

# CATEGORY 1

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SUBJECT: Forwards fitness for data program performance data for  
 period from 970101-1231.

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NOTES:Application for permit renewal filed.      05000400

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10 CFR 26.71 (d)

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

March 2, 1998

Serial: PE&RAS-98-008

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 July 1, 1997 through December 30, 1997. 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*

Donna B. Alexander  
Manager - Performance  
Evaluation & Regulatory  
Affairs

PNM/pnm  
Enclosure

000001

- c: Mr. J. B. Brady, USNRC Senior Resident Inspector - SHNPP, Unit 1  
Mr. B.B. Desai, 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. J. W. Shea, NRR Project Manager - HBRSEP, Unit 2  
Mr. D. C. Trimble, Jr., NRR Project Manager - BSEP, Units 1 and 2

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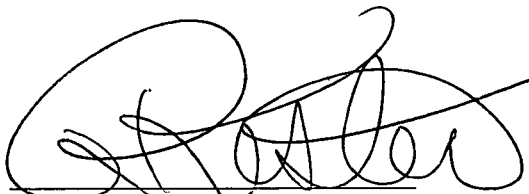
# Fitness For Duty Program

(July 1, 1997 - December 31, 1997)

## PERFORMANCE DATA

**CP&L**

Approved: \_\_\_\_\_

A handwritten signature in black ink, appearing to read 'Rich Kester', is written over a horizontal line.

Rich Kester, Supervisor  
Access Authorization

## SUMMARY OF MANAGEMENT ACTIONS

### Lessons Learned and Actions Taken

#### **REPORT OF RANDOM SAMPLE ANALYSIS CONCERN**

On October 2, 1997, a random sample was collected from a worker and forwarded to the laboratory for testing the same day. The specimen screened negative on the initial test but because of a low creatinine (below .2g/L), a request was made on October 3, 1997 to test the specimen at Lower Limits of Detection (LOD), in accordance with company procedures. The specimen test results were reported to CP&L by the laboratory on October 6, 1997 as positive. The worker then requested that the split sample be tested (at a second laboratory) and the test results were subsequently reported to CP&L on October 9, 1997 as negative. The Medical Review Officer requested a retest of an aliquot of the original specimen be conducted at the primary laboratory. The test results were reported to CP&L on October 10, 1997 as negative.

An investigation was conducted by the laboratory. Although no specific deficiencies were identified that explained the positive result, process enhancements were made by the laboratory.

## 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 reporting period random testing rate was approximately 26.8 %. There were 864 random tests conducted with 3,222 workers eligible for testing. For the year, the annual testing rate was approximately 60.4 % with 2,007 random tests conducted with 3,322 workers eligible for testing.
- The total rate of positive test results for this reporting period was approximately 0.46%. There were 9 positive results out of 1,955 tests. The positive test results were comprised of 8 pre-access, 1 for cause, 0 random, and 0 other. For the year, the total rate of positive test results was approximately 0.64%. There were 26 positive results out of 4,051 tests. The annual positive test results were comprised of 17 pre-access, 3 for cause, 6 random, and 0 other. Unescorted access for individuals with confirmed positive test results was denied or revoked, as applicable.
  - For this reporting period, the positive test rate for employees was 0.0%. There were 0 positive results out of 761 tests. For the year, the positive test rate for employees was approximately 0.23% with 4 positive results out of 1,747 tests.
  - For this reporting period, the positive test rate for contractors was approximately 0.75%. There were 9 positive results out of 1,194 tests. For the year, the positive test rate for contractors was approximately 0.95% with 22 positive results out of 2,304 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 medications 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	July 1, 1997 - December 31, 1997
Company	6 Months Ending
Brunswick Nuclear Plant	
Location	
Fred Underwood	919-546-6180
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	1065		N/A		450	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	27	0	N/A	N/A	864	7
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	1	1
Random	332	0	N/A	N/A	109	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
<b>TOTAL</b>	<b>359</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>974</b>	<b>8</b>

## 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	0/0	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contracts	3/0	3	0	0	0	2	0						A
Total	3/0	3	0	0	0	2	0						8/0



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

Carolina Power & Light Company <hr/> <div style="text-align: center;">Company</div> Harris Nuclear Plant <hr/> <div style="text-align: center;">Location</div> Fred Underwood <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 1997 - December 31, 1997 <hr/> 6 Months Ending    919-546-6180 <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	728		N/A		257	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	48	0	N/A	N/A	78	0
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	1	0	N/A	N/A	1	0
Random	206	0	N/A	N/A	65	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	0	0
<b>TOTAL</b>	<b>255</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>144</b>	<b>0</b>

## 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	0/0	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

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

Carolina Power & Light Company <hr/> <div style="text-align: center;">Company</div> Robinson Nuclear Plant <hr/> <div style="text-align: center;">Location</div> Fred Underwood <hr/> <div style="text-align: center;">Contact Name</div>	July 1, 1997 - December 31, 1997 <hr/> 6 Months Ending   919-546-6180 <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	597		N/A		125	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	21	0	N/A	N/A	48	1
For Cause:						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	1	0
Random	125	0	N/A	N/A	27	0
Follow-Up	0	0	N/A	N/A	0	0
Other	1	0	N/A	N/A	0	0
<b>TOTAL</b>	<b>147</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>76</b>	<b>1</b>

## 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	0/0	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	0	0						1/0