



FirstEnergy Nuclear Operating Company

Beaver Valley Power Station  
P.O. Box 4  
Shippingport, PA 15077

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February 25, 2009  
L-09-047

ATTN: Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject:  
Beaver Valley Power Station, Unit Nos. 1 and 2  
BV-1 Docket No. 50-334, License No. DPR-66  
BV-2 Docket No. 50-412, License No. NPF-73  
Fitness-For-Duty Performance Data

In accordance with 10 CFR 26.71(d) [54 FR 24494, June 7, 1989, as amended at 57 FR 55444, November 25, 1992], enclosed is the Fitness-For-Duty Performance Data Six (6) Month Report for the period of July 1, 2008 through December 31, 2008. Future performance data will be submitted annually in accordance with 10 CFR 26.717(e).

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at 330-761-6071.

Sincerely,

Peter P. Sena III

Enclosure: Fitness-For-Duty Performance Data Six (6) Month Report, For Period  
July 1, 2008 through December 31, 2008

cc: Mr. S. J. Collins, NRC Region I Administrator  
Mr. D. L. Werkheiser, NRC Senior Resident Inspector  
Ms. N. S. Morgan, NRR Project Manager (w/o enclosure)

A021  
NRR

**BEAVER VALLEY POWER STATION**

**ACCESS AUTHORIZATION & HEALTH SERVICES UNITS**

**Fitness-for-Duty Performance Data  
Six (6) Month Report Approval:**

**FITNESS-FOR-DUTY PERFORMANCE DATA**

**SIX (6) MONTH REPORT**

**FOR PERIOD JULY 1, 2008 through DECEMBER 31, 2008**

**BEAVER VALLEY HEALTH SERVICES UNIT**

Prepared by: Darlene Kopp Date: 2-13-09

Reviewed by: [Signature] Date: 2-13-09

Approved by: [Signature] Date: 2-13-09

# FENOC

FirstEnergy Nuclear Operating Company

## FITNESS-FOR-DUTY REPORT PERFORMANCE DATA AND SUMMARY OF MANAGEMENT ACTIONS

### Medical Review Officer (MRO) Six Month Report

Our records indicate the following:

From July 1, 2008 through December 31, 2008, the Licensee Personnel pool experienced one (1) confirmed positive. The For Cause/Observed Behavior category experienced one (1) confirmed positive for a single substance.

From July 1, 2008 through December 31, 2008, the Short-Term Contractor Personnel pool experienced one (1) confirmed positive. The Pre-Access category one experienced (1) confirmed positive for a single substance.

### Pre-Access Program

In the Short-Term Contractor Personnel Pool Pre-Access Program Category, one (1) individual experienced a confirmed positive for a single substance; participated in a face to face interview with the Medical Review Officer, denial of unescorted access and referral to their respective employers' Employee Assistance Program was recommended. The forwarding of the split sample was offered and declined. The Medical Review Officer adjudicated the individual as confirmed positive.

### For Cause – Observed Behavior

In the Licensee Personnel Pool For Cause – Observed Behavior category, one (1) individual experienced a confirmed positive for a single substance. The individual participated in a face-to-face interview with the Medical Review Officer. The Medical Review Officer recommended denial of unescorted access and mandated participation in the Company's Employee Assistance Program. The individual experienced a 60 day suspension, based on union contract and prior Fitness-for-Duty history. Upon successful completion of the Employee Assistance Program the individual will return to work and be placed in the Company Follow-Up Program. The Medical Review Officer adjudicated as a confirmed positive.

### List of Events Reported

During the period of July 01, 2008, through December 31, 2008, no events were reported under the provisions of 10CFR 26.73 by the Beaver Valley Power Station (BVPS).

On September 29, 2008, FENOC implemented a new database system that houses and processes information for both the Access Authorization and Fitness-for-Duty Programs. This new vendor supplied information system, automates and simplifies the FENOC Fleet Access Authorization, Fitness-for-Duty and Behavior Observation Programs. This system replaced multiple databases and eliminated extra work for both Supervisors and Access Authorization/Health Services Personnel. This system incorporates and standardizes processes, programs and procedures; including, the Annual Supervisory Reviews (ASR), monthly Access Control List (ACL) and the generation of the random Fitness-for-Duty program. Efficiencies were gained by eliminating multiple data entry points and in the reduction of file maintenance.

During the performance of the FENOC Fleet Fitness for Duty (FFD) Audit, MS-C-08-10-18, it was identified that the 10% requirement for the quarterly blind specimen submittals were not met for the third

quarter of 2008 (3Q08). 10CFR26 Appendix A, Section 10CFR26 Appendix A, Section 2.8 (e) 2 indicates 10% (up to 250) of all samples submitted per quarter shall be blind performance specimens.

Contrary to the above requirements, the quarterly blind specimens submitted to the FFD laboratory from July to September, 2008 did not meet the 10% requirement. The total number of specimen samples submitted during the 3Q08 was 348. Blind samples submitted during 3Q08 were 33.

$33/348 = 9.5\%$

This issue was attributed to self checking techniques not being applied to ensure the intended action was correct.

As a result of the discrepancies that were documented for the Beaver Valley Power Station Blind Sample Issue, a review of Nuclear Operating Procedure Loss Prevention 1021(NOP-LP), Section 4.11, Quality Control was conducted with the Health Services Staff. Refresher training was completed and a documented roster was forwarded to the Beaver Valley Condition Report Performance Improvement Section for retention. (CR# 08-48860)

A total specimen, 10 percent blind sampling reference table, was put into affect to track the approximate number of blind specimens samples that will need to be submitted per quarter, to include both positive and negative blind specimens.

Reinforcement of self and peer checking techniques were discussed with the Health Services Staff when completing Fitness for Duty program documentation.

A review of blind sampling submittals was completed from October, 2007 to September, 2008 and it was identified that year to date, 1834 specimens were submitted to the DHHS Laboratory for testing. A total of 202 (11%) blinds samples were submitted for testing which was over and above the 10% requirement. A total of 151 (82%) negative blind samples and 51 (27%) positive blind samples were submitted which was over and above the approximately 80% negative blind and remaining positive blind sample submitted for performance testing respectfully.

A Human Performance Success Clock Evaluation was completed and it was determined that a Section Clock Reset was recommended due to FENOC Administrative expectations not being met. A copy of the Human Performance Success Clock Evaluation was forwarded to the Condition Report Program Administrator for retention.

# Fitness for Duty Program

## Performance Data

### Personnel Subject to 10CFR26

<b>FirstEnergy Corporation (FirstEnergy Nuclear Operating Company)</b>	<b>December 31, 2008</b>
<i>Company</i>	<i>6 Months Ending</i>
<b>Beaver Valley Power Station, Shippingport, PA 15077</b>	
<i>Location</i>	
<b>Alexander G. Ellis, Access Authorization Supervisor</b>	<b>724-682-7922</b>
<i>Contact Name</i>	<i>Phone (include area code)</i>

Cutoffs: Screen/Confirmation (ng/ml)     Appendix A to 10CFR26  
 \*Random testing is conducted at an annual rate equal to at least 50 percent of the workforce. 10CFR Part 26.24(2)

Marijuana    100/15 ng/ml	Amphetamines    1000/500 ng/ml
Cocaine    300/150 ng/ml	Phencyclidine    25/25 ng/ml
Opiates    300/300 ng/ml	Alcohol (%BAC)    .04%
	.03% (work status 1 hr. or greater)
	.02% (work status 2 hrs. or greater)

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		<b>1013</b>				<b>293</b>	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		<b>118</b>				<b>164</b>	<b>1</b>
For Cause	Post accident	<b>4</b>				<b>5</b>	
	Observed behavior	<b>1</b>	<b>1</b>			<b>0</b>	
Random		<b>280</b>				<b>87</b>	
Follow-up		<b>19</b>				<b>2</b>	
Other-		<b>10</b>				<b>0</b>	
Total		<b>432</b>	<b>1</b>			<b>258</b>	<b>1</b>

