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August 20, 2004

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, 2004 through June 30, 2004.

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.

Sincerely,

Henry B. Barron
Group Vice President
Chief Nuclear Officer

Attachments

U.S. Nuclear Regulatory Commission
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xc:

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McGuire Nuclear Station

E. F. Guthrie
NRC Senior Resident Inspector
Catawba Nuclear Station

bxc:(w Attachment)

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D. G. Black (MG01SC)
W. T. Byers (CN01SC)
R. A. Jones (ON01VP)
D. M. Jamil (CN01VP)
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W. C. Piercy (MG01VP)
P. C. Ivey (CN01VP)
W. B. Jackson (ON01VP)
W. E. Dukes (EC02O)
A. C. Barnette (EC03P)
P. R. Fowler (EC03P)
R. M. Bisanar (PB05E)
Oconee Master File 801.01 ON03DM
McGuire Master File 801.01 MG01DM
Catawba Master File 801.01 CN04DM
ELL

bxc:(w/o Attachment)

B. G. Davenport – ON03RC
C. J. Thomas – MG01RC
L. A. Keller – CN01RC
R. L. Gill – EC05P
NCMPA-1
SREC
PMPA
NCEMC

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

DUKE POWER COMPANY	06/30/04
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	1189				190	
Categories	# Tested	# Positive (1)	# Tested	# Positive *	# Tested	# Positive (1)
Pre-Access	52	0			100	2
For Cause – Post Accident	2	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	314	0			77	1
Follow-up	13	0			0	0
Other	1	0			0	0
Total	382	0			177	3

Breakdown of Confirmed Positive Tests for Specific Substances – Catawba Nuclear Station
(for 6 Month Ending 06/30/04)

	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	3	0	0	0	0	0	0						
Total	3	0	0	0	0	0	0						3

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Catawba Nuclear Station)
for 6 Month Ending 06/30/04**

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 06/30/04 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 10 CFR 26**

DUKE POWER COMPANY	06/30/04
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	1279				280	
Pre-Access	63	0			687	6
For Cause – Post Accident	2	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	335	2			91	0
Follow-up	25	0			3	0
Other	2	0			0	0
Total	427	2			781	6

Breakdown of Confirmed Positive Tests for Specific Substances – McGuire Nuclear Station .
(for 6 Month Ending 06/30/04)

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

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for McGuire Nuclear Station)
for 6 Month Ending 06/30/04**

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 06/30/04 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 01/05/04	Emergency Planning Manager	Random drug/alcohol screen	Alcohol	Confirmed positive on 01/05/04 at Duke Power's more stringent cut off level (below .04); unescorted access was restricted immediately; referred to EAP for assessment; individual attended recommended outpatient 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 McGuire's Nuclear Compliance Group for reporting purposes; reported to NRC on 01/05/04 at 1248.

**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	1279					280		
Categories	# Tested	NRC	Duke	# Tested	# Positive *	# Tested	NRC	Duke
Pre-Access	63	0	0			687	3	3
For Cause – Post Accident	2	0	0			0	0	0
For Cause – Observed Behavior	0	0	0			0	0	0
Random	335	1	1			91	0	0
Follow-up	25	0	0			3	0	0
Other	2	0	0			0	0	0
Total	427	1	1			781	3	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	0	0	1	0	0	1	0						2
Long-Term Contractors															
Short-Term Contractors	0	2	1	0	1	0	1	1	0						6
Total	0	2	1	0	2	0	1	2	0						8

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

DUKE POWER COMPANY	06/30/04
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	1301				1195	
Pre-Access	47	0			1371	8
For Cause – Post Accident	1	0			11	1
For Cause – Observed Behavior	1	1			3	1
Random	345	1			319	1
Follow-up	18	0			8	0
Other	2	0			0	0
Total	414	2			1712	11

Breakdown of Confirmed Positive Tests for Specific Substances – Oconee Nuclear Station
(for 6 Month Ending 06/30/04)

	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	2	0						
Long-Term Contractors													
Short-Term Contractors	5	2	0	0	0	3	1						
Total	5	2	0	0	0	5	1						13

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26
(for Oconee Nuclear Station)
for 6 Month Ending 06/30/04**

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 06/30/04 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 Oconee Nuclear Station)
for 6 Month Ending 06/30/04**

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	1301					1195		
Pre-Access	47	NRC 0	Duke 0			1371	NRC 4	Duke 4
For Cause – Post Accident	1	0	0			11	1	0
For Cause – Observed Behavior	1	1	0			3	1	0
Random	345	0	1			319	1	0
Follow-up	18	0	0			8	0	0
Other	2	0	0			0	0	0
Total	414	1	1			1712	7	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	0	0	1	1	0						2
Long-Term Contractors															
Short-Term Contractors	2	3	2	0	0	0	2	1	1						11
Total	2	3	2	0	0	0	3	2	1						13

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

06/30/04	
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) <input type="checkbox"/> 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	308					
Pre-Access	20	0			3 (3)	0
For Cause – Post Accident	0	0			0	0
For Cause – Observed Behavior	0	0			0	0
Random	86	0			0	0
Follow-up	0	0			0	0
Other	0	0			0	0
Total	106	0			3 (3)	0

**Breakdown of Confirmed Positive Tests for Specific Substances – Duke Power Company General Office
(for 6 Month Ending 06/30/04)**

	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	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 06/30/04**

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 06/30/04 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 3 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 06/30/04**

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	308							
Pre-Access	20	0	0			3 (3)	0	0
For Cause – Post Accident	0	0	0			0	0	0
For Cause – Observed Behavior	0	0	0			0	0	0
Random	86	0	0			0	0	0
Follow-up	0	0	0			0	0	0
Other	0	0	0			0	0	0
Total	106	0	0			3 (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	0	0	0	0	0	0	0	0							0
Long-Term Contractors															
Short-Term Contractors															
Total	0	0	0	0	0	0	0	0	0						0