



February 23, 2011

Docket No. 50-443

SBK-L-11037

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 2010.

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
G. E. Miller, NRC Project Manager
W. J. Raymond, NRC Senior Resident Inspector

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NRK

ENCLOSURE to SBK-L-11037

FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

NextEra Energy Resources

2010

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 | |
|--|--------------------|------------|----------------------|------------|
| Average number with Unescorted Access Total: 1241 | 710 | | 531 | |
| Categories | # Tested | # Positive | # Tested | # Positive |
| Follow-Up | 31 | 0 | 19 | 0 |
| For Cause – Observed Behavior | 0 | 0 | 0 | 0 |
| For Cause - Post Event | 1 | 0 | 3 | 0 |
| Pre-Access | 13 | 0 | 318 | 4 |
| Random | 374 | 0 | 291 | 2 |
| Total | 419 | 0 | 631 | 6 |

During the reporting period of 2010, NextEra Energy Resources Seabrook Station conducted 1050 drug and alcohol tests in accordance with 10 CFR Part 26. Random test rates are as follows:

| POOLS | Reporting Period 2010 |
|-------------------------|--------------------------|
| Seabrook Station | 53.3% |

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 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |

Management Actions

For the reporting period of 2010, six (6) individuals were denied unescorted access authorization after testing positive for drugs or alcohol. By test type four (4) pre-access tests were positive, and two random tests were positive, with one random test being a refusal to test.

Pre-Access Positive Tests

One (1) Initial, two (2) Update, and one (1) reinstate <365 day contractor employees tested positive for drugs or alcohol. They were all denied access.

Random Positive Tests

One (1) contractor employee tested positive for marijuana, and one (1) contractor refused to test after being notified of a random test. Both individuals were denied access. The individual who refused to test was a permanent denial.

Additional Comments

1. There were no subversion attempts during the 2010 reporting period.
2. For the 2010 reporting period, all blind specimens sent to the HHS-certified lab yielded expected results.
3. One Call In test was conducted for alcohol only.

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 ▼ 2010 ▼

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 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 Total | Outage Total | Combined Total | | | | | |
| | | 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 | 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 | 0 | 0 | 0 |
| | Exceeded 72 work hrs in any 7 day period | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | 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 | 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 | | 0 | |
| | Avg of less than 2 days off per week for 10-hour shifts while operating | 0 | | 0 | | 1 | | 0 | | 0 | | 1 | | 1 | | 0 | | 1 | |
| | Avg of less than 2.5 days off per week for 12-hour shifts while operating | 0 | | 0 | | 0 | | | | | | 0 | | 0 | | | | 0 | |
| | Avg of less than 2 days off per week for 12-hour maintenance shifts | | | | | | | 2 | | | | 2 | | 2 | | | | 2 | |
| | Avg of less than 3 days off per week for 12-hour security shifts | | | | | | | | | 2 | | 2 | | 2 | | | | 2 | |
| 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 | |
| | 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 | 1 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 6 | 0 | 6 | 0 | 0 | 0 | 6 | 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.

10 CFR Part 26, Subpart I - Annual Fatigue Results

Facility Name

Seabrook ▼

Report Period

2010 ▼

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

* 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. See attached Summary of 2010 Waivers.

Analysis of Fatigue Assessment Data:

A face-to-face assessment of fatigue was conducted for all waiver requests. One For Cause fatigue assessment was performed for a covered Security Officer for a vehicle striking a light pole. The assessment concluded that the individual was not impaired and no management actions were required.

Conclusions:

Six waivers were requested and approved during 2010. All were for online periods. The waivers were necessary to meet minimum staffing requirements, to support a containment entry for a fire alarm, or to prevent a plant shutdown due to Technical Specification action statements. 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 2010 Waivers

6 Waivers were approved during the reporting period.

- (1) On 01/17/2010 a waiver was requested and approved for an Operations Fire Brigade Leader (FBL) to cover the shift for a FBL called out due to a family emergency. The waiver was for an MDO online excess of one day.
- (2) On 5/09/2010 a waiver was requested and approved for an RP technician to report 2 hours early to support emergent containment entry due to a fire alarm in the containment building. The waiver was for a MBBS shortage of 30 minutes.
- (3) On 09/03/2010 a waiver was requested and approved for a Security Officer to ensure minimum staffing in accordance with the Physical Security Plan for compensatory actions due to an approaching hurricane. The waiver was for MDO online excess of one day.
- (4) On 09/04/2010 a second waiver was requested and approved for the same Security Officer granted a waiver on 9/03/2010 to maintain minimum staffing in accordance with the Physical Security Plan for compensatory actions due to an approaching hurricane. The waiver was for MDO online excess of one day.
- (5) On 10/30/2010 a waiver was requested and approved for an electrician for a potential SF6 gas leak that could result in a 72 hour shut down. Worker was the only qualified individual the supervisor was able to contact. The waiver was for MDO online excess of one day.
- (6) On 10/31/2010 a second waiver was approved for the same individual to support work for GSU ground bus overheating that if not repaired would require a plant shutdown and entry into a TS action statement. Individual was the only qualified SY/Ariel Lift qualified employee available. Waiver was for MDO online excess of one day. Waiver was approved with the restriction of constant supervision and 2 man rule.