



MAR 25 2019

L-2019-046
10 CFR 50.75(f)(1)
10 CFR 72.30(c)

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

RE: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Docket No. 72-61

Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Docket No. 72-62

NextEra Energy Seabrook, LLC
Seabrook Station
Docket No. 50-443
Docket No. 72-63

NextEra Energy Point Beach, LLC
Point Beach Units 1 and 2
Docket Nos. 50-266, 50-301
Docket No. 72-05

Decommissioning Funding Status Reports / Independent Spent Fuel Storage Installation (ISFSI)
Financial Assurance Update

Pursuant to 10 CFR 50.75(f)(1) and 10 CFR 72.30(c), enclosed are the Decommissioning Funding Status (DFS) Reports and Independent Spent Fuel Storage Installation Financial Assurance Update for the following units:

1. St. Lucie Units 1 and 2
2. Turkey Point Units 3 and 4
3. Seabrook Station
4. Point Beach Units 1 and 2

Florida Power and Light Company (FPL) is the sole owner of Turkey Point Units 3 and 4 and St. Lucie Unit 1. FPL, Florida Municipal Power Agency, and Orlando Utilities Commission own St. Lucie Unit 2. The report for St. Lucie Unit 2 provides the status of decommissioning funding for all three owners of that unit.

ADD
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NextEra Energy Seabrook, LLC (Seabrook), Hudson Light and Power Department, Massachusetts Municipal Wholesale Electric Company, and Taunton Municipal Lighting Plant own Seabrook Station. The report for Seabrook Station provides the status of decommissioning funding for all four owners of that unit.

NextEra Energy Point Beach, LLC is the sole owner of Point Beach Units 1 and 2.

This letter contains no new commitments and no revisions to existing commitments.

Should there be any questions, please contact Steve Catron at (561) 304-6206.

A handwritten signature in black ink, appearing to read 'W. Parks', is positioned above the printed name.

William Parks
Nuclear Licensing and Regulatory Compliance Director

Enclosures (2)

Enclosure 1

Decommissioning Funding Status Reports 10 CFR 50.75(f)(1)

- St. Lucie Units 1 and 2
- Turkey Point Units 3 and 4
- Seabrook Station
- Point Beach Units 1 and 2

**St. Lucie Nuclear Plant – Unit 1
Florida Power and Light Company (FPL),
Decommissioning Funding Status Report**

1. **The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).**

Plant Owner (% Ownership)	NRC Minimum (a)
FPL (100%)	491,668,470

(a) Refer to St. Lucie Unit 1 for calculation assumptions

2. **The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balance is net of taxes)**

	Total¹
FPL (100%)	1,016,752,531

3. **Projected Funds at Shutdown (2% real rate of return).**

	Total
FPL (100%) (see note (b))	1,428,728,538

(b) Pursuant to Florida Public Service Commission (FPSC) Order No. PSC-16-0250-PAA-EI, customer contributions to the decommissioning trust remain at zero effective June 29, 2016.

4. **Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).**

None

5. **Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.**

None

6. **Any material changes to trust agreements.**

None

¹ NRC letter dated November 26, 2008, St. Lucie Plant, Unit Nos. 1 and 2 – Biennial Decommissioning Funding Report (TAC Nos. MD9354 and MD9355), directed FPL to report all funds within the trust as designated for radiological decommissioning purposes since FPL does not earmark each cost component of decommissioning within the trust. However, the trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, St. Lucie Unit 1 allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in December 2015 with the FPSC.

ST. LUCIE NUCLEAR PLANT - UNIT 1
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$101.58 million X (0.65L + 0.13E + 0.22B)

Where:

\$101.58 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year³

E = Energy escalation factor to current year⁴

B = LLRW escalation factor to current year⁵

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ³	132.5
2	Base adjustment factor from NUREG-1307 ²	1.98
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.62
5	Electric power escalation factor, 2018 ⁶	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ⁷	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ⁵	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.84
14	1986 minimum-millions of dollars for PWR	101.58
15	2018 minimum-millions of dollars: #13 times #14	491.7

² NUREG 1307, Rev 17, Table 3.2

³ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU201000000220I (South Region).

⁴ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

⁵ NUREG 1307 provides a value for B in Table 2.1.

⁶ December 2018 value is 240.2 (See note #4) Information was preliminary as of 01/15/19.

⁷ December 2018 value is 223.6 (See note #4) Information was preliminary as of 01/15/19.

ST. LUCIE NUCLEAR PLANT - UNIT 1

The St. Lucie Unit 1 trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, the data summarized below allocates the NRC license termination portion of the trust fund balance based upon percentages in FPL's most recent FPSC decommissioning cost study. St. Lucie Unit 1 is utilizing the formula method to demonstrate financial assurance pursuant to 10CFR 50.75(b).

Florida Power and Light Company		
Decommissioning Trust Fund - License Termination Funds		
As of December 31, 2018		
TLG Cost Study (thousands of \$2015)		St. Lucie Unit 1
License Termination		589,149
Spent Fuel Management		296,190
Site Restoration		49,309
Total		934,648
Category %		
License Termination		63.03%
Spent Fuel Management		31.69%
Site Restoration		5.28%
Total		100%
Projected Trust Fund Balance at Shutdown		1,428,728,538
Projection at Shutdown - License Termination Portion (Allocation based on TLG Study)		900,589,301

**St. Lucie Nuclear Plant – Unit 2
Florida Power and Light Company (FPL),
Florida Municipal Power Agency (FMPA),
Orlando Utilities Commission (OUC)
Decommissioning Funding Status Report**

1. The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).

Plant Owner (% Ownership)	NRC Minimum (a)
FPL (85.10449%)	418,431,944
FMPA (8.806%)	43,296,326
OUC (6.08951%)	29,940,201
Total	491,668,470

(a) Refer to St. Lucie Unit 2 for calculation assumptions

2. The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balances are net of taxes)

	Total⁸
FPL (85.10449%)	860,941,961
FMPA (8.806%)	81,873,016
OUC (6.08951%)	42,227,949
Total	985,042,925

3. Projected Funds at Shutdown (2% real rate of return).

	Total
FPL (85.10449%) (see note (b))	1,392,455,526
FMPA (8.806%) (see note (c))	132,418,372
OUC (6.08951%) (see note (c))	68,297,915
Total	1,593,171,813

(b) Pursuant to Florida Public Service Commission (FPSC) Order No. PSC-16-0250-PAA-EI, customer contributions to the decommissioning trust remain at zero effective June 29, 2016.

(c) Assumes no contributions to the fund.

4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.

None

6. Any material changes to trust agreements.

None

⁸ NRC letter dated November 26, 2008, St. Lucie Plant, Unit Nos. 1 and 2 – Biennial Decommissioning Funding Report (TAC Nos. MD9354 and MD9355), directed FPL to report all funds within the trust as designated for radiological decommissioning purposes since FPL does not earmark each cost component of decommissioning within the trust. However, the trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, St. Lucie Unit 2, allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in December 2015 with the FPSC.

ST. LUCIE NUCLEAR PLANT - UNIT 2
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$101.58 million X (0.65L + 0.13E + 0.22B)

Where:

\$101.58 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year¹⁰

E = Energy escalation factor to current year¹¹

B = LLRW escalation factor to current year¹²

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ¹⁰	132.5
2	Base adjustment factor from NUREG-1307 ⁹	1.98
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.62
5	Electric power escalation factor, 2018 ¹³	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ¹⁴	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ¹²	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.84
14	1986 minimum-millions of dollars for PWR	101.58
15	2018 minimum-millions of dollars: #13 times #14	491.7

⁹ NUREG 1307, Rev 17, Table 3.2

¹⁰ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU20100000002201 (South Region).

¹¹ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

¹² NUREG 1307 provides a value for B in Table 2.1.

¹³ December 2018 value is 240.2 (See note #11) Information was preliminary as of 01/15/19.

¹⁴ December 2018 value is 223.6 (See note #11) Information was preliminary as of 01/15/19.

ST. LUCIE NUCLEAR PLANT - UNIT 2

The St. Lucie Unit 2 trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, the data summarized below allocates the NRC license termination portion of the trust fund balance based upon percentages in FPL's most recent FPSC decommissioning cost study. St. Lucie Unit 2 is utilizing the formula method to demonstrate financial assurance pursuant to 10CFR 50.75(b).

Florida Power and Light Company					
Decommissioning Trust Fund - License Termination Funds					
As of December 31, 2018					
TLG Cost Study (thousands of \$2015)		St. Lucie Unit 2	FPL	FMPA	OUC
License Termination		619,088			
Spent Fuel Management		190,515			
Site Restoration		62,228			
Total		871,831			
Category %					
License Termination		71.01%			
Spent Fuel Management		21.85%			
Site Restoration		7.14%			
Total		100%			
Projected Trust Fund Balance at Shutdown		1,593,171,813	1,392,455,526	132,418,372	68,297,915
Projection at Shutdown - License Termination Portion (Allocation based on TLG Study)		1,131,312,779	988,783,958	94,030,409	48,498,413

**Turkey Point Nuclear Plant – Unit 3
Florida Power and Light Company (FPL),
Decommissioning Funding Status Report**

1. The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).

Plant Owner (% Ownership)	NRC Minimum (a)
FPL (100%)	475,652,555

(a) Refer to Turkey Point Unit 3 for calculation assumptions

2. The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balance is net of taxes)

	Total ¹⁵
FPL (100%)	839,232,304

3. Projected Funds at Shutdown (2% real rate of return).

	Total
FPL (100%) (see note (b))	1,097,718,787

(b) Pursuant to Florida Public Service Commission (FPSC) Order No. PSC-16-0250-PAA-EI, customer contributions to the decommissioning trust remain at zero effective June 29, 2016.

4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.

None

6. Any material changes to trust agreements.

None

¹⁵ NRC letter dated November 26, 2008, St. Lucie Plant, Unit Nos. 1 and 2 – Biennial Decommissioning Funding Report (TAC Nos. MD9354 and MD9355), directed FPL to report all funds within the trust as designated for radiological decommissioning purposes since FPL does not earmark each cost component of decommissioning within the trust. However, the trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, Turkey Point Unit 3, allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in December 2015 with the FPSC

TURKEY POINT NUCLEAR PLANT - UNIT 3
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$98.27 million X (0.65L + 0.13E + 0.22B)

Where:

\$98.27 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year¹⁷

E = Energy escalation factor to current year¹⁸

B = LLRW escalation factor to current year¹⁹

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ¹⁷	132.5
2	Base adjustment factor from NUREG-1307 ¹⁶	1.98
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.62
5	Electric power escalation factor, 2018 ²⁰	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ²¹	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ¹⁹	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.84
14	1986 minimum-millions of dollars for PWR	98.27
15	2018 minimum-millions of dollars: #13 times #14	475.7

¹⁶ NUREG 1307, Rev 17, Table 3.2

¹⁷ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU20100000002201 (South Region).

¹⁸ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

¹⁹ NUREG 1307 provides a value for B in Table 2.1.

²⁰ December 2018 value is 240.2. (See note #18) Information was preliminary as of 01/15/19.

²¹ December 2018 value is 223.6 (See note #18) Information was preliminary as of 01/15/19.

TURKEY POINT NUCLEAR PLANT - UNIT 3

The Turkey Point Unit 3 trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, the data summarized below allocates the NRC license termination portion of the trust fund balance based upon percentages in FPL's most recent FPSC decommissioning cost study. Turkey Point Unit 3 is utilizing the formula method to demonstrate financial assurance pursuant to 10CFR 50.75(b).

Florida Power and Light Company	
Decommissioning Trust Fund - License Termination Funds	
As of December 31, 2018	
TLG Cost Study (thousands of \$2015)	Turkey Point Unit 3
License Termination	580,783
Spent Fuel Management	224,586
Site Restoration	40,665
Total	846,034
Category %	
License Termination	68.65%
Spent Fuel Management	26.55%
Site Restoration	4.81%
Total	100%
Projected Trust Fund Balance at Shutdown	
	1,097,718,787
Projection at Shutdown - License Termination Portion (Allocation based on TLG Study)	
	753,558,852

**Turkey Point Nuclear Plant – Unit 4
Florida Power and Light Company (FPL),
Decommissioning Funding Status Report**

1. The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).

Plant Owner (% Ownership)	NRC Minimum (a)
FPL (100%)	475,652,555

(a) Refer to Turkey Point Unit 4 for calculation assumptions

2. The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balance is net of taxes)

	Total ²²
FPL (100%)	948,100,859

3. Projected Funds at Shutdown (2% real rate of return).

	Total
FPL (100%) (see note (b))	1,258,077,527

(b) Pursuant to Florida Public Service Commission (FPSC) Order No. PSC-16-0250-PAA-EI, customer contributions to the decommissioning trust remain at zero effective June 29, 2016.

4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.

None

6. Any material changes to trust agreements.

None

²² NRC letter dated November 26, 2008, St. Lucie Plant, Unit Nos. 1 and 2 – Biennial Decommissioning Funding Report (TAC Nos. MD9354 and MD9355), directed FPL to report all funds within the trust as designated for radiological decommissioning purposes since FPL does not earmark each cost component of decommissioning within the trust. However, the trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, Turkey Point Unit 4, allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in December 2015 with the FPSC.

TURKEY POINT NUCLEAR PLANT - UNIT 4
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$98.27 million X (0.65L + 0.13E + 0.22B)

Where:

\$98.27 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year²⁴

E = Energy escalation factor to current year²⁵

B = LLRW escalation factor to current year²⁶

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ²⁴	132.5
2	Base adjustment factor from NUREG-1307 ²³	1.98
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.62
5	Electric power escalation factor, 2018 ²⁷	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ²⁸	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ²⁶	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.84
14	1986 minimum-millions of dollars for PWR	98.27
15	2018 minimum-millions of dollars: #13 times #14	475.7

²³ NUREG 1307, Rev 17, Table 3.2

²⁴ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU201000000220I (South Region).

²⁵ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

²⁶ NUREG 1307 provides a value for B in Table 2.1.

²⁷ December 2018 value is 240.2 (See note #25) Information was preliminary as of 01/15/19.

²⁸ December 2018 value is 223.6 (See note #25) Information was preliminary as of 01/15/19.

TURKEY POINT NUCLEAR PLANT - UNIT 4

The Turkey Point Unit 4 trust includes non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the Florida Public Service Commission (FPSC). FPL understands that under NRC guidance, either an order of the FPSC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, the data summarized below allocates the NRC license termination portion of the trust fund balance based upon percentages in FPL's most recent FPSC decommissioning cost study. Turkey Point Unit 4 is utilizing the formula method to demonstrate financial assurance pursuant to 10CFR 50.75(b).

Florida Power and Light Company		
Decommissioning Trust Fund - License Termination Funds		
As of December 31, 2018		
TLG Cost Study (thousands of \$2015)		Turkey Point Unit 4
License Termination		624,798
Spent Fuel Management		255,084
Site Restoration		53,633
Total		933,515
Category %		
License Termination		66.93%
Spent Fuel Management		27.33%
Site Restoration		5.75%
Total		100%
Projected Trust Fund Balance at Shutdown		1,258,077,527
Projection at Shutdown - License Termination Portion (Allocation based on TLG Study)		842,026,451

**Seabrook Station
NextEra Energy Seabrook, LLC,
Hudson Light and Power Department,
Massachusetts Municipal Wholesale Electric Company,
Taunton Municipal Lighting Plant
Decommissioning Funding Status Report²⁹**

1. **The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).**

Plant Owner (% Ownership)	NRC Minimum (a)
NextEra Energy Seabrook, LLC. (88.22889%)	467,981,914
Hudson Light and Power Department (.07737%)	410,384
Massachusetts Municipal Wholesale Electric Company (11.5934%)	61,493,480
Taunton Municipal Lighting Plant (.10034%)	532,221
Total	530,418,000

(a) Refer to Seabrook for calculation assumptions

2. **The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balances are net of taxes)**

	Total³⁰
NextEra Energy Seabrook, LLC. (88.22889%)	625,374,110
Hudson Light and Power Department (.07737%)	551,959
Massachusetts Municipal Wholesale Electric Company (11.5934%)	61,431,124
Taunton Municipal Lighting Plant (.10034%)	720,042
Total	688,077,235

3. **Projected Funds at Shutdown (2% real rate of return).**

	Total
NextEra Energy Seabrook, LLC. (88.22889%)	1,246,867,218
Hudson Light and Power Department (.07737%)	1,100,493
Massachusetts Municipal Wholesale Electric Company (11.5934%)	122,481,014
Taunton Municipal Lighting Plant (.10034%)	1,435,615
Total	1,371,884,340

²⁹ The New Hampshire Nuclear Decommissioning Financing Committee (NDFC) was established under New Hampshire law to provide assurance of adequate funding for decommissioning of nuclear generating facilities. This was intended "to ensure proper and safe decommissioning and subsequent surveillance of nuclear reactor sites to the extent necessary to prevent such sites from constituting a hazard to future generations." RSA 162-F:1. The NDFC is responsible for determining the appropriate amount of money that needs to be set aside and maintained in a trust fund, for the purpose of decommissioning any nuclear facilities located in the state of New Hampshire.

³⁰ NRC letter dated November 26, 2008, St. Lucie Plant, Unit Nos. 1 and 2 – Biennial Decommissioning Funding Report (TAC Nos. MD9354 and MD9355), directed FPL to report all funds within the trust as designated for radiological decommissioning purposes since FPL does not earmark each cost component of decommissioning within the trust. The Seabrook trusts contain non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the NDFC. NextEra understands that under NRC guidance, either an order of the NDFC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, Seabrook allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in 2015 with the NDFC.

**Seabrook Station
NextEra Energy Seabrook, LLC,
Hudson Light and Power Department,
Massachusetts Municipal Wholesale Electric Company,
Taunton Municipal Lighting Plant
Decommissioning Funding Status Report**

- | | |
|--|---|
| 4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v). | <div style="border-bottom: 1px solid black; display: inline-block; padding: 0 10px;">None</div> |
| 5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report. | <div style="border-bottom: 1px solid black; display: inline-block; padding: 0 10px;">None</div> |
| 6. Any material changes to trust agreements. | <div style="border-bottom: 1px solid black; display: inline-block; padding: 0 10px;">None</div> |

SEABROOK STATION **NRC Minimum Decommissioning Cost Determination**

NRC Minimum = \$105 million X (0.65L + 0.13E + 0.22B)

Where:

\$105 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year³²

E = Energy escalation factor to current year³³

B = LLRW escalation factor to current year³⁴

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ³²	136.5
2	Base adjustment factor from NUREG-1307 ³¹	2.16
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.95
5	Electric power escalation factor, 2018 ³⁵	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ³⁶	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ³⁴	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	5.05
14	1986 minimum-millions of dollars for PWR	105
15	2018 minimum-millions of dollars: #13 times #14	530.4

³¹ NUREG 1307, Rev 17, Table 3.2

³² NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, and Series CIU20100000002101 (Northeast Region).

³³ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

³⁴ NUREG 1307 provides a value for B in Table 2.1.

³⁵ December 2018 value is 240.2 (See note #33) Information was preliminary as of 01/15/19.

³⁶ December 2018 value is 223.6 (See note #33) Information was preliminary as of 01/15/19.

SEABROOK STATION

The Seabrook trusts contain non-earmarked funds for spent fuel management and site restoration purposes collected at the direction of the New Hampshire Decommissioning Financing Committee (NDFC). NextEra understands that under NRC guidance, either an order of the NDFC or an NRC exemption would be necessary to utilize the funds for these non-radiological purposes. For informational purposes only, the data summarized below allocates the trust account amounts by license termination, spent fuel management and site restoration costs based on assumptions from the decommissioning cost study filed in 2015 with the NDFC. Seabrook is utilizing the formula method to demonstrate financial assurance pursuant to 10CFR 50.75(b).

NextEra Energy Seabrook, LLC					
Decommissioning Trust Fund - License Termination Funds					
As of December 31, 2018					
TLG Cost Study Scenario 1 (thousands of \$2015)	Seabrook	NextEra	Hudson	MMWEC	Taunton
License Termination	647,542				
Spent Fuel Management	232,292				
Site Restoration	51,564				
Total	931,398				
Component %					
License Termination	69.52%				
Spent Fuel Management	24.94%				
Site Restoration	5.54%				
Total	100%				
Projected Trust Fund Balance at Shutdown	1,371,884,340	1,246,867,218	1,100,493	122,481,014	1,435,615
Projection at Shutdown - License Termination Portion (Allocation based on TLG Study)	953,784,236	866,867,754	765,103	85,153,287	998,092

**Point Beach Nuclear Plant – Unit 1
NextEra Energy Point Beach, LLC (NextEra),
Decommissioning Funding Status Report**

1. The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).

	NRC Minimum (a)
NextEra (100%)	447,277,992

(a) Refer to Point Beach Unit 1 for calculation assumptions.

2. The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balance is net of taxes)

	Total
NextEra (100%)	401,729,516

3. Projected Funds at Shutdown (2% real rate of return).

	Total
NextEra (100%) (see note (b))	544,878,255

(b) Projection includes a pro-rata credit during the dismantlement period pursuant to 10CFR 50.75(e)(1)(ii).

4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.

None

6. Any material changes to trust agreements.

None

POINT BEACH NUCLEAR PLANT - UNIT 1
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$90.84 million X (0.65L + 0.13E + 0.22B)

Where:

\$90.84 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year³⁸

E = Energy escalation factor to current year³⁹

B = LLRW escalation factor to current year⁴⁰

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ⁴⁴	132.3
2	Base adjustment factor from NUREG-1307 ⁴³	2.08
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.75
5	Electric power escalation factor, 2018 ⁴¹	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ⁴²	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ⁴⁶	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.92
14	1986 minimum-millions of dollars for PWR	90.84
15	2018 minimum-millions of dollars: #13 times #14	477.3

³⁷ NUREG 1307, Rev 17, Table 3.2

³⁸ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU20100000002301 (Midwest Region).

³⁹ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

⁴⁰ NUREG 1307 provides a value for B in Table 2.1.

⁴¹ December 2018 value is 240.2 (See note #45) Information was preliminary as of 01/15/19.

⁴² December 2018 value is 223.6 (See note #45) Information was preliminary as of 01/15/19.

**Point Beach Nuclear Plant – Unit 2
NextEra Energy Point Beach, LLC (NextEra),
Decommissioning Funding Status Report**

1. The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(b) and (c).

	NRC Minimum (a)
NextEra (100%)	447,277,992

(a) Refer to Point Beach Unit 2 for calculation assumptions.

2. The amount accumulated at the end of the calendar year preceding the date of the report. (Trust fund balance is net of taxes)

	Total
NextEra (100%)	378,522,034

3. Projected Funds at Shutdown (2% real rate of return).

	Total
NextEra (100%) (see note (b))	538,507,257

(b) Projection includes a pro-rata credit during the dismantlement period pursuant to 10CFR 50.75(e)(1)(ii).

4. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

5. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report.

None

6. Any material changes to trust agreements.

None

POINT BEACH NUCLEAR PLANT - UNIT 2
NRC Minimum Decommissioning Cost Determination

NRC Minimum = \$90.84 million X (0.65L + 0.13E + 0.22B)

Where:

\$90.84 million is value for reference PWR in 1986 dollars

L = Labor escalation factor to current year⁴⁴

E = Energy escalation factor to current year⁴⁵

B = LLRW escalation factor to current year⁴⁶

#	Item Description	Value
1	Labor escalation factor for Quarter 4, 2018 ⁵⁰	132.3
2	Base adjustment factor from NUREG-1307 ⁴⁹	2.08
3	Escalation factor from NUREG-1307	100
4	L = #1 times #2 divided by #3	2.75
5	Electric power escalation factor, 2018 ⁴⁷	240.2
6	Electric power escalation factor for Jan., 1986 from NUREG-1307	114.2
7	Fuel escalation factor for 2018 ⁴⁸	223.6
8	Fuel escalation factor for Jan., 1986 from NUREG-1307	82
9	P = #5 divided by #6	2.10
10	F = #7 divided by #8	2.73
11	E = 0.58P(#9) + 0.42F(#10) per NUREG-1307	2.37
12	Value of B from Table 2.1 of NUREG-1307 ⁵²	12.853
13	0.65L(#4) + 0.13E(#11) + 0.22B(#12)	4.92
14	1986 minimum-millions of dollars for PWR	90.84
15	2018 minimum-millions of dollars: #13 times #14	447.3

⁴³ NUREG 1307, Rev 17, Table 3.2

⁴⁴ NUREG 1307 specified that source is Bureau of Labor Statistics Data, Employment Cost Index, Series CIU2010000000230I (Midwest Region).

⁴⁵ NUREG 1307 specifies that source is a weighted calculation using Bureau of Labor Statistics Data, Producer Price Index-Commodities, Series wpu0573 (light fuel oils) and wpu0543 (industrial electric power).

⁴⁶ NUREG 1307 provides a value for B in Table 2.1.

⁴⁷ December 2018 value is 240.2 (See note #51) Information was preliminary as of 01/15/19.

⁴⁸ December 2018 value is 223.6 (See note #51) Information was preliminary as of 01/15/19.

Enclosure 2

Independent Spent Fuel Storage Installation (ISFSI)
Decommissioning Financial Assurance Update
10 CFR 72.30(c)

ISFSI Decommissioning Financial Assurance Update 10 CFR 72.30(c)

Site-specific ISFSI decommissioning cost estimates were submitted with the Decommissioning Funding Status Reports dated March 30, 2017. The site-specific studies remain valid for technological and status changes, but have been escalated to account for inflation. The following table adjusts the current ISFSI Decommissioning Funding Plans to 2018 dollars.

Site	Trust Balance as of 12/31/18 (\$Thousands)	Projected 10 CFR 50.75 Decommissioning Trust Fund Value (\$Thousands)	NRC Minimum Amount per 10 CFR 50.75(b) (\$Thousands)	Decommissioning Trust Fund Value Surplus (\$Thousands)	ISFSI Decommissioning Cost Estimate (\$Thousands)
St. Lucie Unit 1	1,016,753	1,428,729	491,668	937,060	4,970
St. Lucie Unit 2 - FPL	860,942	1,392,456	418,432	974,024	4,230
St. Lucie Unit 2 - FMFA	81,873	132,418	43,296	89,122	438
St. Lucie Unit 2 - OUC	42,228	68,298	29,940	38,358	303
Turkey Point Unit 3	839,232	1,097,719	475,653	622,066	4,064
Turkey Point Unit 4	948,101	1,258,078	475,653	782,425	4,064
Seabrook - NextEra	625,374	1,246,867	467,982	778,885	5,166
Seabrook - MMWEC	61,431	122,481	61,493	60,988	679
Seabrook - Tauton	720	1,436	532	903	6
Seabrook - Hudson	552	1,100	410	690	5

The following tables supplement the 2015/2016 ISFSI decommissioning funding plans to address new information that may affect the previously submitted reports in accordance with 10 CFR 72.30(c)(1-4).

Turkey Point (Florida Power and Light Company)	
Spills of radioactive material producing additional residual radioactivity in onsite subsurface material	None
Facility modifications	None
Changes in authorized possession limits	None
Actual remediation costs that exceed previous cost estimate	None
St. Lucie (Florida Power and Light Company)	
Spills of radioactive material producing additional residual radioactivity in onsite subsurface material	None
Facility modifications	None
Changes in authorized possession limits	None
Actual remediation costs that exceed previous cost estimate	None
Seabrook (NextEra Energy Seabrook, LLC)	
Spills of radioactive material producing additional residual radioactivity in onsite subsurface material	None
Facility modifications	None
Changes in authorized possession limits	None
Actual remediation costs that exceed previous cost estimate	None
Point Beach (NextEra Energy Point Beach, LLC)	
Spills of radioactive material producing additional residual radioactivity in onsite subsurface material	None
Facility modifications	None
Changes in authorized possession limits	None
Actual remediation costs that exceed previous cost estimate	None