/Toxicologist to assess this laboratory against the requirements specified in 10 CFR 26, Appendix A. LabCorp of America performance was found to meet NRC guidelines in the areas assessed (with the exception of a finding and an observation which have no negative impact on the overall effectiveness of the testing program).

To prevent recurrence, LabCorp eliminated the use of retest bar codes on bottle lids to ensure the aliquoters scan the bar codes on the sides of the specimen bottles. The individuals involved received disciplinary action for not complying with internal procedures and policies, as written in the Standard Operating Procedures (SOP). LabCorp stated that these individuals would be retrained. No errors or omissions were identified in the consulting Clinical Chemist/Toxicologist's observation of LabCorp's data review process as specified in the SOP and conducted by one of the Certifying Scientists. These remedial actions were considered adequate and highly effective by the consulting Clinical Chemist/Toxicologist in preventing errors of this type in the future.

EFFECTIVENESS EVALUATION

Random testing is done at an annual rate of at least 50% of the workforce in accordance with 10CFR 26.24 (a) (2). The reporting period random testing rate was approximately 34.73%. There were 1108 random tests conducted with 3190 workers eligible for testing.

The total rate of positive test results for this reporting period was approximately 0.35%. There were 8 positive results out of 2289 tests. The positive test results were comprised of 7 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 positive rate for employees was approximately 0.10%. There was 1 positive result out of 969 tests.

The positive test rate for contractors was approximately 0.53%. There were 7 positive results out of 1320 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 Nuclear Plant <hr/> <div style="text-align: center;">Location</div> Miriam Smith <hr/> <div style="text-align: center;">Contact Name</div>	January 1, 1998 - June 30, 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	974		N/A		405	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	42	0	N/A	N/A	307	4
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	1	0	N/A	N/A	0	0
Random	359	0	N/A	N/A	122	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	0
TOTAL	402	0	N/A	N/A	430	4

Breakdown of Confirmed Positive Tests for Specific Substances

BRUNSWICK

	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	1/2	1	0	0	0	0	0						A
Total	1/2	1	0	0	0	0	0						2/2

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

Carolina Power & Light Company	January 1, 1998 - June 30, 1998
Company	6 Months Ending
Harris Nuclear Plant	
Location	
Miriam Smith	919-546-4942
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	728		N/A		243	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	58	1	N/A	N/A	81	0
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	1	0	N/A	N/A	0	0
Random	265	0	N/A	N/A	83	1
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
TOTAL	324	1	N/A	N/A	164	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	1*	0						
Long-Term Contracts	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contracts	1/0	0	0	0	0	0	0						A
Total	1/0	0	0	0	0	1*	0						2/0

* Positive alcohol pre-access test result for CP&L employee applying for unescorted access, but whose normal job is non-nuclear.

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

Carolina Power & Light Company	January 1, 1998 - June 30, 1998
Company	6 Months Ending
Robinson Nuclear Plant	
Location	
Miriam Smith	919-546-4942
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	593		N/A		247	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	34	0	N/A	N/A	654	2
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	1	0	N/A	N/A	0	0
Random	208	0	N/A	N/A	71	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	1	0
TOTAL	243	0	N/A	N/A	726	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