



February 28, 2012

NG-12-0068
10 CFR 26

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, 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, 2011.

If you have any questions, please contact Steve Catron at (319) 851-7234.

A handwritten signature in black ink, appearing to read "P. Wells".

Peter Wells
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

Company

2011

Annual Reporting Period

Duane Arnold Energy Center DAEC

Location

Darla Grimm

Contact Name

(319) 851-7355

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	43	198	1
Random	357	106	0
For Cause	5	1	0
Post-Event	3	3	0
Followup	16	13	0
Total (Calculated)	424	321	1

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
614	206	745	56.5%

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 500ng/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 10ng/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 2011, one (1) individual was denied unescorted access authorization after testing positive for drugs or alcohol, refusing to test or subversion attempts. This individual was an initial contractor employee who tested positive for marijuana. This individual was denied access.

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

Blind Performance Test Samples

For the 2011 reporting period, one blind specimen in April did not yield the expected results; a replacement sent in the same quarter did reveal the expected results.

Facility Name

Duane Arnold

Report Period

2011

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	Exceed 16 work hrs in any 24 hr period													0	0	0	0
26.205(d)(1)	Exceed 26 work hrs in any 48 hr period													0	0	0	0
	Exceeded 72 work hrs in any 7 day period													0	0	0	0
Rest Breaks	Less than 10 hr break b/t successive work periods (for 8 hr break accommodating scheduled transition b/t shifts)	1												1	0	0	1
26.205(d)(2)	Less than 34 hr break in any 9 day period													0	0	0	0
	Avg of less than 1 day off per week for 8-hour shifts while operating													0			0
Minimum Days Off Per Shift Cycle	Avg of less than 2 days off per week for 10-hour shifts while operating													0			0
26.205(d)(3)	Avg of less than 2.5 days off per week for 12-hour shifts while operating													0			0
	Avg of less than 2 days off per week for 12-hour maintenance shifts													0			0
	Avg of less than 3 days off per week for 12-hour security shifts													0			0
Minimum Days Off for Outage Activities	Less than 3 days off per successive 15-day period													0			0
and 26.205(d)(4)	Less than 1 day off per 7-day period for maintenance personnel													0			0
26.205(d)(5)	Less than 4 days off per successive 15-day period for security personnel													0			0
Alternate to Minimum Days Off														0			0
26.205(d)(7)	54 hour maximum average													0			0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

* 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** 2011

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	1				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11-20					
More than 20					
Total Number of Employees Issued Waivers	1				
Most Waivers Provided to a Single Individual	1				

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

<p>Summary of Corrective Actions - 26.203(e)(2)</p> <p>Analysis of Waiver Assessment Data:</p> <p>A single waiver was provided for an Operator on 3/3/2011 due to a relief calling in sick when no other replacement was readily available.</p>
<p>Analysis of Fatigue Assessment Data:</p> <p>The single person who received the waiver received a fatigue assessment as part of the waiver process. 6 "Post Event" assessments and 2 "For Cause" assessments were performed for Maintenance. 2 "Post Event" assessments and 2 "For Cause" assessments were performed for Security. No outage activities were in progress; DAEC did not have a refueling outage in 2011. No fatigue declarations were received. No management actions arose from the assessments.</p>
<p>Conclusions:</p> <p>The conclusion for all fatigue assessments was that the involved personnel were not fatigued. The waiver required on 3/3/2011 due to a relief calling in sick when no other replacement was readily available was considered to be an isolated occurrence, but such occurrences are trended.</p>
<p>Summary of Status of Corrective Actions:</p> <p>No corrective actions were performed as a result of the waiver or fatigue assessments.</p>