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SUBJECT: Forwards semiannual fitness for duty program performance
 data for period Jul - Dec 1992.

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Carolina Power & Light Company

MAR 01 1993

SERIAL: NLS-93-058
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, 1992 through December 31, 1992.

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

Yours very truly,

David C. McCarthy
Manager

Nuclear Licensing Section

DBB/jbw

050040

Enclosures

cc: Mr. S. D. Ebnetter	Ms. B. L. Mozafari
Mr. L. W. Garner	Mr. R. L. Prevatte
Mr. N. B. Le	Mr. J. E. Tedrow
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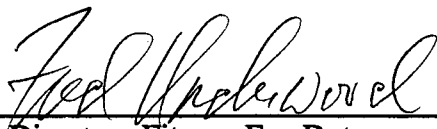
CAROLINA POWER & LIGHT COMPANY

Fitness For Duty Program

(July 1, 1992 - December 31, 1992)

PERFORMANCE DATA

Approved: _____



Director, Fitness For Duty

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned & Actions Taken

- (1) An earlier courier pickup has been negotiated which will mean that test results will be received earlier at the HHS Laboratory, with the test results then being received at CP&L the next morning after the courier picks up the specimens. This will decrease the turnaround time by approximately 24 hours.
- (2) During this testing period a "For Cause" test was conducted on a Saturday. The individual tested positive for alcohol at levels of .043% (first instrument) and .040% (confirmatory instrument). The individual did request a blood draw. The blood specimen was not delivered to the HHS Laboratory until the following Tuesday a.m. Because of the elapsed time between the initial blood draw and its delivery to the HHS Laboratory there was a concern that the blood specimen may not test positive at .040% because of normal degradation. However, the HHS Laboratory did confirm a positive blood test. As a result of this event, arrangements have been made with a courier for a dedicated pickup for these special types of situations on an as needed basis, where a blood specimen would otherwise be delayed in getting to the HHS Laboratory after it is drawn. This will facilitate earlier testing at the HHS Laboratory and may help to ensure a higher level of test results.

CAROLINA POWER & LIGHT COMPANY

Fitness For Duty Program
July 1, 1992 - December 31, 1992

Actions Taken To Correct Program Weaknesses

None

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

Events Reported by Telephone Under 10 CFR 26.73

(1) On July 7, 1992, at approximately 6 p.m. EST, a Licensed Reactor Operator at the Brunswick Nuclear Plant reported to his supervisor, prior to assuming his normal duties, that he had committed a significant Fitness For Duty event by smoking marijuana on July 4, 1992. At the time of the occurrence, the employee was off-duty and also was not at the plant site. The Licensed Reactor Operator was asked to undergo a chemical test which did confirm the presence of marijuana.

Upon reporting this to his supervisor, his unescorted access was immediately denied and the Licensed Reactor Operator was referred to the EAP for a Fitness For Duty evaluation. This event was determined to have been an isolated occurrence and on July 22, 1992, the Licensed Reactor Operator returned to work outside the protected area but under behavioral observation. Following his re-badging, the Licensed Reactor Operator resigned on November 12, 1992 for reasons other than those relating to this event.

This event was reported to the NRC Operations Center under 10 CFR 26.73 on July 8, 1992, at 5:59 p.m. EST, and also reported to the NRC in accordance with 10 CFR 55.25.

(2) On July 30, 1992, 9:05 a.m. EST, a Security Guard, while monitoring the search line at the Brunswick Nuclear Plant, detected the odor of alcohol on a Contract Supervisor (Superintendent - Maintenance). The supervisor was subsequently "For-Cause" tested under the Company's Fitness For Duty Program, confirming a positive breath alcohol test. The drug test results were negative. The supervisor was removed from site immediately and permanently denied access to CP&L nuclear facilities.

This event was reported to the NRC Operations Center under 10 CFR 26.73 on July 31, 1992, at 8:58 a.m., EST.

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

Events Reported by Telephone Under 10 CFR 26.73

(3) On August 31, 1992, 3:20 p.m. EST, the Company's Medical Review Officer confirmed a random drug test as positive on a Contract Security Supervisor at the Harris Nuclear Plant. The substance detected was marijuana. The supervisor was immediately denied access to the plant site following the MRO Conference Call and subsequently permanently denied access to CP&L nuclear facilities.

This event was reported to the NRC Operations Center under 10 CFR 26.73 on August 31, 1992, at 5:40 p.m. EST.

(4) On October 20, 1992, 10 a.m. EST, the Company's Medical Review Officer confirmed a random drug test as positive on a Contract Electrical Coordinator (Supervisor) at the Robinson Nuclear Plant. The substance detected was marijuana. The supervisor was immediately denied access to the plant site following the MRO conference call and was subsequently permanently denied access to CP&L nuclear facilities.

This event was reported to the NRC Operations Center under 10 CFR 26.73 on October 20, 1992, at 12:54 p.m. EST.

(5) On November 14, 1992, at 10:55 a.m. EST, during a random chemical test, a contract Security Shift Sergeant at Robinson Nuclear Plant tested positive on the breath alcohol test. A blood specimen was drawn and subsequently confirmed the positive breath test. The MRO confirmed the test as positive on November 23, 1992, at 11:00 a.m. EST. The supervisor was immediately denied access to the plant site following the MRO conference call and was subsequently permanently denied access to CP&L nuclear facilities.

This event was reported to the NRC Operations Center under 10 CFR 26.73 on November 23, 1992, at 12:54 p.m. EST.

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

Events Reported to the NRC, For Information Purposes

(1) On November 24, 1992, an Instrumentation & Control technician reported for work at the Harris Nuclear Plant at about 6:30 p.m. EST, at which time a Security Guard thought he smelled alcohol on the employee. (This was noticed before the employee entered into the protected area.) The Security Guard on three occasions tried to administer a breath alcohol screening test (on a non-evidentiary grade breath machine) to the employee. The breath alcohol device registered a "system error" on all three occasions. At this time the employee stated "that he would just go home and call in sick". The employee then left site.

Lessons Learned

The security guard, after suspecting the employee may have been under the influence of alcohol, should have reported this to the Shift Supervisor, who then would have initiated a "For-Cause" Test under the Company's Fitness For Duty Program. After further investigation, the employee admitted to violating the Fitness For Duty Program by consuming alcohol in the 5-hour period preceding scheduled work. Pending investigation of this incident, the employee's access was denied and he was evaluated by the EAP and was subsequently entered into a treatment center. The employee was assessed as Fit-For-Duty and returned to work on January 21, 1993.

This event was reported to Region II on November 25, 1992, via telephone, for information purposes.

(2) On July 18, 1992, a Licensed Reactor Operator at Brunswick Nuclear Plant was involved in an incident which lead to his being hospitalized. At the time of the occurrence, the employee was off-duty and at home. The employee's spouse notified the employee's supervisor the same day of the occurrence. The employee's unescorted access was immediately suspended and the EAP intervened. This incident was also reported pursuant to 10 CFR 55.25 on August 12, 1992.

Once the employee was determined to be Fit-For-Duty, he returned to work in an unbadged status outside the protected area, and remained under behavioral observation for approximately three months before being re-badged and returning to normal duties on December 14, 1992.

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

Effectiveness Evaluation

- The rate of random testing during this reporting period was 55% (3,109 random tests conducted with 5,661 workers eligible for testing).
- The 1992 annual random testing rate was 110.7% (5,754 random tests conducted with 5,200 workers eligible for testing).
- There were no abuses of over-the-counter or prescription medicines during this reporting period.
- There were no unsatisfactory Performance Tests during this reporting period.
- Availability of primaries for random testing was 85.3% during this reporting period.
- Total rate of violations for this reporting period was .68% (38 violations/5,578 tests). There were two violations by employees or .11% (2 violations/1,726 tests) and 36 violations by contractors or .93% (36 violations/3,852 tests).
- Total rate of violations for 1992 was approximately .54% (56 violations/10,239 tests). There were 7 violations by employees or .19% (7 violations/3,515 tests) and 49 violations by contractors or approximately .72% (49 violations/6,724 tests).
- Employee utilization of the EAP continues to be at an annualized rate of 3.5% to 5.0%.

CAROLINA POWER & LIGHT COMPANY

**Fitness For Duty Program
July 1, 1992 - December 31, 1992**

Appeals

There was one appeal by a contract employee at the Brunswick Plant during this reporting period. The appeal by the contract employee was based on the fact that he was a diabetic and was taking several medications which must have resulted in an unknown pharmacological reaction causing a confirmed positive test. The substance that the individual tested positive for was marijuana. The appeal was heard by the Appeals Panel on December 16, 1992, and was subsequently denied. The contract employee remains permanently denied access to CP&L facilities.

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

CAROLINA POWER & LIGHT COMPANY		July 1, 1992 - December 31, 1992	
Company		6 Months Ending	
Robinson Plant			
Location			
Greg Newsome		803-383-1207	
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		605		N/A		381	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		20	0	N/A	N/A	99	1
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	1	1 *
Random		295	1	N/A	N/A	220	2
Follow-up		0	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		315	1	N/A	N/A	320	4

* One refusal to participate.

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Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	1	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	2	0	0	0	0	1	1						A
Total	2	1	0	0	0	1	1						5

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

CAROLINA POWER & LIGHT COMPANY		July 1, 1992 - December 31, 1992	
Company		6 Months Ending	
Harris Plant			
Location			
Bonnie Overman		(919) 362-3546	
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		779		N/A		605	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		13	0	N/A	N/A	698	5
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	2	1
Random		438	0	N/A	N/A	353	4
Follow-up		2	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		453	0	N/A	N/A	1,053	10

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	3	4	0	0	0	3	0						
Total	3	4	0	0	0	3	0						10

A

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

CAROLINA POWER & LIGHT COMPANY		July 1, 1992 - December 31, 1992	
Company		6 Months Ending	
Brunswick Plant			
Location			
Susan Kelly		(919) 457-2138	
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		1,076		N/A		1,780	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		59	0	N/A	N/A	1,448	13
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	2	0	N/A	N/A	8	4 *
Random		606	1	N/A	N/A	906	5
Follow-up		0	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		667	1	N/A	N/A	2,362	22

* One refusal to participate

REV. 1/92

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	9	1	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	15	4	0	0	0	3	1						A
Total	15	5	0	0	0	3	1						24

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

CAROLINA POWER & LIGHT COMPANY		July 1, 1992 - December 31, 1992	
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		435		N/A		0*	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		71	0	N/A	N/A	45	0
For Cause	Post accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	0	0
Random		219	0	N/A	N/A	72	0
Follow-up		0	0	N/A	N/A	0	0
Other		0	0	N/A	N/A	0	0
Total		290	0	N/A	N/A	117	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	Amphe- tamines	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