



FPL Energy Duane Arnold, LLC  
3277 DAEC Road  
Palo, Iowa 52324

**FPL Energy.**

**Duane Arnold Energy Center**

August 29, 2006

NG-06-0578  
10 CFR 26.71(d)

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Duane Arnold Energy Center  
Docket 50-331  
License No. DPR-49

Fitness for Duty Performance Data

In accordance with 10 CFR 26.71(d), FPL Energy Duane Arnold, LLC hereby submits the Fitness for Duty (FFD) Program Performance Data for the Duane Arnold Energy Center. This report covers the six-month period ending June 30, 2006.

If you have any questions, please contact Dan Kelley at (319) 851-7621.

Gary D. Van Middlesworth  
Site Vice President, Duane Arnold Energy Center  
FPL Energy Duane Arnold, LLC

Enclosures (2)

cc: Administrator, Region III, USNRC  
Project Manager, DAEC, USNRC  
Senior Resident Inspector, DAEC, USNRC

A021

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

FPL Energy – Duane Arnold  
Company

June 30, 2006  
Six (6) Month Ending

DAEC  
Location

Dan Kelley  
Contact Name

(319) 851-7621  
Phone (include Area Code)

Cutoffs: Screen/Confirmation (ng/ml) & Alcohol (% BAC)

X Appendix A to 10CFR26 Levels

| TESTING RESULTS                       |                   | LICENSEE EMPLOYEES |            | LONG-TERM CONTRACTOR PERSONNEL |            | SHORT-TERM CONTRACTOR PERSONNEL |            |
|---------------------------------------|-------------------|--------------------|------------|--------------------------------|------------|---------------------------------|------------|
| Average Number with Unescorted Access |                   | 496                |            | N/A                            |            | 98                              |            |
| <b>TOTAL: 589</b>                     |                   |                    |            |                                |            |                                 |            |
| CATEGORIES                            |                   | # TESTED           | # POSITIVE | TESTED                         | # POSITIVE | # TESTED                        | # POSITIVE |
| Pre-Access                            |                   |                    |            |                                |            |                                 |            |
| <b>TOTAL: 100</b>                     |                   | 49                 | 0          |                                |            | 51                              | 1          |
| For Cause                             | Post Accident     | 1                  | 0          |                                |            | 0                               | 0          |
|                                       | Observed Behavior | 0                  | 0          |                                |            | 1                               | 0          |
| <b>TOTAL: 2</b>                       |                   |                    |            |                                |            |                                 |            |
| Random                                |                   |                    |            |                                |            |                                 |            |
| <b>TOTAL: 130</b>                     |                   | 108                | 0          |                                |            | 22                              | 0          |
| Follow-up                             |                   |                    |            |                                |            |                                 |            |
| <b>TOTAL: 5</b>                       |                   | 2                  | 0          |                                |            | 3                               | 0          |
| Other                                 |                   |                    |            |                                |            |                                 |            |
| <b>TOTAL 237</b>                      |                   | 0                  | 0          |                                |            | 0                               | 0          |
|                                       |                   | 160                | 0          |                                |            | 77                              | 1          |

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

6 Month Report Ending: June 30, 2006

| CATEGORY:              | Marijuana | Cocaine  | Opiates  | Amphetamines | Phencyclidine | Alcohol  | Refusal to Test |              |
|------------------------|-----------|----------|----------|--------------|---------------|----------|-----------------|--------------|
| Licensee Employees     | 0         | 0        | 0        | 0            | 0             | 0        | 0               |              |
| Long-Term Contractors  |           |          |          |              |               |          |                 |              |
| Short-Term Contractors | 1         | 0        | 0        | 0            | 0             | 0        | 0               |              |
| <b>TOTAL</b>           | <b>1</b>  | <b>0</b> | <b>0</b> | <b>0</b>     | <b>0</b>      | <b>0</b> | <b>0</b>        | <b>Total</b> |
|                        |           |          |          |              |               |          |                 | <b>1</b>     |

**FFD Performance Data Review/Comments:**

1. Were any programmatic weaknesses identified: NONE
2. What management actions have been taken or initiated? If any, explain: NONE
3. Notate any specimens that were adulterated and substance detected: NONE
4. 2006 Percent of Random Population Tested: 22%