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

Subject: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC  
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), Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke) hereby submits the Fitness-For-Duty Program Performance Data Reports for Oconee, McGuire and Catawba Nuclear Stations and the General Office. The reporting period covered by this submittal is January 1, 2006 through June 30, 2006.

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.

This correspondence contains no regulatory commitments. 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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Catawba Nuclear Station

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

Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke)

06/30/06

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>	.011-.039	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1350		NA		852	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	86	0			470	6
For Cause – Post Accident	4	0			3	0
For Cause – Observed Behavior	1	0			2	1
Random	388 (2)	0			258 (2)	2
Follow-up	12	0			10	0
Other	1	0			1	0
<b>Total</b>	<b>492</b>	<b>0</b>			<b>744</b>	<b>9</b>

Rev. 1/92

**Breakdown of Confirmed Positive Tests for Specific Substances – Oconee Nuclear Station**  
**(for 6 Month Ending 06/30/06)**

	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	4	2	0	2	0	1	0						
Total	4	2	0	2	0	1	0						9

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Oconee Nuclear Station)  
for 6 Month Ending 06/30/06**

Summary of Management Actions:

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

General Note:

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

Note (1):

Duke has more restrictive cut-off levels for Alcohol (due to range of extrapolation) and Marijuana. In the past, Duke has shown this detail on the Performance Data Report's first sheet. Beginning with the last semi-annual report (period ending 05/30/01), Duke will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke's cut-off level. This detailed report for the period ending 06/30/06 is attached (see Attachment B).

Note (2):

Duke 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 Oconee Nuclear Station)  
for 6 Month Ending 06/30/06**

**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	1350			NA		852		
Average Number in Random Pre-Access Pool	5			NA		35		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	86	NRC 0	Duke 0			470	NRC 5	Duke 1
For Cause – Post Accident	4	0	0			3	0	0
For Cause – Observed Behavior	1	0	0			2	1	0
Random - Badged	373	0	0			242	1	1
Random – Pre-Access	15 (2)	0	0			16 (2)	0	0
Follow-up	12	0	0			10	0	0
Other	1	0	0			1	0	0
<b>Total</b>	492	0	0			744	7	2

**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	0	0						0
Long-Term Contractors															
Short-Term Contractors	2	2	2	0	2	0	1	0	0						9
<b>Total</b>	2	2	2	0	2	0	1	0	0						9

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

Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke)

06/30/06

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

<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>	.011-.039	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1308		NA		303	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	98	0			154	1
For Cause – Post Accident	4	0			2	0
For Cause – Observed Behavior	1	0			0	0
Random	396 (2)	1			114 (2)	1
Follow-up	13	0			1	0
Other	1	0			0	0
<b>Total</b>	<b>513</b>	<b>1</b>			<b>271</b>	<b>2</b>

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**Breakdown of Confirmed Positive Tests for Specific Substances – McGuire Nuclear Station**  
**(for 6 Month Ending 06/30/06)**

	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	2	0	0	0	0	0	0						
Total	2	0	0	0	0	1	0						3

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for McGuire Nuclear Station)  
for 6 Month Ending 06/30/06**

**Summary of Management Actions:**

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

**General Note:**

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

**Note (1):**

Duke has more restrictive cut-off levels for Alcohol (due to range of extrapolation) and Marijuana. In the past, Duke has shown this detail on the Performance Data Report's first sheet. Beginning with the semi-annual report (period ending 05/30/01), Duke will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke's cut-off level. This detailed report for the period ending 06/30/06 is attached (see Attachment B).

**Note (2):**

Duke 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 – 06/30/06**

**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	1308			NA		303		
Average Number in Random – Pre-Access Pool	5			NA		13		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	98	NRC 0	Duke 0			154	NRC 0	Duke 1
For Cause – Post Accident	4	0	0			2	0	0
For Cause – Observed Behavior	1	0	0			0	0	0
Random - Badged	379	0	1			94	0	1
Random – Pre-Access	17 (2)	0	0			20 (2)	0	0
Follow-up	13	0	0			1	0	0
Other	1	0	0			0	0	0
<b>Total</b>	<b>513</b>	<b>0</b>	<b>1</b>			<b>271</b>	<b>0</b>	<b>2</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	0	2	0	0	0	0	0	0	0						2
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>						<b>3</b>

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

Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke)

06/30/06

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

<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>	.011-.039	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1230		NA		748	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	79	0			849	6
For Cause – Post Accident	3	0			16	0
For Cause – Observed Behavior	1	0			1	0
Random	403 (2)	1			243 (2)	0
Follow-up	27	0			4	0
Other	1	0			0	0
<b>Total</b>	<b>514</b>	<b>1</b>			<b>1113</b>	<b>6</b>

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**Breakdown of Confirmed Positive Tests for Specific Substances – Catawba Nuclear Station**  
**(for 6 Month Ending 06/30/06)**

	Marijuana (1)	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol (1)	Refusal To Test	1	2	3	4	5	
Licensee Employees	1	0	0	0	0	0	0						
Long-Term Contractors													
Short-Term Contractors	2	2	0	1	0	1	0						
Total	3	2	0	1	0	1	0						7

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Catawba Nuclear Station)  
for 6 Month Ending 06/30/06**

Summary of Management Actions:

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

**General Note:**

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

**Note (1):**

Duke has more restrictive cut-off levels for Alcohol (due to range of extrapolation) and Marijuana. In the past, Duke has shown this detail on the Performance Data Report's first sheet. Beginning with the semi-annual report (period ending 05/30/01), Duke will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke's cut-off level. This detailed report for the period ending 6/30/06 is attached (see Attachment B).

**Note (2):**

Duke 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 – 06/30/06**

**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	1230			NA		748		
Average Number in Random – Pre-Access Pool	5			NA		42		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	79	NRC 0	Duke 0			849	NRC 5	Duke 1
For Cause – Post Accident	3	0	0			16	0	0
For Cause – Observed Behavior	1	0	0			1	0	0
Random - Badged	385	1	0			228	0	0
Random – Pre Access	18 (2)	0	0			15 (2)	0	0
Follow-up	27	0	0			4	0	0
Other	1	0	0			0	0	0
<b>Total</b>	<b>514</b>	<b>1</b>	<b>0</b>			<b>1113</b>	<b>5</b>	<b>1</b>

**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	0	0	0	0	0	0	0						1
Long-Term Contractors															
Short-Term Contractors	1	1	2	0	1	0	1	0	0						6
<b>Total</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>						<b>7</b>

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

**Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke)**

**06/30/06**

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

<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>	.011-.039	_____ /

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	333		NA		NA (3)	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	37	0			20 (4)	0
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	112 (2)	0			0	0
Follow-up	2	0			0	0
Other	1	0			0	0
<b>Total</b>	<b>152</b>	<b>0</b>			<b>20 (4)</b>	<b>0</b>

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**Breakdown of Confirmed Positive Tests for Specific Substances – Duke General Office**  
**(for 6 Month Ending 06/30/06)**

	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

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26  
(for Duke General Office)  
for 6 Month Ending 06/30/06**

Summary of Management Actions:

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

**General Note:**

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

**Note (1):**

Duke has more restrictive cut-off levels for Alcohol (due to range of extrapolation) and Marijuana. In the past, Duke 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 will provide a more detailed report that will indicate positive test results confirmed at the NRC cut-off level and Duke's cut-off level. This detailed report for the period ending 06/30/06 is attached (see Attachment B).

**Note (2):**

Duke 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 is reporting data from an approved contractor/vendor FFD program (Westinghouse) to do pre-access drug/alcohol screens only. Therefore, there is no data available for the "Average Number with Unescorted Access" field for the General Office Performance Data Report because Duke General Office does not have a vendor/contractor random pool; this data is reflected in the three nuclear site Performance Data Reports.

**Note (4):**

Duke approved the Pre-Access Testing portion of Westinghouse's Fitness for Duty Program effective August 3, 1999. The 20 Pre-Access screens reported under "Short Term Contractor Personnel" are being reported with Duke 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 General Office)  
for 6 Month Ending 06/30/06**

**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	333			NA		NA (3)		
Average Number in Random Pre-Access Pool	3			NA		NA (3)		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	37	NRC 0	Duke 0			20 (4)	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	97	0	0			0	0	0
Random – Pre-Access	15 (2)	0	0			0	0	0
Follow-up	2	0	0			0	0	0
Other	1	0	0			0	0	0
<b>Total</b>	152	0	0			20 (4)	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	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
<b>Total</b>	0	0	0	0	0	0	0	0	0						0