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Carolina Power & Light Company

PO Box 1551
411 Fayetteville Street Mall
Raleigh NC 27602

August 29, 1996

10 CFR 26.71 (d)

Serial: PE&RAS-96-052

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, and covers the period January 1, 1996 through June 30, 1996. 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,

T. D. Walt
Manager - Performance
Evaluation & Regulatory Affairs

PNM/pnm
Enclosure

030074

- c: Mr. J. B. Brady, USNRC Resident Inspector - SHNPP, Unit 1
Mr. S. D. Ebnetter, Regional Administrator - Region II
Mr. N. B. Le, NRR Project Manager - SHNPP, Unit 1
Ms. B. L. Mozafari, NRR Project Manager - HBRSEP, Unit 2
Mr. W. T. Orders, USNRC Resident Inspector - HBRSEP, Unit 2
Mr. C. A. Patterson, USNRC Senior Resident Inspector - BSEP, Units 1 and 2
Mr. D. C. Trimble, Jr., NRR Project Manager - BSEP, Units 1 and 2
The Honorable H. Wells - North Carolina Utilities Commission

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Fitness For Duty Program

(January 1, 1996 - June 30, 1996)

PERFORMANCE DATA

CP&L

Approved: Arlene S. Graves 8/28/96

Arlene S. Graves
Fitness for Duty Program
Administrator

SUMMARY OF MANAGEMENT ACTIONS

Lessons Learned and Actions Taken

CP&L selected a vendor to provide onsite pre-screening services to support outage in-processing at the Brunswick Steam Electric Plant. These pre-screening services began on January 8, 1996, and were suspended by CP&L on January 16, 1996, after discovering errors in the vendor's processing. On February 19, 1996, by letter PE&RAS-96-019, CP&L provided an informational report to the NRC regarding these pre-screening processing deficiencies. The report included corrective actions completed and those actions to be taken prior to using vendor pre-screening services.

On April 4, 1996, the NRC issued two Notices of Violation for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2, regarding onsite pre-screening operations (NRC Inspection Report Nos. 50-325/96-03 and 50-324/96-03).

A Severity Level III violation was issued for failure of testing facility personnel to identify a presumptive positive pre-screening test in two instances. A Severity Level IV violation cited two instances in which specimens with low specific gravity were not sent to the HHS Lab for further testing; nor was recollection of specimens conducted under direct observation. CP&L responded to the Notices of Violation on May 3, 1996, by letter PE & RAS-96-030.

Corrective Actions Taken

As a result of the identified vendor pre-screening issues, the Fitness for Duty program was revised, effective June 28, 1996, to include the following changes:

Section 9.16.3 of SEC-NGGC-2140⁽¹⁾ specifies actions to strengthen onsite pre-screening operations; and

Section 9.17 of SEC-NGGC-2140 provides specific guidance on processing low specific gravity specimens when onsite testing is utilized, and more detailed guidance regarding exercising discretion when determining if there is reason to believe a sample may have been altered.

⁽¹⁾ The Fitness for Duty program document, Fitness for Duty Program Policies and Procedures, was rewritten to CP&L Nuclear Generation Group Standard Procedure format, and was designated SEC-NGGC-2140, Fitness for Duty Program.

EFFECTIVENESS EVALUATION

- The reporting period random testing rate was approximately 34.9%. There were 1,321 random tests conducted with 3,788 workers eligible for testing.
- The total rate of positive test results for this reporting period was approximately 1.0%. There were 25 positive results out of 2,486 tests. The positive test results were comprised of 19 pre-access, 5 random, and 1 other. Unescorted access for individuals with confirmed positive test results was denied or revoked, as applicable.
 - The positive test rate for employees was approximately 0.4%. There were 5 positive results out of 1,197 tests.
 - The positive test rate for contractors was approximately 1.6%. There were 20 positive results out of 1,289 tests.
- Glutaraldehyde, an adulterant, was determined to be present in one of the 20 contract worker samples which tested positive.
- 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

- On March 22, 1996, at 1130, a CP&L manager, who had been granted unescorted access was confirmed positive during a random alcohol test. The manager did not request further confirmation by blood draw. The manager's access to the plant site was revoked on March 22, 1996. This event was reported to the NRC Operations Center under 10 CFR 26.73 (a) (2) on March 22, 1996, at 1619.
- On April 18, 1996, 0930, the Company Medical Review Officer (MRO) confirmed a random test as positive on a CP&L supervisor. The substance identified 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's nuclear facilities. This event was reported to the NRC Operations Center in accordance with 10 CFR 26.73 (a) (2) on April 18, 1996, at 1614.

Events Reported for Informational Purposes

- On April 24, 1996, at 1535, CP&L notified the NRC Region II by telephone of one FFD confirmed positive test for marijuana for a contract worker on April 24, 1996, who was being processed to work in the Access Authorization/Fitness for Duty Programs. This individual's contract employment with CP&L was immediately terminated, and the individual was denied unescorted access to CP&L's nuclear facilities.

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

Carolina Power & Light Company	January 1, 1996 - June 30, 1996
Company	6 Months Ending
Brunswick Nuclear Plant	
Location	
Arlene S. Graves	919-546-2335
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	1184		N/A		679	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	89	1	N/A	N/A	841	11
<u>For Cause:</u>						
Post accident	0	0	N/A	N/A	0	0
Observed behavior	0	0	N/A	N/A	1	0
Random	466	0	N/A	N/A	169	1
Follow-Up	0	0	N/A	N/A	0	0
Other	2	0	N/A	N/A	3	1
TOTAL	557	1	N/A	N/A	1014	13

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	0/1	0	0	0	0	0	0						
Long-Term Contracts	0/0	0	0	0	0	0	0						
Short-Term Contracts	2/7	1	0	0	0	3	3						
Total	2/8	1	0	0	0	3	3						A 9/8

Note: "Refusal to test" is included in the total in Box "A" but does not qualify as a confirmed positive result for reporting purposes in the rest of this report.

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

Carolina Power & Light Company	January 1, 1996 - June 30, 1996
Company	6 Months Ending
Harris Nuclear Plant	
Location	
Arlene S. Graves	919-546-2335
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	813		N/A		276	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	68	0	N/A	N/A	104	7
<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	337	1	N/A	N/A	78	0
Follow-Up	0	0	N/A	N/A	0	0
Other	0	0	N/A	N/A	2	0
TOTAL	405	1	N/A	N/A	184	7

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	1	0	0	0	0	0						
Long-Term Contracts	0/0	0	0	0	0	0	0						
Short-Term Contracts	2/3	2	0	0	0	0	0						
Total	2/3	3	0	0	0	0	0						A 5/3

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

Carolina Power & Light Company	January 1, 1996 - June 30, 1996
Company	6 Months Ending
Robinson Nuclear Plant	
Location	
Arlene S. Graves	919-546-2335
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	666		N/A		170	
CATEGORIES	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	20	0	N/A	N/A	34	0
<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	214	3	N/A	N/A	57	0
Follow-Up	0	0	N/A	N/A	0	0
Other	1	0	N/A	N/A	0	0
TOTAL	235	3	N/A	N/A	91	0

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	1/1	1	0	0	0	1	0						
Long-Term Contracts	0/0	0	0	0	0	0	0						
Short-Term Contracts	0/0	0	0	0	0	0	0						
Total	1/1	1	0	0	0	1	0						A 3/1

Note: One individual tested positive for two substances.