



February 27, 2013

NG-13-0027
10 CFR 26

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

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

Fitness for Duty Performance Data

In accordance with 10 CFR 26, NextEra Energy Duane Arnold, LLC hereby submits the Fitness for Duty (FFD) Program Performance Data for the Duane Arnold Energy Center. This report covers the twelve-month period ending December 31, 2012.

If you have any questions, please contact Thomas R. Byrne at (319) 851-7929.

A handwritten signature in black ink that reads "Richard L. Anderson". The signature is fluid and cursive.

Richard L. Anderson
Vice President, Duane Arnold Energy Center
NextEra Energy Duane Arnold, LLC

Enclosure

ENCLOSURE

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

FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

NextEra Energy Duane Arnold, LLC

2012

Company

Annual Reporting Period

Duane Arnold Energy Center (DAEC)

Location

Darla Grimm

(319) 851-7355

Contact Name

Phone Number

Tests Conducted in the Calendar Year

Reason for Testing	Total Number of Tests Conducted		Total Number of Positive, Adulterated, Substituted, and Refusal to Test Results
	Licensee Employees	Contractors/Vendors	
Pre-Access	50	1051	11
Random	390	129	3
For Cause	0	0	0
Post-Event	2	4	0
Followup	39	65	0
Total (Calculated)	481	1249	14

FFD Program Random Testing Population and Rate

Average Number of Licensee Employees	Average Number of Contractors/Vendors	Total Size of the random testing pool throughout the period (calculated)	Annual random testing percentage achieved for the testing pool
312	625	937	55.38%

Laboratory Testing

Does your program use a Licensee Testing Facility? (Yes/No) **No**

Identify your HHS-Certified Laboratory(ies): Quest Diagnostics

Identify your Blind Performance Test Sample supplier(s): Elsohly Laboratories

Substances Tested

Did your program only test for NRC-required substances AND at the NRC-specified minimum cutoff levels? (Yes/No): **Yes**

Does your program conduct LOD testing permitted in 26.163(a)(2) (Yes/No): **Yes**

Substance	Use Only NRC Cutoff Levels? (Yes/No)	Initial Cutoff	Confirmatory Cutoff	LOD Testing? (Yes/No)	Comment (Optional)
Alcohol	Yes	0.04% BAC	0.04% BAC	N/A	
Cocaine	Yes	300 ng/ml	150 ng/ml	Yes	
Marijuana	Yes	50 ng/ml	15 ng/ml	Yes	
Amphetamines	Yes	1000 ng/ml	500 ng/ml	Yes	The Confirmatory Cutoff for methamphetamine is 500 ng/ml. The specimen must also contain amphetamine at a concentration equal to or greater than 200 ng/ml.
Opiates	Yes	2000 ng/ml	2000 ng/ml	Yes	The Initial Cutoff for 6-acetylmorphine is 10 ng/ml. 6-acetylmorphine is tested when the confirmatory test shows a morphine concentration exceeding 2000 ng/ml.
PCP	Yes	25 ng/ml	25 ng/ml	Yes	

Summary of Management Actions

Program and System Management

For the reporting period of 2012, fourteen (14) individuals were denied unescorted access authorization after testing positive for drugs or alcohol. By test type, eleven (11) pre-access tests were positive, and three (3) random tests were positive.

NextEra Energy Duane Arnold, LLC had zero (0) reportable events as defined in 10 CFR Part 26.719 during this reporting period.

Facility Name

Duane Arnold

Report Period

2012

10 CFR Part 26, Subpart I - Annual Fatigue Results

Work Hour Controls		Number of Waivers Issued (Note: At least one of the cells in this table should have a non-negative value)												Operating Total	Outage Total (days 1-60)	Outage (after day 60)	Combined Total
		Operating or on-site directing of the operations of systems as described in 26.4(a)(1)			Performing health physics or chemistry duties as described in 26.4(a)(2)			Performing duties of a fire brigade member, as described in 26.4(a)(3) *			Performing maintenance or onsite directing of maintenance, as described in 26.4(a)(4)						
		Operating	Outage (days 1-60)	Outage (after day 60)	Operating	Outage	Outage (after day 60)	Operating	Outage	Outage (after day 60)	Operating	Outage	Outage (after day 60)	Operating	Outage	Outage (after day 60)	
Daily Work Hours 26.205(d)(1)	Exceed 16 work hrs in any 24 hr period													0	0	0	0
	Exceed 26 work hrs in any 48 hr period																0
	Exceeded 72 work hrs in any 7 day period																0
Rest Breaks 26.205(d)(2)	Less than 10 hr break b/t successive work periods (for 8 hr break accommodating scheduled transition b/t shifts)																0
	Less than 34 hr break in any 9 day period																0
Minimum Days Off Per Shift Cycle 26.205(d)(3)	Avg of less than 1 day off per week for 8-hour shifts while operating																0
	Avg of less than 2 days off per week for 10-hour shifts while operating																0
	Avg of less than 2.5 days off per week for 12-hour shifts while operating																0
Minimum Days Off for Outage Activities 26.205(d)(4)	Avg of less than 2 days off per week for 12-hour maintenance shifts																0
	Avg of less than 3 days off per week for 12-hour security shifts																0
	Less than 3 days off per successive 15-day period																0
Alternate to Minimum Days Off 26.205(d)(7)	Less than 1 day off per 7-day period for maintenance personnel																0
	Less than 4 days off per successive 15-day period for security personnel																0
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* NOTE: For individuals performing fire brigade duties and other duties, please count them only under the fire brigade column. Do not double count these individuals.

Facility Name
Duane Arnold

Report Period
2012

Distribution of Waiver for Individuals in Each Category - 26.203(e)(1)(iii)					
Number of Employees Issued Waivers					
Number of Waivers	Operating or on-site directing of the operations of systems, as described in 26.4(a)(1)	Performing health physics or chemistry duties as described in 26.4(a)(2)	Performing duties of a fire brigade member as described in 26.4(a)(3) *	Performing maintenance or onsite directing of maintenance as described in 26.4(a)(4)	Performing security duties as described in 26.4(a)(5)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11-20					
More than 20					
Total Number of Employees Issued Waivers	0	0	0	0	0
Most Waivers Provided to a Single Individual					

* Note: For individuals performing the fire brigade duties, please count them only under the brigade column. Do not double count these individuals.

Summary of Corrective Actions - 26.203(e)(2) Analysis of Waiver Assessment Data: No waivers were granted in 2012.
Analysis of Fatigue Assessment Data: 3 "For Cause" assessments and 3 "Post Event" assessments occurred for Maintenance in 2012. The 3 "For Cause" assessments occurred during refueling outage 23. 1 "Self Declaration" assessment occurred for Security; it did not occur during a refueling outage. No management actions arose from the assessments. DAEC had an outage in 2012.
Conclusions: The conclusion for the "For Cause" and "Post Event" fatigue assessments was that the involved personnel were not fatigued. The Security individual who "self declared" fatigue was sent home for a break of at least 10 hours.
Summary of Status of Corrective Actions: No corrective actions were performed as a result of the fatigue assessments.