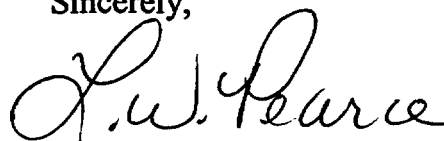


L. William Pearce
Site Vice President724-682-5234
Fax: 724-643-8069August 20, 2003
L-03-128U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001**Subject: Beaver Valley Power Station, Unit No. 1 and No. 2**
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
Fitness-For-Duty Program Six Month Report

In accordance with 10 CFR 26.71(d), attached is the Fitness-For-Duty Program Six Month Report for the period of January 1, 2003, through June 30, 2003.

There are no regulatory commitments contained in this letter. If there are any questions concerning this report, please contact Mr. L. R. Freeland, Manager, Regulatory Affairs/Performance Improvement at 724-682-5284.

Sincerely,



L. William Pearce

c: Mr. T. G. Colburn, NRR Senior Project Manager
Mr. D. M. Kern, NRC Sr. Resident Inspector
Mr. H. J. Miller, NRC Region I Administrator

A021

FIRSTENERGY NUCLEAR OPERATING COMPANY
Beaver Valley Power Station

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

Medical Review Officer (MRO) Six Month Report

From January 1, 2003, through June 30, 2003, our records indicate the following results:

In the short-term contractor pool, twelve (12) confirmed positives and one (1) specimen adulteration were documented. Of these results, eleven (11) confirmed positives for a single substance were in the Pre-Access program category, one (1) confirmed positive was in the For-Cause program category (Observed Behavior) and one (1) specimen adulteration was in the Random program category. All samples were adjudicated as confirmed positive.

Pre-Access Program

In the Pre-Access program category, short-term contractor personnel pool, eleven (11) confirmed positives for a single substance were experienced. Each individual participated in a separate face-to-face interview with the Medical Review Officer and each individual was provided the opportunity for split-specimen testing. One (1) individual chose to utilize the split-specimen appeal to the back-up laboratory and a repeat confirmed positive result was reported. The Medical Review Officer adjudicated the eleven (11) individuals as confirmed positive and unescorted access was denied to each individual. The Medical Review Officer also recommended that each individual should participate in their respective Employee Assistance Programs.

On March 5, 2003, in the Pre-Access program category, a temporary licensee employee provided a specimen. The specimen was split and the aliquot was forwarded to the primary Health and Human Services (HHS) laboratory for testing. On March 6, 2003, the Medical Review Officer received the result that noted "Invalid Result: Possible Oxidant Activity." The Medical Review Officer contacted the certifying scientist and was advised that a probable adulterant was discovered; however, the substance could not be identified and with this result the specimen could not be reported as adulterated. The temporary employee participated in a face-to-face interview with the Medical Review Officer and could not provide an explanation for the presence of a possible oxidant in the sample. The employee requested the split specimen be sent to the back-up laboratory for testing. The Medical Review Officer was informed by the back-up laboratory manager that the laboratory did not have the ability to confirm an adulterant and recommended the split specimen be forwarded to another laboratory. The split sample was sent to another HHS laboratory with the ability to perform an adulterant panel. The split specimen was analyzed and reported to the Medical Review Officer as "Negative"; however, an oxidant cut off of 200 ug/l was utilized. The Medical Review Officer was concerned that the oxidant had degraded. The primary laboratory was contacted and the

Medical Review Officer requested a retest of the aliquot. Upon completion of the retest, the laboratory reported "Reconfirmed Invalid Result/Possible Oxidant Activity."

The Medical Review Officer reviewed the laboratory chemical testing results and, through discussions with the laboratory certifying scientists, determined that the result of the chemical testing could not provide adequate information to adjudicate the specimen as a "confirmed positive" test; therefore, the result has been adjudicated as "negative." The temporary licensee employee had been suspended pending results of the chemical testing. Upon completion, the temporary employee was notified, by the Medical Review Officer that the results had been adjudicated as "negative" and the temporary employee could reapply for unescorted access at Beaver Valley Power Station or other nuclear facility. The individual had elected to take employment at a non-nuclear facility and has not re-applied for unescorted access.

For-Cause Program

In the For-Cause program category, short-term contractor pool, one (1) confirmed positive was experienced. The individual requested a Blood Alcohol sample be drawn which resulted in confirmation of the confirmatory breath sample result. The individual participated in a face-to-face interview with the Medical Review Officer and was adjudicated as a confirmed positive, and denied unescorted access. The Medical Review Officer recommended that the individual should participate in their Employee Assistance Program.

Random Program

In the Random program category, short term contractor pool, one (1) specimen was reported by the HHS certified laboratory as adulterated with Chromium IV. The individual participated in a face-to-face interview with the Medical Review Officer and was adjudicated as a confirmed positive and denied unescorted access. The Medical Review Officer recommended that the individual should participate in their Employee Assistance Program.

List of Events Reported

During the period of January 1, 2003, through June 30, 2003, no events were reported under the provisions of 10 CFR 26.73 by Beaver Valley Power Station (BVPS).

Fitness for Duty Program Performance Data Personnel Subject to 10CFR26

| | |
|--|---|
| FirstEnergy Nuclear Operating Company <i>Company</i> | June 30, 2003 <i>6 Months Ending</i> |
| Beaver Valley Power Station <i>Location</i> | |
| Kenneth E. Halliday, Manager, Nuclear Security <i>Contact Name</i> | 724-682-5072 <i>Phone (include area code)</i> |
| Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR26 | |
| Marijuana / Amphetamines / _____ / | |
| Cocaine / Phencyclidine / _____ / | |
| Opiates / Alcohol (%BAC) / _____ / | |

| Testing Results | | Licensee Employees | | Long-Term Contractor Personnel | | Short-Term Contractor Personnel | |
|---------------------------------------|-------------------|--------------------|------------|--------------------------------|------------|---------------------------------|------------|
| Average Number with Unescorted Access | | 1,254 | | N/A | | 513 | |
| Categories | | # Tested | # Positive | # Tested | # Positive | # Tested | # Positive |
| Pre-Access | | 148 | 0 | N/A | N/A | 1,097 | 11 |
| For Cause | Post accident | 3 | 0 | N/A | N/A | 1 | 0 |
| | Observed behavior | 5 | 0 | N/A | N/A | 1 | 1 |
| Random | | 323 | 0 | N/A | N/A | 143 | 1 |
| Follow-up | | 7 | 0 | N/A | N/A | 24 | 0 |
| Other | | 0 | 0 | N/A | N/A | 0 | 0 |
| Total | | 486 | 0 | N/A | N/A | 1,266 | 13 |

Breakdown of Confirmed Positive Tests for Specific Substances

| | Marijuana | Cocaine | Opiates | Amphetamine | Phencyclidine | Alcohol | Refusal to Test | 1 | 2 | 3 | 4 | 5 | |
|------------------------|-----------|---------|---------|-------------|---------------|---------|-----------------|---|---|---|---|---|----|
| Licensee Employees | | | | | | | | | | | | | |
| Long-Term Contractors | | | | | | | | | | | | | |
| Short-Term Contractors | 3 | 7 | 1 | | | 1 | 1 | | | | | | |
| Total | 3 | 7 | 1 | | | 1 | 1 | | | | | | 13 |