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 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400

AUTH.NAME AUTHOR AFFILIATION  
 ROGAN,R.E. Carolina Power & Light Co.  
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SUBJECT: Forwards semiannual fitness for duty program performance data for period Jul-Dec 1993,per 10CFR26.

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NOTES:Application for permit renewal filed.

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

February 28, 1994

SERIAL: NL&RAS-94-014  
10 CFR 26

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62

SEMIANNUAL 10 CFR 26 FITNESS FOR DUTY PROGRAM DATA

Gentlemen:

Pursuant to 10 CFR 26.71(d), Carolina Power & Light Company (CP&L) hereby provides the required semiannual Fitness For Duty Program performance data.

The enclosed report, submitted on standardized Nuclear Management and Resources Council (NUMARC) forms, provides Fitness For Duty Program performance data for CP&L and contractor personnel subject to 10 CFR 26. This report covers the period July 1, 1993 through December 31, 1993.

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

Sincerely,

  
R. E. Rogan

Manager

Nuclear Licensing and  
Regulatory Affairs

070023

DBB/jbw

Enclosures

cc: Mr. Dayne H. Brown  
Mr. S. D. Ebnetter  
Mr. N. B. Le  
Mr. P. D. Milano

Ms. B. L. Mozafari  
Mr. W. T. Orders  
Mr. R. L. Prevatte  
Mr. J. E. Tedrow

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(2166AGR1)

## CAROLINA POWER & LIGHT COMPANY

Fitness For Duty Program  
July 1, 1993 - December 31, 1993

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### SUMMARY OF MANAGEMENT ACTIONS

- (1) A group of 23 individuals were "For Cause" tested at the Brunswick Plant in June 1993 based on creditable information. A detailed investigation of this occurrence has been provided to the NRC Region II Office. NRC Inspection Report 50-325/94-03 and 50-324/94-03 further addresses this issue.
- (2) On Monday, August 2, 1993, an individual reported for work at the Harris Plant at 11:30 pm. The Security Guard smelled alcohol on the individual and sent him home. Plant procedures for "For Cause" testing were not followed.

The Security Guard should have notified the individual's supervisor or the Control Room where the decision to "For Cause" test would have been made. The Security Manager has communicated to Security Personnel the expectations regarding administering "For Cause" chemical testing.

**CAROLINA POWER & LIGHT COMPANY**

Fitness For Duty Program  
July 1, 1993 - December 31, 1993

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**Actions Taken To Correct Program Weaknesses**

None

**CAROLINA POWER & LIGHT COMPANY**

Fitness For Duty Program  
July 1, 1993 - December 31, 1993

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**Events Reported by Telephone Under 10 CFR 26.73**

None

## **CAROLINA POWER & LIGHT COMPANY**

Fitness For Duty Program  
July 1, 1993 - December 31, 1993

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### **Events Reported To The NRC, For Information Purposes**

CP&L discovered a false positive test by the laboratory during this reporting period. This was discovered prior to discussing the presumptive positive with the individual. The test result was reported as negative to the individual.

A random sample screened negative for drugs, however, due to the low creatinine level, "special processing" using Limit of Quantification (LOQ) was conducted. The LOQ was positive for cocaine. As a result of a positive LOQ test, an aliquot was tested by a second laboratory with negative results. Following this, the first laboratory retested the specimen with negative results.

The primary laboratory was unable to clearly identify the cause of this false positive; however, four potential reasons were identified:

- 1) improper use of pasteur pipette
- 2) not maintaining a clean extraction area for GC/MS
- 3) improper use of the extraction box
- 4) switching of specimens

### **Corrective/Preventive Actions**

The laboratory has implemented a procedure to compare the special processing test results to other tests of the same sample prior to the release of the report. Had this been done prior to the releasing of this report of this test, the laboratory would have seen that this specimen had been tested twice with both positive and negative results which would have initiated an investigation by the laboratory to determine the cause of the conflicting test results.

A detailed investigation of this occurrence was conducted and transmitted to the Nuclear Regulatory Commission Document Control Desk on October 1, 1993.

## **CAROLINA POWER & LIGHT COMPANY**

**Fitness For Duty Program  
July 1, 1993 - December 31, 1993**

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### **Effectiveness Evaluation**

- The rate of random testing during this reporting period was 55.6% (2,823 random tests conducted with 5,080 workers eligible for testing).
- The 1993 annual random testing rate was 110% (5,759 random tests conducted with 5,235 workers eligible for testing for year 1993)
- There were no known or identified abuses of over-the-counter or prescription medicines during this reporting period.
- There were no unsatisfactory blind Performance Tests during this reporting period.
- Availability of primaries for random testing was 80.25% during this reporting period.
- Total rate of tested violations for this reporting period was .21% (9 violations/4,264 tests). There were no violations by employees and 9 violations by contractors or .35% (9 violations/2,600 tests).
- Total rate of tested violations for 1993 was .22% (18 violations/8285 test). There were 7 violations by employees or .20% (7 violations/3,370 tests) and 11 violations by contractors or .22% (11 violations/4915 tests).
- Employee utilization of the EAP is at an annual rate of 3.8%.
- There was one Fitness For Duty violation at the Harris Plant resulting from the employee consuming alcohol during the five hour period prior to reporting to scheduled work.

**CAROLINA POWER & LIGHT COMPANY**

Fitness For Duty Program  
July 1, 1993 - December 31, 1993

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**Appeals**

None



**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26**

Carolina Power & Light Company		July 1, 1993 - December 31, 1993	
Company		6 Months Ending	
Brunswick Plant			
Location			
Fred Underwood		(919) 546-6180	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol (% BAC)	/

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1137		N/A		1164	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		87	0	N/A	N/A	356	1
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	1	0	N/A	N/A	0	0
Random		580	0	N/A	N/A	685	2
Follow-up		0	0	N/A	N/A	0	0
Other		2	0	N/A	N/A	0	0
Total		670	0	N/A	N/A	1041	3

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphe- lamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contractors	1	1	0	0	0	1	2						A
Total	1	1	0	0	0	1	2						5

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26**

Carolina Power & Light Company _____ Company		July 1, 1993 December 31, 1993 _____ 6 Months Ending
Robinson Plant _____ Location		
Fred Underwood _____ Contact Name		(919) 546-6180 _____ Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	/	Amphetamines / _____ /
Cocaine	/	Phencyclidine / _____ /
Opiates	/	Alcohol (% BAC) / _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		612		N/A		601	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		21	0	N/A	N/A	822	5
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	1	0	N/A	N/A	2	0
Random		291	0	N/A	N/A	371	1
Follow-up		0	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		313	0	N/A	N/A	1195	6

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contractors	0	5	0	0	0	1	0						A
Total	0	5	0	0	0	1	0						6

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26**

Carolina Power & Light Company		July 1, 1993 December 31, 1993	
Company  Harris Plant		6 Months Ending	
Location  Fred Underwood		(919) 546-6180	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol (% BAC)	/

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		768		N/A		345	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		12	0	N/A	N/A	74	0
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	1	0
Random		405	0	N/A	N/A	253	0
Follow-up		3	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		420	0	N/A	N/A	328	0

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Ampheta- mines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contractors	0	0	0	0	0	0	0						A
Total	0	0	0	0	0	0	0						0

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26**

Carolina Power & Light Company		July 1, 1993 - December 31, 1993	
Company		6 Months Ending	
General Office			
Location			
Fred Underwood		(919) 546-6180	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol (% BAC)	/

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		453		N/A		0 *	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		49	0	N/A	N/A	10	0
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	0	0
Random		212	0	N/A	N/A	26	0
Follow-up		0	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		261	0	N/A	N/A	36	0

\* All General Office contractors are included in the Plant averages where they are badged.

**REV. 1/92**

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Short-Term Contractors	0	0	0	0	0	0	0						A
Total	0	0	0	0	0	0	0						0