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August 24, 2005

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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 January 1, 2005 through June 30, 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,

Henry B. Barron

Attachments

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xc:

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

06/30/05	
DUKE POWER	
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	1194				450	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	78	0			221	2
For Cause – Post Accident	4	0			4	0
For Cause – Observed Behavior	1	0			0	0
Random	334 (2)	2			144 (2)	1
Follow-up	18	0			12	0
Other	3	0			1	0
Total	438	2			382	3

Breakdown of Confirmed Positive Tests for Specific Substances – Catawba Nuclear Station
(for 6 Month Ending 06/30/05)

	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	2	0	0	0	0	1	0					
Total	3	1	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 06/30/05**

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 6/30/05 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:

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 – 06/30/05**

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	1194					450		
Average Number in Random – Pre-Access Pool	5					14		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	78	NRC 0	Duke 0			221	NRC 1	Duke 1
For Cause – Post Accident	4	0	0			4	0	0
For Cause – Observed Behavior	1	0	0			0	0	0
Random - Badged	326	2	0			133	0	0
Random – Pre Access	8 (2)	0	0			11 (2)	0	1
Follow-up	18	0	0			12	0	0
Other	3	0	0			1	0	0
Total	438	2	0			382	1	2

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	1	0	0	0	0	0	1	0						3
Total	2	1	1	0	0	0	0	1	0						5

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

06/30/05	
DUKE POWER	
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	
Average Number with Unescorted Access	1280				355	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	87	0			681	4
For Cause – Post Accident	1	0			2	0
For Cause – Observed Behavior	1	0			3	1
Random	364 (2)	0			131 (2)	0
Follow-up	11	0			4	0
Other	3	0			0	0
Total	467	0			821	5

Breakdown of Confirmed Positive Tests for Specific Substances – McGuire Nuclear Station
(for 6 Month Ending 06/30/05)

	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	4	1	0	0	0	0	0					
Total	4	1	0	0	0	0	0					5

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for McGuire Nuclear Station)
for 6 Month Ending 06/30/05**

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 06/30/05 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:

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 – 06/30/05**

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	1280					355		
Average Number in Random – Pre-Access Pool	4					18		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	87	NRC 0	Duke 0			681	NRC 3	Duke 1
For Cause – Post Accident	1	0	0			2	0	0
For Cause – Observed Behavior	1	0	0			3	1	0
Random - Badged	348	0	0			119	0	0
Random – Pre-Access	16 (2)	0	0			12 (2)	0	0
Follow-up	11	0	0			4	0	0
Other	3	0	0			0	0	0
Total	467	0	0			821	4	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	3	1	1	0	0	0	0	0	0						5
Total	3	1	1	0	0	0	0	0	0						5

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

06/30/05	
DUKE POWER	
Company	6 Month Ending
Oconee Nuclear Station	
Location	
Anita Barnette	
Contact Name	
(704) 382-4904	
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	1306				725	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	99	0			427	3
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	2	0			3	3
Random	362 (2)	0			220 (2)	1
Follow-up	10	0			5	0
Other	1	0			1	0
Total	474	0			656	7

Breakdown of Confirmed Positive Tests for Specific Substances – Oconee Nuclear Station
(for 6 Month Ending 06/30/05)

	Marijuana (1)	Cocaine	Opiates	Amphetamine	Phencyclidine	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	0	0	2	0	0	1						
Total	4	0	0	2	0	0	1						7

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Oconee Nuclear Station)
for 6 Month Ending 06/30/05**

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 06/30/05 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:

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 Oconee Nuclear Station)
for 6 Month Ending 06/30/05**

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	1306					725		
Average Number in Random Pre-Access Pool	6					20		
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	99	NRC 0	Duke 0			427	NRC 2	Duke 1
For Cause – Post Accident	0	0	0			0	0	0
For Cause – Observed Behavior	2	0	0			3	3	0
Random - Badged	351	0	0			204	1	0
Random – Pre-Access	11 (2)	0	0			16 (2)	0	0
Follow-up	10	0	0			5	0	0
Other	1	0	0			1	0	0
Total	474	0	0			656	6	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	3	1	0	0	2	0	0	0	1						7
Total	3	1	0	0	2	0	0	0	1						7

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

06/30/05	
DUKE POWER	
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	
Average Number with Unescorted Access	331					
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	20	0			4 (3)	0
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	111 (2)	0			0	0
Follow-up	0	0			0	0
Other	0	0			0	0
Total	131	0			4 (3)	0

Breakdown of Confirmed Positive Tests for Specific Substances – Duke Power Company General Office
(for 6 Month Ending 06/30/05)

	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

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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 06/30/05**

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 06/30/05 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 4 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 06/30/05**

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	331							
Average Number in Random Pre-Access Pool	2							
Categories	# Tested	# Positive (1)		# Tested	# Positive *	# Tested	# Positive (1)	
Pre-Access	20	NRC 0	Duke 0			4 (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	96	0	0			0	0	0
Random – Pre-Access	15 (2)	0	0			0	0	0
Follow-up	0	0	0			0	0	0
Other	0	0	0			0	0	0
Total	131	0	0			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
Total	0	0	0	0	0	0	0	0	0						0