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Serial: RA-11-004
March 31, 2011

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555-0001

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324 / RENEWED LICENSE NOS. DPR-71 AND DPR-62

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT
DOCKET NO. 50-302 / LICENSE NO. DPR-72

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-400 / RENEWED LICENSE NO. NPF-63

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261 / RENEWED LICENSE NO. DPR-23

BIENNIAL DECOMMISSIONING FUNDING STATUS REPORT

Ladies and Gentlemen:

Pursuant to 10 CFR 50.75(f)(1), Carolina Power & Light Company, now doing business as Progress Energy Carolinas, Inc., and Florida Power Corporation, now doing business as Progress Energy Florida, Inc., submit this biennial status report for funding the decommissioning of each reactor listed above. The specific information required by 10 CFR 50.75(f)(1) is listed on Attachments 1 through 5.

Pursuant to 10 CFR 50.75(e)(1)(ii), Carolina Power & Light Company has authorization from the rate-setting authority of North Carolina to use a real rate of return greater than 2% for the North Carolina portion of the qualified decommissioning trust fund. In particular, the Public Staff of the North Carolina Utilities Commission (NCUC) reviewed the 2009 Decommissioning Cost and Funding Report filed on July 14, 2010, which indicated a projected net-of-tax rate of return of 6.00% for the qualified decommissioning trust fund and a projected cost escalation rate of 3% (resulting in a real rate of return of 3%). The Public Staff subsequently filed a report to the NCUC on March 17, 2011, in which they stated, "The projected rates of return appear to be reasonable and appropriate for the 2009 Cost Studies."

The NCUC issued an order on February 5, 2004, directing Carolina Power & Light Company to transition funds held in its internal reserve to the external nuclear decommissioning trust. This transition began in 2008, and as directed, the minimum annual transfer is 10% of the internal fund balance as of December 31, 2007. These transfers are shown on Attachments 1 – 4.

As of December 31, 2010, the total assets in the Carolina Power & Light Company qualified decommissioning trust funds were approximately allocated as 57%, 31%, and 12% in Domestic Equity,

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MLR

Fixed Income, and International Equity, respectively. As of December 31, 2010, the total assets in the Carolina Power & Light Company non-qualified decommissioning trust funds were approximately allocated as 100% in Municipal Bonds.

As of December 31, 2010, the total assets in the Florida Power Corporation qualified decommissioning trust funds were approximately allocated as 54%, 31%, and 14% in Domestic Equity, Fixed Income, and International Equity, respectively. As of December 31, 2010, the total assets in the Florida Power Corporation non-qualified decommissioning trust funds were approximately allocated as 100.0% in Municipal Bonds.

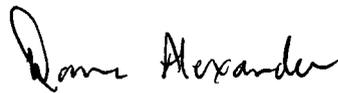
This document contains no new regulatory commitment.

As a convenience to the NRC, the biennial status report from the North Carolina Eastern Municipal Power Agency (NCEMPA) is enclosed for funding the decommissioning of the reactors, which are identified in Attachments 2, 3, and 4. However, neither co-owner assumes any responsibility for the information contained in the other's report.

Also enclosed, as a convenience to the NRC, is the status report from each co-owner for funding the decommissioning of the reactor identified in Attachment 5. However, none of the co-owners assumes any responsibility for the information contained in any other co-owner's report.

Please contact me at (919) 546-5357 if you need additional information concerning this report.

Sincerely,



Donna Alexander
Interim Manager - Nuclear Regulatory Affairs

DBM

Attachments:

- Attachment 1, Status of Financial Assurance Mechanism, H. B. Robinson Steam Electric Plant, Unit No. 2
- Attachment 2, Status of Financial Assurance Mechanism, Brunswick Steam Electric Plant, Unit No. 1
- Attachment 3, Status of Financial Assurance Mechanism, Brunswick Steam Electric Plant, Unit No. 2
- Attachment 4, Status of Financial Assurance Mechanism, Shearon Harris Nuclear Power Plant, Unit No. 1
- Attachment 5, Status of Financial Assurance Mechanism, Crystal River Unit 3 Nuclear Generating Plant

Enclosures:

- North Carolina Eastern Municipal Power Agency, Status of Financial Assurance Mechanism (6 pages)
- City of Alachua, Status of Financial Assurance Mechanism (1 page)
- City of Bushnell, Status of Financial Assurance Mechanism (1 page)
- City of Gainesville, Status of Financial Assurance Mechanism (1 page)
- City of Kissimmee, Status of Financial Assurance Mechanism (1 page)
- City of Leesburg, Status of Financial Assurance Mechanism (1 page)
- City of New Smyrna Beach, Status of Financial Assurance Mechanism (1 page)
- City of Ocala, Status of Financial Assurance Mechanism (1 page)
- Orlando Utilities Commission, Status of Financial Assurance Mechanism (1 page)
- Seminole Electric Cooperative, Inc., Status of Financial Assurance Mechanism (1 page)

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USNRC Region II

USNRC Resident Inspector – BSEP, Unit Nos. 1 and 2

USNRC Resident Inspector – CR3

USNRC Resident Inspector – SHNPP, Unit No. 1

USNRC Resident Inspector – HBRSEP, Unit No. 2

F. Saba, NRR Project Manager – BSEP, Unit Nos. 1 and 2; CR3

B. Mozafari, NRR Project Manager – SHNPP, Unit No. 1; HBRSEP, Unit No. 2

A. Graham – Chairman, Florida Public Service Commission

E. S. Finley, Jr. – Chairman, North Carolina Utilities Commission

R. Vance – North Carolina Utilities Commission

S. Watson – North Carolina Utilities Commission

W. L. Cox, III – Section Chief, Radiation Protection Section, North Carolina Department of
Environmental and Natural Resources

Attachment 1
Status of Financial Assurance Mechanism

H. B. Robinson Steam Electric Plant, Unit No. 2

Docket No. 50-261 / License No. DPR-23

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14:

\$425.1 million at expiration of current license, July 31, 2030

\$286.6 million estimated to be required from North Carolina

\$138.5 million estimated to be required from All Others

- Amount of decommissioning funds accumulated as of December 31, 2010¹: **\$311,666,147**

\$210,026,568 Qualified Funds accumulated from North Carolina

\$ 182,661 Non-Qualified Funds accumulated from North Carolina

\$101,456,918 Funds accumulated from All Others

- Schedule of the annual amounts remaining to be collected

NRC Required Minimum: \$0 million

\$0 million required annually from North Carolina

\$0 million required annually from All Others

Allowed by North Carolina Utilities \$9,668,420

Commission and Public Service \$7,879,432 to be collected annually from North Carolina

Commission of South Carolina: \$1,788,988 to be collected annually from South Carolina

Internal Reserve Fund Transfer to NDT \$5,875,099 (annual transfer through 2017)

Under wholesale contracts: \$1,284,058 (contribution is not credited in future years)

- Assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections

Rate of escalation in decommissioning costs = 0 %

Rate of earnings on decommissioning funds = 3.0 % (North Carolina Qualified Fund)

2.0 % (North Carolina Non-Qualified Fund)

2.0 % (All Other Contributions)

For wholesale contracts, the resultant assumed real rate of return of 2% is only applicable to funds accumulated from previous contributions associated with those contracts.

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report

None

- Material changes to trust agreements

Effective February 16, 2010, Progress Energy Service Company, LLC engaged Watson Wyatt Investment Consulting, Inc., a Tower Watson company as its new investment advisor. Towers Watson advises Progress Energy on its trust investments including its nuclear decommissioning trusts.

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

Attachment 1
Status of Financial Assurance Mechanism

H. B. Robinson Steam Electric Plant, Unit No. 2

Docket No. 50-261 / License No. DPR-23

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c), and a schedule of the remaining annual internal reserve transfers to the external trusts

<u>Year</u>	<u>Annual Payments</u>	<u>Internal Reserve Transfers</u>
2011	9,668,420	5,875,099
2012	9,668,420	5,875,099
2013	9,668,420	5,875,099
2014	9,668,420	5,875,099
2015	9,668,420	5,875,099
2016	9,668,420	5,875,099
2017	9,668,420	5,875,099
2018	9,668,420	
2019	9,668,420	
2020	9,668,420	
2021	9,668,420	
2022	9,668,420	
2023	9,668,420	
2024	9,668,420	
2025	9,668,420	
2026	9,668,420	
2027	9,668,420	
2028	9,668,420	
2029	9,668,420	
2030	5,639,912*	
Total	189,339,892	41,125,693

*2030 = 7 months of payments

Attachment 2
Status of Financial Assurance Mechanism

Brunswick Steam Electric Plant, Unit No. 1 **Docket No. 50-325 / License No. DPR-71**

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14:

\$587.9 million at expiration of current license, September 8, 2036

Progress Energy Carolinas, Inc. share (81.67%) = \$480.2 million

\$323.7 million estimated to be required from North Carolina

\$156.5 million estimated to be required from All Others

- Amount of decommissioning funds accumulated as of December 31, 2010¹: **\$224,176,756**

\$137,755,072 Qualified Funds accumulated from North Carolina

\$ 2,615,671 Non-Qualified Funds accumulated from North Carolina

\$ 83,806,013 Funds accumulated from All Others

- Schedule of the annual amounts remaining to be collected

NRC Required Minimum: \$0 million

\$0 million required annually from North Carolina

\$0 million required annually from All Others

Allowed by North Carolina Utilities \$952,765

Commission and Public Service \$710,564 to be collected annually from North Carolina

Commission of South Carolina: \$242,201 to be collected annually from South Carolina

Internal Reserve Fund Transfer to NDT \$4,724,403 (annual transfer through 2017)

Under wholesale contracts: \$1,191,218 (contribution is not credited in future years)

- Assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections

Rate of escalation in decommissioning costs = 0%

Rate of earnings on decommissioning funds = 3.0% (North Carolina Qualified Fund)

2.0% (North Carolina Non-Qualified Fund)

2.0% (All Other Contributions)

For wholesale contracts, the resultant assumed real rate of return of 2% is only applicable to funds accumulated from previous contributions associated with those contracts.

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report

None

- Material changes to trust agreements

Effective February 16, 2010, Progress Energy Service Company, LLC engaged Watson Wyatt Investment Consulting, Inc., a Tower Watson company as its new investment advisor. Towers Watson advises Progress Energy on its trust investments including its nuclear decommissioning trusts.

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

**Attachment 2
 Status of Financial Assurance Mechanism**

Brunswick Steam Electric Plant, Unit No. 1

Docket No. 50-325 / License No. DPR-71

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c), and a schedule of the remaining annual internal reserve transfers to the external trusts

<u>Year</u>	<u>Annual Payments</u>	<u>Internal Reserve Transfers</u>
2011	952,765	4,724,403
2012	952,765	4,724,403
2013	952,765	4,724,403
2014	952,765	4,724,403
2015	952,765	4,724,403
2016	952,765	4,724,403
2017	952,765	4,724,403
2018	952,765	
2019	952,765	
2020	952,765	
2021	952,765	
2022	952,765	
2023	952,765	
2024	952,765	
2025	952,765	
2026	952,765	
2027	952,765	
2028	952,765	
2029	952,765	
2030	952,765	
2031	952,765	
2032	952,765	
2033	952,765	
2034	952,765	
2035	952,765	
2036	714,574*	
Total	24,533,699	33,070,821

*2036 = 9 months of payments

**Attachment 3
Status of Financial Assurance Mechanism**

Brunswick Steam Electric Plant, Unit No. 2 Docket No. 50-324 / License No. DPR-62

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14:
\$587.9 million at expiration of current license, December 27, 2034
Progress Energy Carolinas, Inc. share (81.67%) = \$480.2 million
 - \$323.7 million estimated to be required from North Carolina
 - \$156.5 million estimated to be required from All Others
 - Amount of decommissioning funds accumulated as of December 31, 2010¹: **\$247,040,027**
 - \$153,364,633 Qualified Funds accumulated from North Carolina
 - \$ 31,545 Non-Qualified Funds accumulated from North Carolina
 - \$ 93,643,849 Funds accumulated from All Others
 - Schedule of the annual amounts remaining to be collected
 - NRC Required Minimum: \$0 million**
 - \$0 million required annually from North Carolina
 - \$0 million required annually from All Others
 - Allowed by North Carolina Utilities \$678,033**
 - Commission and Public Service \$445,886 to be collected annually from North Carolina**
 - Commission of South Carolina: \$232,147 to be collected annually from South Carolina**
 - Internal Reserve Fund Transfer to NDT \$6,382,321 (annual transfer through 2017)**
 - Under wholesale contracts: \$1,392,273 (contribution is not credited in future years)**
 - Assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections
 - Rate of escalation in decommissioning costs = 0%**
 - Rate of earnings on decommissioning funds = 3.0% (North Carolina Qualified Fund)**
2.0% (North Carolina Non-Qualified Fund)
2.0% (All Other Contributions)
- For wholesale contracts, the resultant assumed real rate of return of 2% is only applicable to funds accumulated from previous contributions associated with those contracts.
- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)
None
 - Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report
None
 - Material changes to trust agreements
Effective February 16, 2010, Progress Energy Service Company, LLC engaged Watson Wyatt Investment Consulting, Inc., a Tower Watson company as its new investment advisor. Towers Watson advises Progress Energy on its trust investments including its nuclear decommissioning trusts.

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

Attachment 3
Status of Financial Assurance Mechanism
Brunswick Steam Electric Plant, Unit No. 2 Docket No. 50-324 / License No. DPR-62 .

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c), and a schedule of the remaining annual internal reserve transfers to the external trusts

<u>Year</u>	<u>Annual Payments</u>	<u>Internal Reserve Transfers</u>
2011	678,033	6,382,321
2012	678,033	6,382,321
2013	678,033	6,382,321
2014	678,033	6,382,321
2015	678,033	6,382,321
2016	678,033	6,382,321
2017	678,033	6,382,321
2018	678,033	
2019	678,033	
2020	678,033	
2021	678,033	
2022	678,033	
2023	678,033	
2024	678,033	
2025	678,033	
2026	678,033	
2027	678,033	
2028	678,033	
2029	678,033	
2030	678,033	
2031	678,033	
2032	678,033	
2033	678,033	
2034	678,033	
Total	16,272,792	44,676,247

Attachment 4
Status of Financial Assurance Mechanism

Shearon Harris Nuclear Power Plant, Unit No. 1

Docket No. 50-400 / License No. NPF-63

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14:

\$447.1 million at expiration of current license, October 24, 2046

Progress Energy Carolinas, Inc. share (83.83%) = \$374.8 million

\$252.6 million estimated to be required from North Carolina

\$122.2 million estimated to be required from All Others

- Amount of decommissioning funds accumulated as of December 31, 2010¹: **\$234,562,613**

\$142,471,204 Qualified Funds accumulated from North Carolina

\$ 22,379,910 Non-Qualified Funds accumulated from North Carolina

\$ 69,711,499 Funds accumulated from All Others

- Schedule of the annual amounts remaining to be collected

NRC Required Minimum: \$0 million

\$0 million required annually from North Carolina

\$0 million required annually from All Others

Allowed by North Carolina Utilities \$13,885,194

Commission and Public Service \$11,497,075 to be collected annually from North Carolina

Commission of South Carolina: \$2,388,119 to be collected annually from South Carolina

Internal Reserve Fund Transfer to NDT \$1,821,385 (annual transfer through 2017)

Under wholesale contracts: \$831,592 (contribution is not credited in future years)

- Assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections

Rate of escalation in decommissioning costs = 0%

Rate of earnings on decommissioning funds = 3.0% (North Carolina Qualified Fund)

2.0% (North Carolina Non-Qualified Fund)

2.0% (All Other Contributions)

For wholesale contracts, the resultant assumed real rate of return of 2.0% is only applicable to funds accumulated from previous contributions associated with those contracts.

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report

None

- Material changes to trust agreements

Effective February 16, 2010, Progress Energy Service Company, LLC engaged Watson Wyatt Investment Consulting, Inc., a Tower Watson company as its new investment advisor. Towers Watson advises Progress Energy on its trust investments including its nuclear decommissioning trusts.

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

Attachment 4
Status of Financial Assurance Mechanism

Shearon Harris Nuclear Power Plant, Unit No. 1

Docket No. 50-400 / License No. NPF-63

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c), and a schedule of the remaining annual internal reserve transfers to the external trusts

<u>Year</u>	<u>Annual Payments</u>	<u>Internal Reserve Transfers</u>
2011	13,885,194	1,821,385
2012	13,885,194	1,821,385
2013	13,885,194	1,821,385
2014	13,885,194	1,821,385
2015	13,885,194	1,821,385
2016	13,885,194	1,821,385
2017	13,885,194	1,821,385
2018	13,885,194	
2019	13,885,194	
2020	13,885,194	
2021	13,885,194	
2022	13,885,194	
2023	13,885,194	
2024	13,885,194	
2025	13,885,194	
2026	13,885,194	
2027	13,885,194	
2028	13,885,194	
2029	13,885,194	
2030	13,885,194	
2031	13,885,194	
2032	13,885,194	
2033	13,885,194	
2034	13,885,194	
2035	13,885,194	
2036	13,885,194	
2037	13,885,194	
2038	13,885,194	
2039	13,885,194	
2040	13,885,194	
2041	13,885,194	
2042	13,885,194	
2043	13,885,194	
2044	13,885,194	
2045	13,885,194	
2046	11,570,995*	
Total	497,552,785	12,749,695

*2046 =10 months of payments

Attachment 5
Status of Financial Assurance Mechanism

Crystal River Unit 3 Nuclear Generating Plant

Docket No. 50-302 / License No. DPR-72

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14:

\$435.7 million at expiration of current license, December 3, 2016

Progress Energy Florida, Inc. share (91.7806%) = \$399.9 million

- Amount of decommissioning funds accumulated as of December 31, 2010¹:

\$553,504,101

- Schedule of the annual amounts remaining to be collected

None

- Assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections

Rate of escalation in decommissioning costs = 0%

Rate of earnings on decommissioning funds = 2%

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report

None

- Material changes to trust agreements

Effective February 16, 2010, Progress Energy Service Company, LLC engaged Watson Wyatt Investment Consulting, Inc., a Tower Watson company as its new investment advisor. Towers Watson advises Progress Energy on its trust investments including its nuclear decommissioning trusts.

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Brunswick Steam Electric Plant, Unit No. 1 (BNP) Docket No. 50-325 / License No. DPR-71

The following information is submitted in accordance with 10 CFR 50.75(c):

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b), (c) and NUREG-1307, Rev. 14:

\$587.9 million; NCEMPA Share (18.33%) = \$107.8 million

- The fund balance for the amount accumulated as of December 31, 2010¹:

\$ 79,567,010

- Sum of the annual amounts remaining to be collected:

\$ 6,437,500 (through September 8, 2036)

- Assumptions:

Escalation rate in decommissioning costs = 4.0%

Earnings rate on decommissioning funds = 5.5%

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report.

None

- Material changes to trust agreements.

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Brunswick Steam Electric Plant, Unit No. 1 (BNP) Docket No. 50-325 / License No. DPR-71

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c)

<u>Year</u>	<u>Annual Payments</u>
2011	250,000
2012	250,000
2013	250,000
2014	250,000
2015	250,000
2016	250,000
2017	250,000
2018	250,000
2019	250,000
2020	250,000
2021	250,000
2022	250,000
2023	250,000
2024	250,000
2025	250,000
2026	250,000
2027	250,000
2028	250,000
2029	250,000
2030	250,000
2031	250,000
2032	250,000
2033	250,000
2034	250,000
2035	250,000
2036	187,500*
Total	6,437,500

*2036 = 9 months of payments

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Brunswick Steam Electric Plant, Unit No. 2 (BNP) Docket No. 50-324 / License No. DPR-62

The following information is submitted in accordance with 10 CFR 50.75(c):

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b), (c) and NUREG-1307, Rev. 14:

\$587.9 million; NCEMPA Share (18.33%) = \$107.8 million

- The fund balance for the amount accumulated as of December 31, 2010¹:

\$87,015,018

- Sum of the annual amounts remaining to be collected:

\$6,000,000 (through December 27, 2034)

- Assumptions:

Escalation rate in decommissioning costs = 4.0%

Earnings rate on decommissioning funds = 5.5%

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report.

None

- Material changes to trust agreements.

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Brunswick Steam Electric Plant, Unit No. 2 (BNP) Docket No. 50-324 / License No. DPR-62

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c)

<u>Year</u>	<u>Annual Payments</u>
2011	250,000
2012	250,000
2013	250,000
2014	250,000
2015	250,000
2016	250,000
2017	250,000
2018	250,000
2019	250,000
2020	250,000
2021	250,000
2022	250,000
2023	250,000
2024	250,000
2025	250,000
2026	250,000
2027	250,000
2028	250,000
2029	250,000
2030	250,000
2031	250,000
2032	250,000
2033	250,000
2034	250,000
Total	6,000,000

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Shearon Harris Nuclear Power Plant, Unit No. 1 (HNP) Docket No. 50-400 / License No. NPF-63

The following information is submitted in accordance with 10 CFR 50.75(c):

- Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b), (c) and NUREG-1307, Rev. 14:

\$447.1 million; NCEMPA Share (16.17%) = \$72.3 million

- The fund balance for the amount accumulated as of December 31, 2010¹:

\$41,023,543

- Sum of the annual amounts remaining to be collected:

\$35,833,333 (through October 24, 2046)

- Assumptions:

Escalation rate in decommissioning costs = 4.0%

Earnings rate on decommissioning funds = 5.5%

- Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

None

- Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report.

None

- Material changes to trust agreements.

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

NORTH CAROLINA EASTERN MUNICIPAL POWER AGENCY SUBMITTAL

Status of Financial Assurance Mechanism

Shearon Harris Nuclear Power Plant, Unit No. 1 (HNP) Docket No. 50-400 / License No. NPF-63

- A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c)

<u>Year</u>	<u>Annual Payments</u>
2011	1,000,000
2012	1,000,000
2013	1,000,000
2014	1,000,000
2015	1,000,000
2016	1,000,000
2017	1,000,000
2018	1,000,000
2019	1,000,000
2020	1,000,000
2021	1,000,000
2022	1,000,000
2023	1,000,000
2024	1,000,000
2025	1,000,000
2026	1,000,000
2027	1,000,000
2028	1,000,000
2029	1,000,000
2030	1,000,000
2031	1,000,000
2032	1,000,000
2033	1,000,000
2034	1,000,000
2035	1,000,000
2036	1,000,000
2037	1,000,000
2038	1,000,000
2039	1,000,000
2040	1,000,000
2041	1,000,000
2042	1,000,000
2043	1,000,000
2044	1,000,000
2045	1,000,000
2046	833,333*
Total	35,833,333

*2046 = 10 months of payments

CITY OF ALACHUA
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$ 435.7 million at expiration of current license on December 3, 2016.
City of Alachua share (0.0779%) = \$339,390.
- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$554,660
- 3) Annual amounts remaining to be collected:

None
- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.
The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.
- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None
- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None
- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF BUSHNELL
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of Bushnell share (0.0388%) = \$169,041.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$273,499

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.

The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF GAINESVILLE
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of Gainesville share (1.4079%) = \$6,133,851.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$9,724,974

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.

The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF KISSIMMEE
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of Kissimmee share (0.6754%) = \$2,942,541.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$4,939,881

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.

The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF LEESBURG
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of Leesburg share (0.8244%) = \$3,591,695.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$5,712,416

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.

The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF NEW SMYRNA BEACH
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of New Smyrna Beach share (0.5608%) = \$2,443,259.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$2,660,772

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed cost escalation rate is 3.45%.

The assumed earnings rate is 0.1%.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

CITY OF OCALA
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

City of Ocala share (1.3333%) = \$5,808,839.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$9,203,181

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed Cost Escalation Rate is 3.45%.

The assumed earnings rate is 7.422% for the portion invested at a guaranteed fixed rate through 2016 (guaranteed by a forward delivery agreement) and 4.00% for the rest.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

ORLANDO UTILITIES COMMISSION
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

Orlando Utilities Commission share (1.6015%) = \$6,977,316.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$12,345,391

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed cost escalation rate is 2.97%.

The assumed earnings rate is 2.75% in 2011, 3.75% in 2012, 4.35% in 2013, and 4.80% thereafter.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.

SEMINOLE ELECTRIC COOPERATIVE, INC.
Status of Financial Assurance Mechanism
Crystal River Plant -- Docket No. 50-302 / License No. DPR-72

- 1) Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) and NUREG-1307, Rev. 14.

\$435.7 million at expiration of current license on December 3, 2016.

Seminole Electric Cooperative, Inc. share (1.6994%) = \$7,403,841.

- 2) Fund Balance for the amount of funds accumulated in the decommissioning trust fund at the end of December 31, 2010¹:

\$9,610,461

- 3) Annual amounts remaining to be collected:

None

- 4) Assumptions:

The assumed cost escalation rate is 3.45%.

The assumed earnings rate is 8.00%.

- 5) Contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v):

None

- 6) Modifications occurring to a licensee's current method of providing financial assurance since the last submitted report:

None

- 7) Material changes to trust agreements:

None

¹ The Funds shown reflect the total amount of funds in the Trust, all of which are available for Radiological Decommissioning, if needed.