

**Florida
Power**
CORPORATION

August 23, 1990
3F0890-15

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

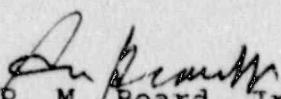
Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
10 CFR Part 26, "Fitness-For-Duty"
Program Performance Data (6 month Report)

Dear Sir:

Title 10, Code of Federal Regulations, Part 26, Section 71(d), requires licensees to submit within sixty (60) days after each six month period a report of Fitness-For-Duty program performance data.

Florida Power Corporation (FPC) hereby submits a compilation of Fitness-For-Duty (FFD) program performance data for the period of January through June, 1990.

Sincerely,


P. M. Beard, Jr.
Senior Vice President
Nuclear Operations

PMB/GMF

Attachment

xc: Regional Administrator, Region II
Senior Resident Inspector

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FLORIDA POWER CORPORATION
DOCKET NO. 50-302

FITNESS FOR DUTY PERFORMANCE DATA
(6 MONTH REPORT)

The attached report contains the following information:

1. random testing rate;
2. drugs tested for and cutoff levels, including results of tests using lower cutoff levels and test for other drugs;
3. workforce populations tested;
4. numbers of tests and results by population and type of test (i.e., prebadging, random, for-cause, etc.);
5. substances identified;
6. summary of management actions; and
7. a list of events reported.

Florida Power Corporation's performance data forms are separated into 5 groups. The Groups are as follows:

- Group A - indicates pre-access, for-cause and follow-up testing of FPC employees and for-cause and follow-up testing of contract personnel at a lower cutoff level than what is specified in Part 26.
- Group B - represents a contractor with an approved FFD program, performing pre-access testing, using a different panel of drugs and different cutoff levels.
- Group C - represents a contractor with an approved FFD program, performing pre-access testing, using different cutoff levels for their panel of drugs.
- Group D - represents several contractors with approved FFD programs and other contractors using an approved outside service to perform pre-access testing using different cutoff levels
- Group E - indicates random testing for all FPC employees and contract personnel with unescorted access and emergency Technical Support Center (TSC) and Emergency Operations Facility (EOF) access.



FITNESS FOR DUTY PERFORMANCE DATA (10 CFR PART 26)

Docket No. 50-302

PERIOD: FROM 01/03/90 TO 06/30/90

TEST RESULTS

GROUP A		CLASS OF DRUGS AND ALCOHOL CUTOFF LEVELS USED			
	INITIAL SCREEN	CONFIRMATORY		INITIAL SCREEN	CONFIRMATORY
Amphetamines	1000 ng/ml		Methaqualone	300 ng/ml	200 ng/ml
*Amphetamine		500 ng/ml	Opiates	300 ng/ml ²	
*Methamphetamine		500 ng/ml	*Morphine		300 ng/ml
Barbiturates ⁴	300 ng/ml	200 ng/ml	*Codeine		300 ng/ml
Benzodiazepines ⁵	300 ng/ml	200 ng/ml	Phencyclidine	25 ng/ml	25 ng/ml
Cocaine Metabolites	300 ng/ml	150 ng/ml ¹	Propoxyphene	300 ng/ml	200 ng/ml
Marijuana Metabolites	50 ng/ml	15 ng/ml ²			
Methadone	300 ng/ml	200 ng/ml	ALCOHOL	0.04% BAC	

⁴ As Secobarb
⁵ As Oxazepam

¹ Benzoylcegonine
² Delta-9-tetrahydrocannabinol-9-carboxylic Acid
³ 25 ng/ml if immunoassay specific for free morphine

CATEGORY	LICENSEE EMPLOYEES		CONTRACTOR EMPLOYEES	
	NO. TESTED	NO. POSITIVE	NO. TESTED	NO. POSITIVE
Pre-Access	770	9	N/A	N/A
For Cause	1	0	1	1
Follow-up	0	0	0	0

Licenses Employees	Number Positive for Marijuana at 50 ng/ml	7	Estimated Number Positive for Marijuana at 100 ng/ml	2
Contractor Employees	Number Positive for Marijuana at 50 ng/ml	0	Estimated Number Positive for Marijuana at 100 ng/ml	0

GROUP C		CLASS OF DRUGS AND ALCOHOL CUTOFF LEVELS USED			
	INITIAL SCREEN	CONFIRMATORY		INITIAL SCREEN	CONFIRMATORY
Amphetamines	700 ng/ml		Methaqualone	300 ng/ml	150 ng/ml
*Amphetamine		500 ng/ml	Opiates	300 ng/ml ²	
*Methamphetamine		500 ng/ml	*Morphine		300 ng/ml
Barbiturates ⁴	300 ng/ml	100 ng/ml	*Codeine		300 ng/ml
Benzodiazepines ⁵	300 ng/ml	200 ng/ml	Phencyclidine	25 ng/ml	25 ng/ml
Cocaine Metabolites	300 ng/ml	150 ng/ml ¹	Propoxyphene	300 ng/ml	150 ng/ml
Marijuana Metabolites	50 ng/ml	10 ng/ml ²			
Methadone	300 ng/ml	150 ng/ml	ALCOHOL	0.04% BAC	

⁴ As Secobarb
⁵ As Oxazepam

¹ Benzoylcegonine
² Delta-9-tetrahydrocannabinol-9-carboxylic Acid
³ 25 ng/ml if immunoassay specific for free morphine

CATEGORY	CONTRACTOR EMPLOYEES	
	NO. TESTED	NO. POSITIVE
Pre-Access	0	0

GROUP B		CLASS OF DRUGS AND ALCOHOL CUTOFF LEVELS USED			
	INITIAL SCREEN	CONFIRMATORY		INITIAL SCREEN	CONFIRMATORY
Amphetamines	1000 ng/ml		Methaqualone		
*Amphetamine		500 ng/ml	Opiates	300 ng/ml ²	
*Methamphetamine		500 ng/ml	*Morphine		300 ng/ml
Barbiturates ⁴			*Codeine		300 ng/ml
Benzodiazepines ⁵			Phencyclidine	25 ng/ml	25 ng/ml
Cocaine Metabolites	300 ng/ml	150 ng/ml ¹	Propoxyphene		
Marijuana Metabolites	20 ng/ml	15 ng/ml ²			
Methadone			ALCOHOL	0.04% BAC	

⁴ As Secobarb
⁵ As Oxazepam

¹ Benzoylcegonine
² Delta-9-tetrahydrocannabinol-9-carboxylic Acid
³ 25 ng/ml if immunoassay specific for free morphine

CATEGORY	CONTRACTOR EMPLOYEES	
	NO. TESTED	NO. POSITIVE
Pre-Access	134	0

GROUP D		CLASS OF DRUGS AND ALCOHOL CUTOFF LEVELS USED			
	INITIAL SCREEN	CONFIRMATORY		INITIAL SCREEN	CONFIRMATORY
Amphetamines	1000 ng/ml		Methaqualone		
*Amphetamine		500 ng/ml	Opiates	300 ng/ml ²	
*Methamphetamine		500 ng/ml	*Morphine		300 ng/ml
Barbiturates ⁴			*Codeine		300 ng/ml
Benzodiazepines ⁵			Phencyclidine	25 ng/ml	25 ng/ml
Cocaine Metabolites	300 ng/ml	150 ng/ml ¹	Propoxyphene		
Marijuana Metabolites	50 ng/ml	15 ng/ml ²			
Methadone			ALCOHOL	0.04% BAC	

⁴ As Secobarb
⁵ As Oxazepam

¹ Benzoylcegonine
² Delta-9-tetrahydrocannabinol-9-carboxylic Acid
³ 25 ng/ml if immunoassay specific for free morphine

CATEGORY	CONTRACTOR EMPLOYEES	
	NO. TESTED	NO. POSITIVE
Pre-Access	1383	50

NOTE: Groups A through D indicate testing at different cutoff levels and/or testing for substances which exceed those required by 10CFR Part 26. Group E indicate random testing.



FITNESS FOR DUTY PERFORMANCE DATA (10 CFR PART 26)

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PERIOD: FROM 01/03/90 TO 06/30/90

TEST RESULTS (CONTINUED)

GROUP E	CLASS OF DRUGS AND ALCOHOL CUTOFF LEVELS USED			
	INITIAL SCREEN	CONFIRMATORY	INITIAL SCREEN	CONFIRMATORY
Amphetamines	100 ¹ ng/ml		Opiates	300 ng/ml ²
*Amphetamine		500 ng/ml	*Morphine	300 ng/ml
*Methamphetamine		500 ng/ml	*Codeine	300 ng/ml
Cocaine Metabolites	30 ng/ml	150 ng/ml ³	Phencyclidine	25 ng/ml 25 ng/ml
Marijuana - tetraolites	50 ng/ml	15 ng/ml ²	ALCOHOL 0.04% BAC	

CATEGORY	LICENSEE EMPLOYEES		CONTRACTOR EMPLOYEES	
	NO. TESTED	NO. POSITIVE	NO. TESTED	NO. POSITIVE
RANDOM	596	2	389	4

	Number Positive for Marijuana at 50 ng/ml	Estimated Number Positive for Marijuana at 100 ng/ml
Licensee Employees	1	0
Contractor Employees	1	0

¹ Benzoyllec. nitro ² Delta-9-tetrahydrocannabinol-9-carboxylic Acid
³ 25 ng/ml if immunoassay specific for free morphine

Composite Results (Groups A + B + C + D + E)

CATEGORIES	LICENSEE EMPLOYEES		CONTRACTOR EMPLOYEES		TOTAL	
	NO. TESTED	NO. POSITIVE	NO. TESTED	NO. POSITIVE	NO. TESTED	NO. POSITIVE
PRE-ACCESS	770	9	1517	50	2287	59
RANDOM	596	2	389	4	985	6
FOR CAUSE	1	0	1	1	2	1
FOLLOW-UP	0	0	0	0	0	0

RANDOM TEST POOL

Average No. of Personnel W/Unescorted Access 1868 (Licensee 1092) (Contractor 776)

* Average No. of Personnel W/O Unescorted Access 6

Average Pool Total for reporting period 1874

* Those personnel required to report to TSC or EOF in accordance with emergency plans and procedures.

Random Test Rate = $\frac{\text{Total Tested}}{\text{Total in Pool}} = \frac{985}{1874} = 52.6\%$

NUMBER CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

CLASS OF CHEMICAL	GROUPS					TOTAL
	A	B	C	D	E	
Amphetamine				1		1
Methamphetamine						
Barbiturates						
Benzodiazepines	1					1
Cocaine Metabolites **				3		3
Marijuana Metabolites **	7			35	2	44
Methadone						
Methaqualone						
Morphine				11		11
Codeine						
Phencyclidine				1		1
Propoxyphene						
Alcohol	2				4	6

**1 person tested positive for both drugs in Group D.



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MANAGEMENT ACTIONS

Events Reported

1. On April 19, 1990 FPC informed the NRC Operations Center that a supervisor assigned to perform duties within the scope of 10 CFR 26 had tested positive for alcohol.
2. By letter dated May 10, 1990, FPC submitted 3 reports of unsatisfactory blind performance testing incidents. The reports showed that one incident occurred in January 1990, and two occurred in March 1990. The results of 3 positive blind test samples (Samples spiked with drugs for which FPC is testing) were certified by the HHS laboratory to contain no drugs.

Program Weaknesses & Corrective Actions

During an NRC trial inspection, the NRC requested FPC to revisit its random testing program, specifically in the areas of backshift, holiday and weekend testing. FPC revised its FFD program to include backshift, holiday and weekend testing of employees.

Summary (Other Actions)

Pre-Access (FPC): All pre-access candidates with positive drug and alcohol screen were denied access. (Denied employment).

For Cause (FPC): One employee tested for cause - drug and alcohol screen results were negative. The individual was interviewed by the MRO.



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MANAGEMENT ACTIONS
(CONTINUED)

For Cause (Contractor): Contractor employee tested for cause and found to have positive alcohol screen. The following actions were taken:

1. Access authorization immediately revoked.
2. Contract employee interviewed by MRO. MRO determined the test result was valid.
3. Contract employee referred to (Contractor) management for referral to EAP.

Random Testing (FPC):

For Employees Testing Positive For Marijuana:

1. Employee's access authorization immediately revoked (permanently).
2. Employee interviewed by MRO. MRO determined test results valid.
3. Employment terminated.

For Employees Testing Positive for Alcohol:

1. Employee's access authorization immediately revoked.
2. Employee interviewed by MRO. Test result deemed valid.
3. Employee referred to EAP for evaluation.

Random Testing (Contractor):

For Contract Employees Testing Positive For Marijuana:

1. Employee's access authorization immediately revoked (permanently).
2. Employee refused to be interviewed by MRO. MRO determined test result valid.
3. Employee removed from FPC property and referred to (Contractor) management.



FITNESS FOR DUTY PERFORMANCE DATA (10 CFR PART 26)

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PERIOD: FROM 01/03/90 TO 06/30/90

MANAGEMENT ACTIONS (CONTINUED)

For Contract Employee Testing Positive For Alcohol:

1. Employee's access authorization immediately revoked.
2. All employees interviewed by MRO. Test results deemed valid.
3. All employees were referred to (contractor) management for referral to EAP.

Pre-Access (Contractor): Those persons testing positive were denied access.

NOTE: Contractors/Vendors perform their own pre-access drug and alcohol screening.