



Duane Arnold Energy Center
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February 28, 1997
NG-97-0426

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Mail Station P1-137
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 July 1, 1996 to December 31, 1996.

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

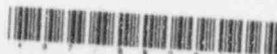
Enclosures: Attachment 1 - FFD Summary Report
Attachment 2 - FFD Program Performance Data
Attachment 3 - Breakdown of Confirmed Positives

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An IES Industries Company

FITNESS FOR DUTY SUMMARY REPORT
JULY 1, 1996 TO DECEMBER 31, 1996

SYNOPSIS:

During this reporting period, IES Utilities Inc./Duane Arnold Energy Center (DAEC) conducted 954 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 period. The break down of this reporting period's testing activity is:

Random	360	/	2	Positive
Pre-Access	588	/	16	Positive
For-Cause	5	/	0	Positive
Follow-Up	1	/	0	Positive
Other	0	/	0	Positive
Total	954	/	18	Positive

IES Utilities Inc. follows the guidelines for substances and cut-off levels as provided in 10 CFR Part 26, Appendix A. The random testing rate for this period was just under 41 percent of the average population. Total random testing for 1996 was 59 percent of the average population. Increased random testing was conducted during the refueling outage.

Twenty eight specimens were determined by refractometer measurement at time of collection to be below specific gravity cut-off level. Additional specimens were collected from each individual under observed conditions, as soon as was possible. All specimens were packaged separately and sent to the reference laboratory for testing. All of the initial low-specific gravity specimens screened negative. Two of the re-collected specimens were confirmed positive for THC. One specimen provided by an individual was below acceptable temperature levels, due to the insufficient amount of specimen initially provided. Another full specimen was collected under observed conditions, and subsequently screened negative.

Four individuals confirmed positive for alcohol with two breath analysis devices, and two requested further confirmation by blood. One specimen confirmed positive, the other was below .04 BAC and ruled negative.

MANAGEMENT ACTIONS TAKEN:

There were eighteen positive drug/alcohol tests during this reporting period. Of these, sixteen were short-term contractor pre-access tests, as part of the refueling outage (13 THC, 1 Cocaine, 2 Alcohol). All of these individuals were denied unescorted access. One short-term contractor tested positive for cocaine on a random test. Unescorted access was subsequently revoked. One utility employee tested positive for alcohol (confirmed by blood) on a random test. This individual's unescorted access was suspended, pending FFD evaluation and development of appropriate treatment. The individual chose not to participate in recommended substance abuse treatment, and employment was subsequently terminated. One 24 hour reportable FFD event was made on 9/9/96 when a long-term contractor supervisor reported an arrest for falsifying a prescription for pain-killers. This individual's unescorted access was suspended pending investigation of the circumstances, and additional FFD and psychological evaluations were conducted. Unescorted access was subsequently re-instated when a determination was made that there was no substantive FFD violation.

No inspections or audits were conducted during this period.

FITNESS FOR DUTY SUMMARY REPORT
JULY 1, 1996 TO DECEMBER 31, 1996

EFFECTIVENESS 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:

IES Utilities Inc. continues to support more stringent efforts for detection/prevention of subversion of testing. Two instances of hydration that were detected and recollected under controlled conditions subsequently yielded positive test results.

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

IES UTILITIES INC.	31-Dec-96
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		639		122		125	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		21	0	13	0	554	16
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	5	0
Random		200	1	47	0	113	1
Follow-Up		0	0	0	0	1	0
Other		0	0	0	0	0	0
Total		221	1	60	0	673	17

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to test	1	2	3	4	5	A
Licensee Employees	0	0	0	0	0	1	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	13	2	0	0	0	2	0						
Total	13	2	0	0	0	3	0						18