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U.S. Nuclear Regulatory Commission  
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Washington, DC 20555-0001

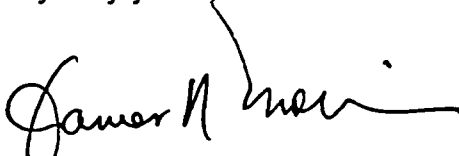
Subject: Duke Energy Corporation  
Oconee Nuclear Station, Units 1, 2, and 3  
NRC Docket Nos. 50-269, 50-270, 50-287  
McGuire Nuclear Station, Units 1 and 2  
NRC Docket Nos. 50-369, 50-370  
Catawba Nuclear Station, Units 1 and 2  
NRC Docket Nos. 50-413, 50-414  
Fitness-For-Duty Program Performance Data Reports

Pursuant to 10 CFR 26.71(d), enclosed are the Fitness-For-Duty Program Performance Data Reports for Duke Energy Corporation (Duke) Oconee, McGuire and Catawba Nuclear Stations and the General Office. The reporting period covered by this transmittal is July 1, 2005 through December 31, 2005.

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 program expectations.

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

Very truly yours,



James R. Morris

Attachments

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xc:

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Oconee Nuclear Station

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E. F. Guthrie  
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Catawba Nuclear Station

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

12/31/05	
<b>DUKE POWER</b>	
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	
Average Number with Unescorted Access	1233				511	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	60	0			347	1
For Cause – Post Accident	0	0			2	0
For Cause – Observed Behavior	1	0			2	1
Random	384 (2)	1			182 (2)	1
Follow-up	16	1			7	0
Other	3	0			0	0
<b>Total</b>	464	2			540	3

**Breakdown of Confirmed Positive Tests for Specific Substances – Catawba Nuclear Station**  
**(for 6 Month Ending 12/31/05)**

	Marijuana (1)	Cocaine	Opiates	Amphe- tamines	Phency- clidine	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	1	1	0	0	0	1	0					
Total	2	2	0	0	0	1	0					5

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Catawba Nuclear Station)  
for 6 Month Ending 12/31/05**

**Summary of Management Actions:**

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

**General Note:**

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

**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 12/31/05 is attached (see Attachment B).

**Note (2):**

Duke Power has included Random Pre-Access screen numbers in the total random numbers on the initial sheet. The number of Random Pre-Access has been broken out on the detailed report (see Attachment B).

**Summary Listing of Events Reported Under 10 CFR 26.73:**

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

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Catawba Nuclear Station)  
6 Month Ending – 12/31/05**

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

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
Average Number with Unescorted Access	1233					511		
Average Number in Random – Pre-Access Pool	3					21		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	60	NRC 0	Duke 0			347	NRC 0	Duke 1
For Cause – Post Accident	0	0	0			2	0	0
For Cause – Observed Behavior	1	0	0			2	1	0
Random - Badged	370	1	0			170	1	0
Random – Pre Access	14 (2)	0	0			12 (2)	0	0
Follow-up	16	1	0			7	0	0
Other	3	0	0			0	0	0
<b>Total</b>	464	2	0			540	2	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	1	0	1	0	0	0	0	0	0						2
Long-Term Contractors															
Short-Term Contractors	1	0	1	0	0	0	0	1	0						3
<b>Total</b>	2	0	2	0	0	0	0	1	0						5

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

12/31/05	
<b>DUKE POWER</b>	
Company	6 Month Ending
McGuire Nuclear Station	
Location	
Anita Barnette	(704) 382-4904
Contact Name	Phone (Include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10 CFR 26	
<b>Marijuana</b> 50 ng/ml / 15 ng/ml <b>Cocaine</b> 300 ng/ml / 150 ng/ml <b>Opiates</b> 300 ng/ml / 300 ng/ml	<b>Amphetamines</b> 1000 ng/ml / 500 ng/ml <b>Phencyclidine</b> 25 ng/ml / 25 ng/ml <b>Alcohol (%BAC)</b> .04

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1307				361	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	54	0			708	6
For Cause – Post Accident	1	0			4	1
For Cause – Observed Behavior	0	0			1	0
Random	383 (2)	1			140 (2)	2
Follow-up	21	0			2	0
Other	1	0			1	0
<b>Total</b>	<b>460</b>	<b>1</b>			<b>856</b>	<b>9</b>

**Breakdown of Confirmed Positive Tests for Specific Substances – McGuire Nuclear Station**  
**(for 6 Month Ending 12/31/05)**

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

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for McGuire Nuclear Station)  
for 6 Month Ending 12/31/05**

**Summary of Management Actions:**

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

**General Note:**

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

**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 12/31/05 is attached (see Attachment B).

**Note (2):**

Duke Power has included Random Pre-Access screen numbers in the total random numbers on the initial sheet. The number of Random Pre-Access has been broken out on the detailed report (see Attachment B).

**Summary Listing of Events Reported Under 10 CFR 26.73:**

<b>Date of Event</b>	<b>Position of Individual Involved</b>	<b>How Discovered</b>	<b>Substance Detected</b>	<b>Management Actions Taken</b>
None during this reporting period.				

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for McGuire Nuclear Station)  
6 Month Ending – 12/31/05**

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

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
Average Number with Unescorted Access	1307					361		
Average Number in Random – Pre-Access Pool	3					21		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	54	NRC 0	Duke 0			708	NRC 3	Duke 3
For Cause – Post Accident	1	0	0			4	1	0
For Cause – Observed Behavior	0	0	0			1	0	0
Random - Badged	366	1	0			121	2	0
Random – Pre-Access	17 (2)	0	0			19 (2)	0	0
Follow-up	21	0	0			2	0	0
Other	1	0	0			1	0	0
<b>Total</b>	460	1	0			856	6	3

**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	1	0	0	0	0	0	0						1
Long-Term Contractors															
Short-Term Contractors	2	3	4	0	0	0	0	0	0						9
<b>Total</b>	2	3	5	0	0	0	0	0	0						10

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

12/31/05	
<b>DUKE POWER</b>	
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

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

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1363				756	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	56	0			579	4
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			3	2
Random	381 (2)	1			243 (2)	1
Follow-up	7	0			9	0
Other	1	0			1	0
<b>Total</b>	<b>445</b>	<b>1</b>			<b>835</b>	<b>7</b>

**Breakdown of Confirmed Positive Tests for Specific Substances – Oconee Nuclear Station**  
**(for 6 Month Ending 12/31/05)**

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

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Oconee Nuclear Station)  
for 6 Month Ending 12/31/05**

Summary of Management Actions:

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

**General Note:**

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

**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 12/31/05 is attached (see Attachment B).

**Note (2):**

Duke Power has included Random Pre-Access screen numbers in the total random numbers on the initial sheet. The number of Random Pre-Access has been broken out on the detailed report (see Attachment B).

Summary Listing of Events Reported Under 10 CFR 26.73:

<b>Date of Event</b>	<b>Position of Individual Involved</b>	<b>How Discovered</b>	<b>Substance Detected</b>	<b>Management Actions Taken</b>
Screened 10/06/05	Operations Shift Supervisor	Random drug/alcohol screen	Alcohol	Confirmed positive on 10/06/05 at Duke Power's more stringent cut off level (below .04); unescorted access was restricted immediately; referred to EAP for assessment; individual attended recommended inpatient treatment program; submitted a return to work screen with negative results; individual's access restriction was removed; individual was placed in random follow-up drug/alcohol screening program; event was reported to Oconee's Nuclear Compliance Group for reporting purposes; reported to NRC on 10/06/05 at 1553.

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Oconee Nuclear Station)  
for 6 Month Ending 12/31/05**

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

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
Average Number with Unescorted Access	1363					756		
Average Number in Random Pre-Access Pool	2					27		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	56	NRC 0	Duke 0			579	NRC 2	Duke 2
For Cause – Post Accident	0	0	0			0	0	0
For Cause – Observed Behavior	0	0	0			3	2	0
Random - Badged	372	0	1			227	0	1
Random – Pre-Access	9 (2)	0	0			16 (2)	0	0
Follow-up	7	0	0			9	0	0
Other	1	0	0			1	0	0
<b>Total</b>	<b>445</b>	<b>0</b>	<b>1</b>			<b>835</b>	<b>4</b>	<b>3</b>

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

	Marijuana (1)		Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol (1)		Refusal to Test	1	2	3	4	5	TOTAL
	NRC	Duke					NRC	Duke							
Licensee Employees	0	0	0	0	0	0	0	1	0						1
Long-Term Contractors															
Short-Term Contractors	2	2	1	0	0	0	1	1	0						7
<b>Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>						<b>8</b>

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

<b>DUKE POWER</b> <hr/> Company  General Office <hr/> Location  Anita Barnette <hr/> Contact Name	12/31/05 <hr/> 6 Month Ending    (704) 382-4904 <hr/> Phone (Include area code)
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Cutoffs: Screen/Confirmation (ng/ml)    ☐ Appendix A to 10 CFR 26

<b>Marijuana</b> 50 ng/ml / 15 ng/ml <b>Cocaine</b> 300 ng/ml / 150 ng/ml <b>Opiates</b> 300 ng/ml / 300 ng/ml	<b>Amphetamines</b> 1000 ng/ml / 500 ng/ml <b>Phencyclidine</b> 25 ng/ml / 25 ng/ml <b>Alcohol (%BAC)</b> .04	_____ / _____ / _____ /
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Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	338					
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	27	0			0 (3)	0
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	105 (2)	0			0	0
Follow-up	0	0			0	0
Other	0	0			0	0
<b>Total</b>	132	0			0 (3)	0

**Breakdown of Confirmed Positive Tests for Specific Substances – Duke Power Company General Office**  
**(for 6 Month Ending 12/31/05)**

	Marijuana (1)	Cocaine	Opiates	Amphe- 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	0	0	0	0	0	0	0						
Total	0	0	0	0	0	0	0						0

**A**



**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Duke Power Company General Office)  
for 6 Month Ending 12/31/05**

Summary of Management Actions:

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

General Note:

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

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 12/31/05 is attached (see Attachment B).

Note (2):

Duke Power has included Random Pre-Access screen numbers in the total random numbers on the initial sheet. The number of Random Pre-Access has been broken out on the detailed report (see Attachment B).

Note (3):

Duke Power Company approved the Pre-Access Testing portion of Westinghouse's Fitness for Duty Program effective August 3, 1999. The 0 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:

<b>Date of Event</b>	<b>Position of Individual Involved</b>	<b>How Discovered</b>	<b>Substance Detected</b>	<b>Management Actions Taken</b>
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 12/31/05**

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

Testing Results	Licensee Employees			Long-Term Contractor Personnel		Short-Term Contractor Personnel		
Average Number with Unescorted Access	338							
Average Number in Random Pre-Access Pool	2							
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	27	NRC 0	Duke 0			0 (3)	NRC 0	Duke 0
For Cause – Post Accident	0	0	0			0	0	0
For Cause – Observed Behavior	0	0	0			0	0	0
Random - Badged	98	0	0			0	0	0
Random – Pre-Access	7 (2)	0	0			0	0	0
Follow-up	0	0	0			0	0	0
Other	0	0	0			0	0	0
Total	132	0	0			0 (3)	0	0

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

	Marijuana (1)		Cocaine	Opiates	Amphetamine	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	0	0	0	0	0	0	0	0	0						0
Total	0	0	0	0	0	0	0	0	0						0