



Duke Power
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February 25, 2004

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

Subject: Duke Energy Corporation
Fitness-For-Duty Program
Performance Data Reports
Oconee Nuclear Station, Docket Nos. 50-269, -270, -287
McGuire Nuclear Station, Docket Nos. 50-369, -370
Catawba Nuclear Station, Docket Nos. 50-413, -414

Pursuant to 10 CFR 26.71(d), enclosed are the subject reports for Duke Energy Corporation's Oconee, McGuire and Catawba Nuclear Stations and the General Office. The reporting period covered by this transmittal is July 1, 2003 through December 31, 2003.

Based on quantitative analysis accumulated from the testing laboratory results which are recorded and maintained in Duke's Fitness for Duty database, this data is considered to be complete, accurate and consistent with industry and Duke Energy program expectations.

Questions regarding these reports should be directed to Peter R. Fowler at 704-382-6188 or Dana Boies at 704-382-1694.

Sincerely,

H. B. Barron
Executive Vice President
Chief Nuclear Officer

Attachment

A-021

U. S. Nuclear Regulatory Commission
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cc: w/attachment

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

DUKE POWER COMPANY	12/31/03
Company	6 Month Ending
Catawba Nuclear Station	
Location	
Anita Barnette	(704) 382-4904
Contact Name	Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml) Appendix A to 10 CFR 26

Marijuana	50 ng/ml / 15 ng/ml	Amphetamines	1000 ng/ml / 500 ng/ml	_____ /
Cocaine	300 ng/ml / 150 ng/ml	Phencyclidine	25 ng/ml / 25 ng/ml	_____ /
Opiates	300 ng/ml / 300 ng/ml	Alcohol (%BAC)	.04	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Average Number with Unescorted Access	1251				335	
Pre-Access	21	0			310	4
For Cause – Post Accident	2	0			0	0
For Cause – Observed Behavior	2	0			4	2
Random	343	0			116	0
Follow-up	22	2			0	0
Other	2	0			0	0
Total	392	2			430	6

Breakdown of Confirmed Positive Tests for Specific Substances – Catawba Nuclear Station
(for 6 Month Ending 12/31/03)

	Marijuana (1)	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol (1)	Refusal To Test	1	2	3	4	5	
Licensee Employees	1	1	0	0	0	0	0						
Long-Term Contractors													
Short-Term Contractors	4	0	0	0	0	2	0						
Total	5	1	0	0	0	2	0						8

A

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Catawba Nuclear Station)
for 6 Month Ending 12/31/03**

Summary of Management Actions:

(Include initiatives taken, lessons learned, effectiveness evaluation, etc. as appropriate.)

Note (1):

Duke Power has more restrictive cut-off levels for Alcohol and Marijuana. In the past, Duke Power has shown this detail on the Performance Data Report's first sheet. Beginning with the semi-annual report (period ending 06/30/01), Duke Power will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke Power's cut-off level. This detailed report for the period ending 12/31/03 is attached (see Attachment B).

Note (2):

Duke Power randomly tests at a rate of at least 50% of the pool population.

Summary Listing of Events Reported Under 10 CFR 26.73:

Date of Event	Position of Individual Involved	How Discovered	Substance Detected	Management Actions Taken
None during this reporting period				

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Catawba Nuclear Station)
6 Month Ending – 12/31/03**

POSITIVE Cut-Off Level Detail Report (NRC / Duke Level)

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Average Number with Unescorted Access	1251					335		
Pre-Access	21	NRC 0	Duke 0			310	NRC 3	Duke 1
For Cause – Post Accident	2	0	0			0	0	0
For Cause – Observed Behavior	2	0	0			4	2	0
Random	343	0	0			116	0	0
Follow-up	22	1	1			0	0	0
Other	2	0	0			0	0	0
Total	392	1	1			430	5	1

SUBSTANCE Cut-Off Level Detail Report (NRC / Duke Level)

	Marijuana (1)		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol (1)		Refusal to Test	1	2	3	4	5	TOTAL
	NRC	Duke					NRC	Duke							
Licensee Employees	0	1	1	0	0	0	0	0	0						2
Long-Term Contractors															
Short-Term Contractors	3	1	0	0	0	0	2	0	0						6
Total	3	2	1	0	0	0	2	0	0						8

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

DUKE POWER COMPANY	12/31/03
Company	6 Month Ending
McGuire Nuclear Station	
Location	
Anita Barnette	(704) 382-4904
Contact Name	Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml) Appendix A to 10 CFR 26

Marijuana	50 ng/ml / 15 ng/ml	Amphetamines	1000 ng/ml / 500 ng/ml	_____ /
Cocaine	300 ng/ml / 150 ng/ml	Phencyclidine	25 ng/ml / 25 ng/ml	_____ /
Opiates	300 ng/ml / 300 ng/ml	Alcohol (%BAC)	.04	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Average Number with Unescorted Access	1325				274	
Pre-Access	35	0			617	7
For Cause – Post Accident	2	0			1	0
For Cause – Observed Behavior	0	0			2	1
Random	346	0			99	1
Follow-up	12	0			2	1
Other	2	0			0	0
Total	397	0			721	10

**Breakdown of Confirmed Positive Tests for Specific Substances – McGuire Nuclear Station
(for 6 Month Ending 12/31/03)**

	Marijuana (1)	Cocaine	Opiates	Amph- tamines	Phency- clidine	Alcohol (1)	Refusal To Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors													
Short-Term Contractors	6	1	0	1	0	0	2						
Total	6	1	0	1	0	0	2						10

A

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for McGuire Nuclear Station)
for 6 Month Ending 12/31/03**

Summary of Management Actions:

(Include initiatives taken, lessons learned, effectiveness evaluation, etc. as appropriate.)

Note (1):

Duke Power has more restrictive cut-off levels for Alcohol and Marijuana. In the past, Duke Power has shown this detail on the Performance Data Report's first sheet. Beginning with the semi-annual report (period ending 06/30/01), Duke Power will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke Power's cut-off level. This detailed report for the period ending 12/31/03 is attached (see Attachment B).

Note (2):

Duke Power randomly tests at a rate of at least 50% of the pool population.

Summary Listing of Events Reported Under 10 CFR 26.73:

Date of Event	Position of Individual Involved	How Discovered	Substance Detected	Management Actions Taken
None during this reporting period				

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for McGuire Nuclear Station)
6 Month Ending – 12/31/03**

POSITIVE Cut-Off Level Detail Report (NRC / Duke Level)

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Average Number with Unescorted Access	1325					274		
Pre-Access	35	NRC 0	Duke 0			617	NRC 6	Duke 1
For Cause – Post Accident	2	0	0			1	0	0
For Cause – Observed Behavior	0	0	0			2	1	0
Random	346	0	0			99	1	0
Follow-up	12	0	0			2	1	0
Other	2	0	0			0	0	0
Total	397	0	0			721	9	1

SUBSTANCE Cut-Off Level Detail Report (NRC / Duke Level)

	Marijuana (1)		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol (1)		Refusal to Test	1	2	3	4	5	TOTAL
	NRC	Duke					NRC	Duke							
Licensee Employees	0	0	0	0	0	0	0	0	0						0
Long-Term Contractors															
Short-Term Contractors	5	1	1	0	1	0	0	0	2						10
Total	5	1	1	0	1	0	0	0	2						10

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

12/31/03

DUKE POWER COMPANY

Company

6 Month Ending

Oconee Nuclear Station

Location

Anita Barnette

(704) 382-4904

Contact Name

Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml) Appendix A to 10 CFR 26

Marijuana	50 ng/ml / 15 ng/ml	Amphetamines	1000 ng/ml / 500 ng/ml	_____ /
Cocaine	300 ng/ml / 150 ng/ml	Phencyclidine	25 ng/ml / 25 ng/ml	_____ /
Opiates	300 ng/ml / 300 ng/ml	Alcohol (%BAC)	.04	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Average Number with Unescorted Access	1424				1229	
Pre-Access	22	0			1595	10
For Cause – Post Accident	3	0			4	0
For Cause – Observed Behavior	0	0			6	3
Random	359	1			320	3
Follow-up	18	0			11	0
Other	2	0			0	0
Total	404	1			1936	16

Breakdown of Confirmed Positive Tests for Specific Substances – Oconee Nuclear Station
(for 6 Month Ending 12/31/03)

	Marijuana (1)	Cocaine	Opiates	Ampheta- mines	Phency- clidine	Alcohol (1)	Refusal To Test	1	2	3	4	5	
Licensee Employees	0	0	0	1	0	0	0						
Long-Term Contractors													
Short-Term Contractors	5	3	0	3	0	2	3						
Total	5	3	0	4	0	2	3						17

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Oconee Nuclear Station)
for 6 Month Ending 12/31/03**

Summary of Management Actions:

(Include initiatives taken, lessons learned, effectiveness evaluation, etc. as appropriate.)

Note (1):

Duke Power has more restrictive cut-off levels for Alcohol and Marijuana. In the past, Duke Power has shown this detail on the Performance Data Report's first sheet. Beginning with the last semi-annual report (period ending 06/30/01), Duke Power will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke Power's cut-off level. This detailed report for the period ending 12/31/03 is attached (see Attachment B).

Note (2):

Duke Power randomly tests at a rate of at least 50% of the pool population.

Summary Listing of Events Reported Under 10 CFR 26.73:

Date of Event	Position of Individual Involved	How Discovered	Substance Detected	Management Actions Taken
Screened 11/12/03	Contract Supv	Random drug/alcohol screen	Cocaine	Confirmed positive on 11/17/03; individual's unescorted access was restricted immediately and subsequently terminated; event was reported to Oconee's Nuclear Compliance Group for reporting purposes; reported to NRC on 11/18/03 at 1105.

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Oconee Nuclear Station)
for 6 Month Ending 12/31/03**

POSITIVE Cut-Off Level Detail Report (NRC / Duke Level)

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Average Number with Unescorted Access	1424					1229		
Pre-Access	22	NRC 0	Duke 0			1595	NRC 7	Duke 3
For Cause – Post Accident	3	0	0			4	0	0
For Cause – Observed Behavior	0	0	0			6	3	0
Random	359	1	0			320	2	1
Follow-up	18	0	0			11	0	0
Other	2	0	0			0	0	0
Total	404	1	0			1936	12	4

SUBSTANCE Cut-Off Level Detail Report (NRC / Duke Level)

	Marijuana (1)		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol (1)		Refusal to Test	1	2	3	4	5	TOTAL
	NRC	Duke					NRC	Duke							
Licensee Employees	0	0	0	0	1	0	0	0	0						1
Long-Term Contractors															
Short-Term Contractors	2	3	3	0	3	0	2	0	3						16
Total	2	3	3	0	4	0	2	0	3						17

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

12/31/03

DUKE POWER COMPANY

Company

6 Month Ending

General Office

Location

Anita Barnette

(704) 382-4904

Contact Name

Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml) Appendix A to 10 CFR 26

Marijuana	50 ng/ml / 15 ng/ml	Amphetamines	1000 ng/ml / 500 ng/ml	_____ /
Cocaine	300 ng/ml / 150 ng/ml	Phencyclidine	25 ng/ml / 25 ng/ml	_____ /
Opiates	300 ng/ml / 300 ng/ml	Alcohol (%BAC)	.04	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Average Number with Unescorted Access	367					
Pre-Access	46	1			2 (3)	0
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	95	1			0	0
Follow-up	5	1			0	0
Other	2	0			0	0
Total	148	3			2 (3)	0

Breakdown of Confirmed Positive Tests for Specific Substances – Duke Power Company General Office
(for 6 Month Ending 12/31/03)

	Marijuana (1)	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol (1)	Refusal To Test	1	2	3	4	5	
Licensee Employees	2	1	0	0	0	0	0						
Long-Term Contractors													
Short-Term Contractors	0	0	0	0	0	0	0						
Total	2	1	0	0	0	0	0						3

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Duke Power Company General Office)
for 6 Month Ending 12/31/03**

Summary of Management Actions:

(Include initiatives taken, lessons learned, effectiveness evaluation, etc. as appropriate.)

Note (1):

Duke Power has more restrictive cut-off levels for Alcohol and Marijuana. In the past, Duke Power has shown this detail on the Performance Data Report's first sheet. Beginning with the last semi-annual report (period ending 06/30/01), Duke Power will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke Power's cut-off level. This detailed report for the period ending 12/31/03 is attached (see Attachment B).

Note (2):

Duke Power randomly tests at a rate of at least 50% of the pool population.

Note (3):

Duke Power Company approved the Pre-Access Testing portion of Westinghouse's Fitness for Duty Program effective August 3, 1999. The 2 Pre-Access screens reported under "Short Term Contractor Personnel" are being reported with Duke Power Company performance data as a result of accepting Westinghouse's program.

Summary Listing of Events Reported Under 10 CFR 26.73:

Date of Event	Position of Individual Involved	How Discovered	Substance Detected	Management Actions Taken
None during this reporting period				

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Duke Power Company General Office)
for 6 Month Ending 12/31/03**

POSITIVE Cut-Off Level Detail Report (NRC / Duke Level)

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Categories		NRC	Duke				NRC	Duke
Average Number with Unescorted Access	367							
Pre-Access	46	1	0			2 (3)	0	0
For Cause – Post Accident	0	0	0			0	0	0
For Cause – Observed Behavior	0	0	0			0	0	0
Random	95	0	1			0	0	0
Follow-up	5	1	0			0	0	0
Other	2	0	0			0	0	0
Total	148	2	1			2 (3)	0	0

SUBSTANCE Cut-Off Level Detail Report (NRC / Duke Level)

	Marijuana (1)		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol (1)		Refusal to Test	1	2	3	4	5	TOTAL
	NRC	Duke					NRC	Duke							
Licensee Employees	1	1	1	0	0	0	0	0	0						3
Long-Term Contractors															
Short-Term Contractors															
Total	1	1	1	0	0	0	0	0	0						3