



February 15, 2012

Docket No. 50-443

SBK-L-12031

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


Seabrook Station
Fitness-For-Duty Program Performance Data Report

In accordance with the requirements of 10 CFR 26.717(e), enclosed is the NextEra Energy Seabrook, LLC Fitness-For-Duty Program Performance Data Report for 2011.

Should you have any questions regarding the enclosed report, please contact me at (603) 773-7745.

Respectfully,

NextEra Energy Seabrook, LLC



Michael O'Keefe
Licensing Manager

cc: NRC Region I Administrator
NRC Project Manager, Project Directorate I-2
W. J. Raymond, NRC Senior Resident Inspector

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ENCLOSURE to SBK-L-12031

FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

NextEra Energy Seabrook, LLC

2011

Company

Annual Reporting Period

Seabrook Station

Location

Stella M. Dumais

(603) 773-7040

Contact Name

Phone Number

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

X 10 CFR 26 Levels identified in Sections 26.103 and 26.163

Testing Results	Licensee Employees		Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive
Average number with Unescorted Access Total: 1404	690		714	
Follow-Up	18	0	54	1
For Cause – Observed Behavior	1	0	0	0
For Cause - Post Event	0	0	5	0
Pre-Access	16	0	1168	16
Random	387	0	372	1
Total	422	0	1599	18

During the reporting period of 2011, NextEra Energy Seabrook, LLC conducted 2021 drug and alcohol tests in accordance with 10 CFR Part 26. Random test rates are as follows:

POOLS	Reporting Period 2011
Seabrook Station	52.4%

BREAKDOWN OF CONFIRMED POSITIVE TESTS

Site Location	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	0	0	0	0	0	0	0	
Contractors	9	1	1	0	0	3	2	
Total	9	1	1	0	0	3	2	16

Management Actions

For the reporting period of 2011, eighteen (18) individuals were denied unescorted access authorization after testing positive for drugs or alcohol, refusing to test or subversion attempts. By test type sixteen (16) pre-access tests were positive, subverted or refusal to test, one random test was a refusal to test, and one follow-up test was positive. Of the sixteen pre-access tests, there was one refusal to test, and two subversion attempts. All eighteen individuals were denied access. Four of these denials were permanent denials in the industry.

Pre-Access Positive Tests

Eleven (11) Initial, four (4) Update, and one (1) Reinstatement <365 day contractor employees tested positive for drugs or alcohol. They were all denied access.

Random Positive Tests

One (1) contractor employee refused to test after providing a specimen that had no temperature, and he decided to leave before we collected a new sample observed. The individual was permanently denied.

Follow-Up Positive Tests

One (1) contractor employee tested positive for alcohol, and the individual was denied access.

Additional Comments

1. There were two subversion attempts during the 2011 reporting period.
2. For the 2011 reporting period, all blind specimens sent to the HHS-certified lab yielded expected results.
3. Three Call In tests were conducted for alcohol only, along with two for cause tests that were for odor of alcohol and only the alcohol portion was tested. These are not in the numbers on the previous page due to the fact that they were alcohol only, as permitted in 26.77(b)(1).

Reportable Events

Seabrook Station had no reportable event as defined in 10 CFR Part 26.719 during this reporting period.

10 CFR Part 26, Subpart I - Annual Fatigue Results

Report
Period

Facility Name

Seabrook ▼ 2011 ▼

Summary of Waiver Issuance - 26.203(e)(1)(i-ii)

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	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 26.4(a)(2)		Performing duties of a fire brigade member, as described in 26.4(a)(3) *		Performing maintenance or onsite direction of maintenance, as described in 26.4(a)(4)		Performing security duties as described 26.4(a)(5)						
		Operating	Outage	Operating	Outage	Operating	Outage	Operating	Outage	Operating	Outage					
Daily Work Hours 26.205(d)(1)	Exceed 16 work hrs in any 24 hr period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Exceed 26 work hrs in any 48 hr period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Exceeded 72 work hrs in any 7 day period	0	0	0	0	0	0	0	6	0	0	0	0	6	0	6
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Less than 34 hr break in any 9 day period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		0		0		0		0		0		0		0
	Avg of less than 2 days off per week for 10-hour shifts while operating	0		0		0		0		0		0		0		0
	Avg of less than 2.5 days off per week for 12-hour shifts while operating	0		0		0		0		0		0		0		0
	Avg of less than 2 days off per week for 12-hour maintenance shifts							0					0			0
	Avg of less than 3 days off per week for 12-hour security shifts									0			0			0
Minimum Days Off for Outage Activities 26.205(d)(4) and 26.205(d)(5)	Less than 3 days off per successive 15-day period		0		0		0		0				0		0	0
	Less than 1 day off per 7-day period for maintenance personnel								0				0		0	0
	Less than 4 days off per successive 15-day period for security personnel									0			0		0	0
TOTAL		0	0	0	0	0	0	6	0	0	0	0	6	0	6	

* 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.

10 CFR Part 26, Subpart I - Annual Fatigue Results

Facility Name **Report Period**

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					6
2					
3					
4					
5					
6					
7					
8					
9					
10					
11-20					
More than 20					
Total Number of Employees Issued Waivers	0	0	0	6	0
Most Waivers Provided to a Single Individual				1	

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

Summary of Corrective Actions - 26.203(e)(2)

Analysis of Waiver Assessment Data:

6 Waivers were approved during the reporting period. o (1) On 01/06/2011 a waiver was requested and approved for an electrical relay technician to support returning the emergency diesel generator to service. The individual had unique skills and no other technician was available to conduct the job assignment of removing the exciter monitoring equipment. The waiver was for greater than 72 hours in a 168 hour period. o (2 through 6) On 02/02/11 waivers were requested and approved for 5 mechanical maintenance workers to return the emergency diesel generator to operable status due to a pending unforeseen snowstorm. Start of repairs to the emergency diesel generator had been delayed several days due to a winter storm the previous week. All 6 waivers were for greater than 72 hours in a 168 hour period.

Analysis of Fatigue Assessment Data:

A face-to-face assessment of fatigue was conducted for all waiver requests. Nine fatigue assessments were conducted during 2011. See attached Summary of 2011 Fatigue Assessments.

Conclusions:

Six waivers were requested and approved during 2011. All were for online periods. The waivers were necessary to return a high risk safety system to service. No corrective actions are required.

Summary of Status of Corrective Actions:

There are no corrective actions required based on waiver usage or fatigue assessments.

Summary of 2011 Fatigue Assessments

There were nine Fatigue Assessments conducted during the reporting period of January 1, 2011 through December 31, 2011. Six fatigue assessments were conducted on covered workers.

1. **Condition:** Post Event – Scaffolding fell off trailer
Statement of Outage Activity: Online
Category of Duties: Non-covered Facilities worker
Management Actions: None. Determined to be not impaired.

2. **Condition:** Post Event – Scaffolding fell off trailer
Statement of Outage Activity: Online
Category of Duties: Non-covered Facilities worker
Management Actions: None. Determined to be not impaired.

3. **Condition:** Post Event – Struck Manhole Cover with Bobcat
Statement of Outage Activity: Online
Category of Duties: Non-covered Facilities worker
Management Actions: None. Determined to be not impaired.

4. **Condition:** For Cause – Individual appeared fatigued
Statement of Outage Activity: Online
Category of Duties: Covered - Security
Management Actions: Provided 10-hour Break

5. **Condition:** Post-Event – Mispositioned Valve
Statement of Outage Activity: Online
Category of Duties: Covered - Operations
Management Actions: Individual required to check with Unit Supervisor prior to performing tasks in the Control Room.

6. **Condition:** For Cause – Physical Injury
Statement of Outage Activity: Online
Category of Duties: Covered - Security
Management Actions: None. Determined to be not impaired.

7. **Condition:** Post Event – 0.02 Blood Alcohol Level at Start of Work
Statement of Outage Activity: Outage
Category of Duties: Covered – Maintenance (Radwaste)
Management Actions: Worker assessed periodically throughout shift.

8. **Condition:** Post Event – OSHA Recordable Injury
Statement of Outage Activity: Outage
Category of Duties: Covered - Maintenance
Management Actions: None. Determined to be not impaired.

9. **Condition:** For Cause - Inattentive
Statement of Outage Activity: Online
Category of Duties: Covered - Operations
Management Actions: 10 hour break provided.