



ALLIANT
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August 28, 1998
NG-98-1494

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Mail Station P1-37
Washington, DC 20555

Subject: Duane Arnold Energy Center
Docket No.: 50-331
Op. License No.: DPR-49
Semi-Annual Fitness for Duty
Performance Data

File: A-108

Gentlemen:

In accordance with 10 CFR 26.71(d), Fitness for Duty Rule, Record Keeping Requirements, please find enclosed IES Utilities Inc. report of program performance information for the Duane Arnold Energy Center during the six month period January 1, 1998 to June 30, 1998.

Enclosures include:

- * Summary Report
- * Fitness For Duty Program Performance Data
Personnel Subject to 10 CFR Part 26
- * Breakdown of Confirmed Positive Tests for Specific Substances

If you have any questions regarding this submittal please contact D. Engelhardt at (319)851-7280.

Sincerely,

Gary VanMiddlesworth
Plant Manager-Nuclear

Enclosures: Attachment 1 - FFD Summary Report
Attachment 2 - FFD Program Performance Data
Attachment 3 - Breakdown of Confirmed Positives

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FITNESS FOR DUTY SUMMARY REPORT
JANUARY 1, 1998 TO JUNE 30, 1998

SYNOPSIS:

During this reporting period, IES Utilities Inc/Duane Arnold Energy Center (DAEC) conducted 1056 drug/alcohol tests in accordance with 10 CFR Part 26. A refueling outage during this period accounts for the sharp increase in testing activity over the previous two reporting periods. The breakdown of this period's testing activity is:

Random	304	/	0	Positive
Pre-Access	742	/	6	Positive
For-Cause	7	/	2	Positive
Follow-Up	3	/	0	Positive
Other	0	/	0	Positive
Total	1056	/	8	Positive

IES Utilities follows regulatory guidelines for types of substances and cut-off levels as provided in 10 CFR Part 26, Appendix A. The random testing rate for this period was just under 30 percent of the average population. Positive test rate for all testing was .76%.

Thirty specimens were determined by electronic refractometer measurement at time of collection to be below the specific gravity cut-off level (1.003). Additional specimens were collected under observed conditions for each individual as soon as was possible. All specimens were packaged separately and sent to the reference lab for testing. In one case (short-term contractor), both specimens tested positive for cocaine. All remaining specimens were negative. One specimen result was returned as negative but low creatinine (without also being low specific gravity) - another specimen was collected from the individual under observed conditions and sent to the lab, with negative results. There were no low temperature specimens. Whenever additional specimens were collected, only the result of the second specimen was included in the above totals.

Three individuals confirmed positive for alcohol - two by second breath analysis and one by further confirmation by blood test.

Two of these were for-cause tests based on observed behavior (odor of alcohol), and one was pre-access. There were four positive THC and one positive cocaine test results. All of the above were short-term contractors for the refuel outage. The drug positives were all pre-access tests. There were no positive random test results during this period.

MANAGEMENT ACTIONS TAKEN:

All positive pre-access tests resulted in denial of unescorted access. All positive for-cause tests resulted in revocation of unescorted access.

One utility employee tested negative on a for-cause test.

One long term contractor tested at a detectable level for alcohol on a for-cause test. Unescorted access was suspended until completion of a substance abuse evaluation and management/medical review. No specific recommended treatment was determined by the EAP. Access was reinstated. In accordance with FFD Procedure, the individual was placed in a three month follow-up testing program, which he satisfactorily completed.

FITNESS FOR DUTY SUMMARY REPORT
JANUARY 1, 1998 TO JUNE 30, 1998

EFFECTIVE EVALUATION:

IES Utilities Inc. continues to implement a Fitness for Duty Program that is effective in achieving the objectives of 10 CFR Part 26.

LESSONS LEARNED:

Nothing to report this period.

FITNESS FOR DUTY PROGRAM
PERFORMANCE DATA
PERSONNEL SUBJECT TO 10 CFR 26

IES UTILITIES INC.	30-Jun-98
Company	6 Months Ending
DUANE ARNOLD ENERGY CENTER	
Location	
DIANE ENGELHARDT	(319) 851-7280
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) XX Appendix A to 10 CFR 26	
Marijuana 100/15	Amphetamines 1000/500 /
Cocaine 300/150	Phencyclidine 25/25 /
Opiates 300/300	Alcohol (% BAC) .04% /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		563		94		188	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		34	0	17	0	691	6
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	1	0	1	0	5	2
Random		187	0	39	0	78	0
Follow-Up		0	0	2	0	1	0
Other		0	0	0	0	0	0
Total		222	0	59	0	775	8

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						A
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	4	1	0	0	0	3	0						
Total	4	1	0	0	0	3	0						8