



**Florida
Power**

CORPORATION
Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72

March 28, 2000
3F0300-12

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

Subject: Decommissioning Financial Assurance Report

Dear Sir:

In accordance with 10 CFR 50.75(f)(1), Florida Power Corporation (FPC) hereby submits the Decommissioning Financial Assurance Report for Crystal River Unit 3 (CR-3), Operating License No. DPR-72.

The attached report is being submitted on behalf of FPC and the other nine CR-3 Participants. As the lead licensee, FPC has coordinated the funding documentation and reporting for all CR-3 Participants.

There are no new regulatory commitments made in this submittal. If you have any questions regarding this submittal, please contact Mr. Steve Garry, Supervisor, Environmental and Radiological Compliance at (352) 563-4777.

Sincerely,

John J. Holden
Vice President and Site Director

JJH/smg

Attachment

xc: Regional Administrator, Region II
Senior Resident Inspector
NRR Project Manager
Robert Wood (Mail Stop 011-F1)

A001

FLORIDA POWER CORPORATION
CRYSTAL RIVER UNIT 3
DOCKET NO. 50-302/LICENSE NO. DPR-72

ATTACHMENT

DECOMMISSIONING FINANCIAL ASSURANCE REPORT

**Florida Power Corporation
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72**

*Contact: Mr. Steven Garry
Florida Power Corporation
15760 W. Power Line St. (NA2H)
Crystal River, FL 34428*

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The Florida Power Corporation share of the Crystal River Nuclear Power Plant is 91.7806%, or a minimum funding share amount of \$244,594,086.

2. The amount accumulated at December 31, 1999:

The fund balance is \$356,393,195.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$256,802,681.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$21,715,968. The annual accrual rate for radiological decommissioning is \$15,647,658. FPC is accruing funds at a rate sufficient to meet the site specific cost study approved by the Florida Public Service Commission (FPSC) Order No. PSC-95-1531A-FOF-EI in December 1995.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%, which is the rate approved by the FPSC.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 4.9%, which is the rate approved by the FPSC.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

FPC amended and restated the nuclear decommissioning trust agreement effective September 1, 1994. This amended trust agreement was submitted to the NRC on May 23, 1997.

City of Alachua
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

Contact: Mr. Charles M. Morris, City Manager
City of Alachua
P.O. Box 9
Alachua, FL 32616-0009

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of Alachua share of the Crystal River Nuclear Power Plant is 0.0779%, or a minimum funding share amount of \$207,602.

2. The amount accumulated at December 31, 1999:

The fund balance is \$167,394.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$120,617.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$27,600.

The annual accrual rate for radiological decommissioning is \$19,887.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 5.5%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

City of Bushnell
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

*Contact: Mr. Vince Ruano
City Manager
City of Bushnell
P.O. Box 115
Bushnell, FL 33513-0115*

1. *Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:*

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of Bushnell share of the Crystal River Nuclear Power Plant is 0.0388%, or a minimum funding share amount of \$103,401.

2. *The amount accumulated at December 31, 1999:*

The fund balance is \$91,354.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$65,826.

3. *A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:*

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$12,900.

The annual accrual rate for radiological decommissioning is \$9,295.

4. *The assumptions used regarding rates of escalation in decommissioning costs:*

The assumed cost escalation rate is 5.5%.

5. *The assumptions used regarding rates of earnings on decommissioning funds:*

The assumed earnings rate is 5.5%.

6. *The assumptions used regarding rates of other factors used in funding projections:*

None.

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

None.

8. *Any modifications occurring to the current method of providing financial assurance since the last submitted report:*

None.

9. *Any material changes to trust agreement:*

None.

City of Gainesville
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

*Contact: Mr. Douglas C. Beck, Manager, Power Engineering
City of Gainesville
Station A132
P.O. Box 147117
Gainesville, FL 32614-7117*

1. *Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:*

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of Gainesville share of the Crystal River Nuclear Power Plant is 1.4079%, or a minimum funding share amount of \$3,752,035.

2. *The amount accumulated at December 31, 1999:*

The fund balance is \$2,678,641.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$1,930,122.

3. *A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:*

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$531,000.

The annual accrual rate for radiological decommissioning is \$382,617.

4. *The assumptions used regarding rates of escalation in decommissioning costs:*

The assumed cost escalation rate is 5.5%.

5. *The assumptions used regarding rates of earnings on decommissioning funds:*

The assumed earnings rate is 5.5%.

6. *The assumptions used regarding rates of other factors used in funding projections:*

None.

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

None.

8. *Any modifications occurring to the current method of providing financial assurance since the last submitted report:*

None.

9. *Any material changes to trust agreement:*

None.

**Kissimmee Utility Authority
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72**

*Contact: Mr. A. K. Sharma
Director, Power Supply
Kissimmee Utility Authority
P.O. Box 423219
Kissimmee, FL 34742-3219*

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The Kissimmee Utility Authority share of the Crystal River Nuclear Power Plant is 0.6754%, or a minimum funding share amount of \$1,799,932.

2. The amount accumulated at December 31, 1999:

The fund balance is \$1,323,289.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$953,509.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$250,700.

The annual accrual rate for radiological decommissioning is \$180,644 for all subsequent years.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 5.5%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

City of Leesburg
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

Contact: Mr. Anthony Otte
City Manager
City of Leesburg
P. O. Box 490630
Leesburg, FL 34749-0630

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of Leesburg share of the Crystal River Nuclear Power Plant is 0.8244%, or a minimum funding share amount of \$2,197,015.

2. The amount accumulated at December 31, 1999:

The fund balance is \$1,617,571.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$1,165,557.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$305,800.

The annual accrual rate for radiological decommissioning is \$220,347.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 5.5%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

City of Ocala
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

Contact: Mr. Dean G. Shaw, Director
City of Ocala
P.O. Box 1270
Ocala, FL 34478-1270

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of Ocala share of the Crystal River Nuclear Power Plant is 1.3333%, or a minimum funding share amount of \$3,553,227.

2. The amount accumulated at December 31, 1999:

The fund balance is \$2,486,809.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$1,791,895.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$509,000 for all subsequent years.

The annual accrual rate for radiological decommissioning is \$366,765.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 5.5%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

**City of New Smyrna Beach
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72**

*Contact: Mr. Timothy Beyrle
Manager, System Operations and Generation
City of New Smyrna Beach
P.O. Box 100
New Smyrna Beach, FL 32170-0100*

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The City of New Smyrna Beach share of the Crystal River Nuclear Power Plant is 0.5608%, or a minimum funding share amount of \$1,494,525.

2. The amount accumulated at December 31, 1999:

The fund balance is \$1,959,114.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$1,411,659.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$135,000.

The annual accrual rate for radiological decommissioning is \$97,276.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 5.7%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

**Orlando Utilities Commission
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72**

*Contact: Mr. Frederick F. Haddad, Jr. P.E.
Vice President, Power Resources
Orlando Utilities Commission
P.O. Box 3193
Orlando, FL 32802-3193*

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The Orlando Utilities Commission share of the Crystal River Nuclear Power Plant is 1.6015%, or a minimum funding share amount of \$4,267,976.

2. The amount accumulated at December 31, 1999:

The fund balance is \$4,557,825.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$3,284,186.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$132,199.

The annual accrual rate for radiological decommissioning is \$95,257.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.0%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 6.18%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.

Seminole Electric Cooperative, Inc.
Decommissioning Financial Assurance Report
Crystal River Nuclear Plant DPR-72

Contact: Mr. James Duren
Seminole Electric Cooperative, Inc.
P.O. Box 272000
Tampa, FL 33688-2000

1. Amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75(b) and (c) at December 31, 1999:

The minimum amount for the Crystal River Nuclear Power Plant using the waste vendor waste disposal factor of 7.173 as listed in NUREG 1307, Rev. 8 is \$266,498,679.

The Seminole Electric Cooperative, Inc. share of the Crystal River Nuclear Power Plant is 1.6994%, or a minimum funding share amount of \$4,528,879.

2. The amount accumulated at December 31, 1999:

The fund balance is \$4,342,157.

The amount prorated for radiological decommissioning of residual radioactivity per 10 CFR 50.75 is \$3,128,785.

3. A schedule of the future annual contributions/accruals to be made into the external sinking fund through 2016:

The annual accrual rate for radiological decommissioning, non-radiological decommissioning and high-level waste management is \$127,336.

The annual accrual rate for radiological decommissioning is \$91,753.

4. The assumptions used regarding rates of escalation in decommissioning costs:

The assumed cost escalation rate is 5.5%.

5. The assumptions used regarding rates of earnings on decommissioning funds:

The assumed earnings rate is 8.0%.

6. The assumptions used regarding rates of other factors used in funding projections:

None.

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

None. Revenue is generated from wholesale power agreements with its 10 members.

8. Any modifications occurring to the current method of providing financial assurance since the last submitted report:

None.

9. Any material changes to trust agreement:

None.