Lewis Sumner Vice President Hatch Project Support Southern Nuclear Operating Company, Inc. 40 Inverness Parkway Post Office Box 1295 Birmingham, Alabama 35201

Tel 205 992.7279 Fax 205 992 0341



Energy to Serve Your World

March 26, 2003

Docket Nos.:

50-321

50-366

NL-03-0693

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant
Financial Assurance Requirements for Decommissioning
Nuclear Power Reactors (10 CFR 50.75(f)(1))

### Ladies and Gentlemen:

Pursuant to 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC the status of its decommissioning funding for each reactor or part of each reactor it owns on a calendar year basis, beginning on March 31, 1999, and every two years thereafter. Southern Nuclear Operating Company (Southern Nuclear) holds operating licenses DPR-7 and NPF-5 for the Edwin I. Hatch Nuclear Plant. On behalf of the licensed owners of the Edwin I. Hatch Nuclear Plant (Georgia Power Company, Oglethorpe Power Corporation, the Municipal Electric Authority of Georgia, and the City of Dalton, Georgia), Southern Nuclear provides the enclosed submittals in accordance with the requirements of 10 CFR 50.75(f)(1).

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

H. L. Sumner, Jr.

HLS/TWS/sdl

**Enclosures:** 

1. Georgia Power Company letter dated March 11, 2003

2. Municipal Electric Authority of Georgia letter dated March 19, 2003

3. Oglethorpe Power Corporation letter dated February 27, 2003

4. City of Dalton, Georgia letter dated February 13, 2003

Add Michael A. Dusaniwskys
Add Michael A. Copy
Add A

U. S. Nuclear Regulatory Commission NL-03-0693 Page 2

cc: Southern Nuclear Operating Company

Mr. J. D. Woodard, Executive Vice President Mr. P. H. Wells, General Manager – Plant Hatch Document Services RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission

Mr. L. A. Reyes, Regional Administrator Mr. L. N. Olshan, NRR Project Manager – Hatch

Mr. N. P. Garrett, Acting Senior Resident Inspector - Hatch

Georgia Power Company

Mr. A. L. Leverett, Executive Vice President and CFO

Municipal Electric Authority of Georgia

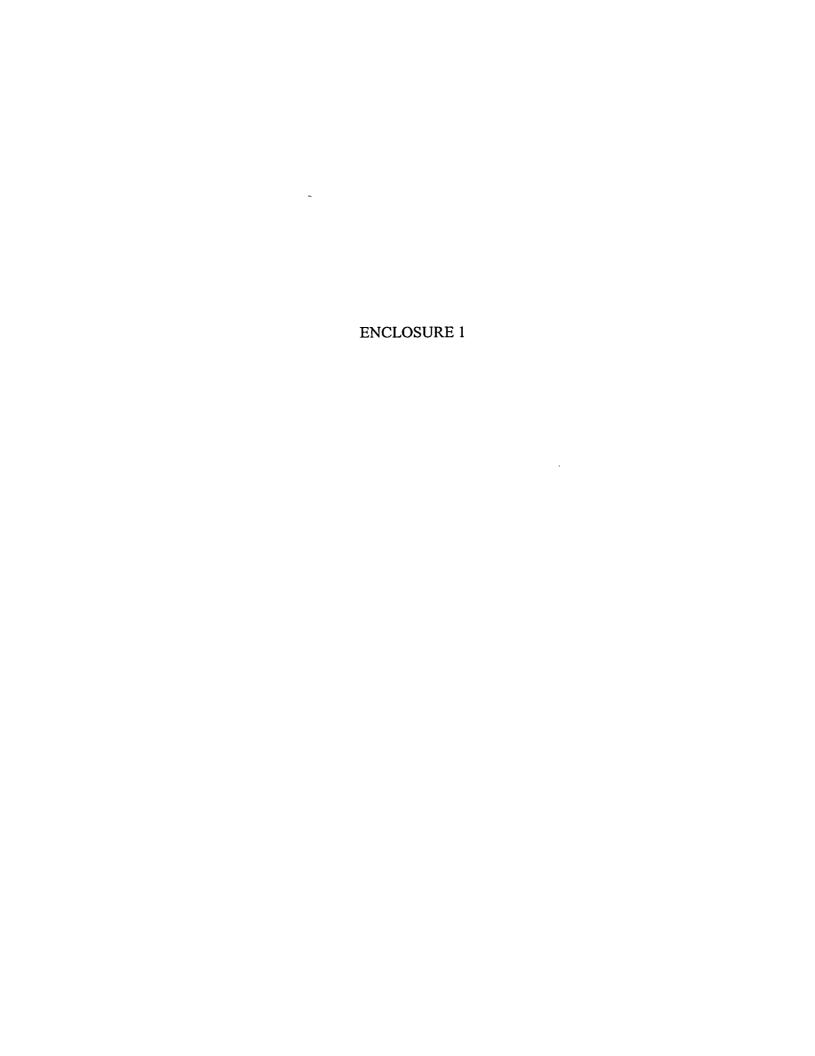
Mr. J. E. Fuller, Senior Vice President and CFO

City of Dalton, Georgia

Mr. D. Cope, President and CEO

Oglethorpe Power Corporation

Ms. A. F. Appleby, Vice President Finance



Allen L Leverett
Executive Vice President and
Chief Financial Officer

Bın 10240 241 Ralph McGill Boulevard NE Atlanta, Georgia 30308-3374

Tel 404 506 5710 Fax 404 506 5712

March 11, 2003



Docket Nos. 50-321 50-366

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C. 20555

Edwin I. Hatch Nuclear Plant
Financial Assurance Requirements for Decommissioning
Nuclear Power Reactors (10 CFR 50.75(f)(1))

### Dear Ladies and Gentlemen:

Pursuant to 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC the status of its decommissioning funding for each reactor or part of each reactor it owns on a calendar year basis, beginning on March 31, 1999, and every two years thereafter. Georgia Power Company (GPC) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses DPR-7 and NPF-5 issued for Edwin I. Hatch Nuclear Plant Unit 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Edwin I. Hatch Nuclear Plant, is providing this information to the NRC on behalf of GPC.

Based on the information presented herein, there is reasonable assurance that the funding necessary for decommissioning the Edwin I. Hatch Nuclear Plant, consistent with the NRC prescribed minimum set forth in 10 CFR 50.75(c), will be available on the expiration date of operating licenses DPR-7 and NPF-5.

Please advise if you have any questions or comments regarding the information provided herein.

Respectfully submitted,

GEORGIA POWER COMPANY, by,

allen Swant

/TWS

**Enclosure** 

cc: <u>Southern Nuclear Operating Company</u> Mr. H. L. Sumner, Vice President – Hatch

<u>U. S. Nuclear Regulatory Commission, Washington, D.C.</u> Mr. L. N. Olshan, NRR Licensing Project Manager – Hatch

U. S. Nuclear Regulatory Commission, Region II Mr. L. A. Reyes, Regional Administrator

Mr. N. P. Garrett, Acting Senior Resident Inspector - Hatch

# **Enclosure**

# **Edwin I. Hatch Nuclear Plant**

# Georgia Power Company Ownership Percentage – 50.1%

	10 CFR 50.75(f)(1) Requirement	Unit 1	Unit 2	
1	The NRC minimum decommissioning estimate, pursuant to 10 CFR 50.75(b) and (c). 1	\$ 206,309,000 <sup>2</sup>	\$ 206,309,000 <sup>2</sup>	
2	The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75(b) and (c).	he date of the report for		
3	A schedule of the annual amounts remaining to be collected; for items in 10 CFR 50.75(b) and (c).	See Schedule in Attachment 1	See Schedule in Attachment 1	
4	The assumptions used regarding:	Per GPSC Docket 14000-U	Per GPSC Docket 14000-U	
	<ul> <li>(a) rates of escalation in decommissioning costs;</li> </ul>	3.6%	3.6%	
	<ul><li>(b) rates of earnings on decommissioning funds; and</li></ul>	6.5%	6.5%	
	(c) rates of other factors used in funding projections	None	None	
5	Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)	None	None	
6	Any modifications to a licensee's current method providing financial assurance occurring since the last submitted report.	No modifications since the last report. Funding is to an External Sinking Fund with the source of funds from Traditional Cost of Service ratemaking as ordered by the GPSC in Docket 14000-U.	No modifications since the last report. Funding is to an External Sinking Fund with the source of funds from Traditional Cost of Service ratemaking as ordered by the GPSC in Docket 14000-U.	
7	Any material changes to trust agreements.	None	None	

### NOTES:

The NRC formulas in section 10 CFR 50.75(c) include only those decommissioning costs incurred by licensees to remove a facility or site safely from service and reduce residual radioactivity to levels that permit: (1) release of the property for unrestricted use and termination of the license; or (2) release of the property under restricted conditions and termination of the license. The cost of dismantling or demolishing non-radiological systems and structures is not included in the NRC decommissioning cost estimates. The costs of managing and storing spent fuel on-site until transfer to DOE are not included in the cost formulas.

<sup>&</sup>lt;sup>2</sup> This number is based on NUREG-1307, Rev. 10, for the burial factor (Option 2) and the December 2001 values for labor and energy factors.

# Attachment 1 **Schedule of Annual Amounts Included in Current Rates**

(Dollars in Thousands)

## **Plant Hatch**

YEAR FUND BAL         FUND BAL EARNINGS         FUND BAL CONTRIB         YEAR FUND BAL FUND BAL FUND BAL EARNINGS         FUND BAL EARNINGS         FUND FUND FUND FUND FUND FUND BAL EARNINGS         FUND FUND FUND FUND FUND FUND FUND FUND	,	HATCH 1				HATCH 2			
2003	YEAR	YEAR			YEAR	YEAR			END OF YEAR FUND BAL
2003	2002				440.404			· · · · · · · · · · · · · · · · · · ·	
2004   124,141   8,069   3,667   135,877   116,122   7,548   3,160   132		110 101	7.050	0.007					106,068
2005 135,877 8,832 3,667 148,376 126,830 8,244 3,160 135 2006 148,376 9,644 3,667 161,687 138,234 8,995 3,160 155 2007 161,687 10,510 3,667 175,864 150,379 9,775 3,160 163 2008 175,864 11,431 3,667 190,962 163,314 10,615 3,160 177 2009 190,962 12,413 3,667 207,042 177,089 11,511 3,160 191 2010 207,042 13,458 3,667 224,167 2011 224,167 14,571 3,667 224,165 207,384 13,480 3,160 226 2012 242,405 15,756 3,667 224,167 2013 261,828 17,019 3,667 282,514 2014 228,514 18,363 3,667 22,514 2014 228,514 18,363 3,667 304,544 260,619 16,940 3,160 286 2015 304,544 19,795 2,200 326,539 280,719 18,247 3,160 302 2016 326,539 21,225 0 347,764 302,126 19,638 3,160 324 2017 347,764 22,605 0 370,369 324,924 21,120 3,160 342 2018 370,369 24,074 0 394,443 349,204 22,698 3,160 375 2020 420,082 27,305 0 447,387 400,863 26,056 0 426 2021 447,387 29,080 0 476,467 426,919 27,750 0 455 2022 476,467 30,970 0 507,437 454,669 29,553 0 48,202 2024 476,467 30,970 0 575,547 515,696 33,520 0 54,220 2026 612,958 39,842 0 652,800 42,422 0 35,232 48,190 0 70,4042 2026 612,958 39,842 0 652,800 42,422 0 663,232 48,190 0 70,4042 663,425 43,123 0 70,622 2020 420,082 27,305 0 447,387 400,863 26,056 0 426 2026 612,958 39,842 0 652,800 584,915 38,019 0 622 2020 420,082 375,647 30,970 0 575,547 515,696 33,520 0 548 2026 612,958 39,842 0 652,800 42,432 0 652,									116,122
2006 148,376 9,644 3,667 161,687 138,234 8,995 3,160 155 2007 161,687 10,510 3,667 175,864 150,379 9,775 3,160 165 2008 175,864 11,431 3,667 190,962 163,314 10,615 3,160 177 2010 207,042 13,458 3,667 207,042 177,089 11,511 3,160 191 2010 207,042 13,458 3,667 244,167 244,167 14,571 3,667 242,405 207,042 11,4562 3,160 207 2011 224,167 14,571 3,667 242,405 207,384 13,480 3,160 224 2012 242,405 15,756 3,667 261,828 224,024 14,562 3,160 244 2013 261,828 17,019 3,667 282,514 241,746 15,713 3,160 260 2015 304,544 19,795 2,200 326,539 280,719 18,247 3,160 302 2016 326,539 21,225 0 347,764 302,126 19,638 3,160 322 2017 347,764 22,605 0 370,369 324,924 21,120 3,160 342 2017 347,764 22,605 0 370,369 324,924 21,120 3,160 342 2018 370,369 24,074 0 394,443 349,204 22,698 3,160 372 2018 370,369 24,074 0 394,443 349,204 22,698 3,160 372 2018 370,369 24,074 0 394,443 349,204 22,698 3,160 372 2019 394,443 25,639 0 420,082 375,062 24,379 1,422 400 2020 420,082 27,305 0 447,387 400,863 26,056 0 426 2022 476,467 30,970 0 507,437 454,669 29,553 0 482 2022 476,467 30,970 0 507,437 454,669 29,553 0 482 2022 476,467 30,970 0 507,437 454,669 29,553 0 482 2024 540,420 35,127 0 575,547 515,696 33,520 0 544,20 35,127 0 575,547 515,696 33,520 0 564,20 594,315 39,842 0 662,800 584,915 38,019 0 622 2027 652,800 42,432 0 695,232 62,934 40,491 0 663 2026 612,958 39,842 0 652,800 584,915 38,019 0 622 2027 652,800 42,432 0 695,232 62,934 40,491 0 663 2036 894,392 58,135 0 952,527 61,914 0 1,014,441 908,951 59,082 0 966,033 62,922 0 1,033 2035 2037 40,422 48,127 0 788,549 706,548 45,926 0 755,476 0 900 2037 52,474 48,911 0 800 303 52,527 61,914 0 1,014,441 908,951 59,082 0 968,033 62,922 0 1,033 62,035 67,012 0 1,034 2035 67,014 441 39,563 0 1,054,004 968,033 62,922 0 1,033 62,035 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 67,012 0 1,039 50 6				<del></del>					126,830
2007         161,887         10,510         3,667         175,864         150,379         9,775         3,160         163           2008         175,864         11,431         3,667         190,962         163,314         10,615         3,160         177           2010         207,042         13,458         3,567         224,167         191,760         12,464         3,160         297           2011         224,167         14,571         3,667         242,405         224,405         15,756         3,667         242,405         224,024         15,766         3,667         222,514         241,746         15,713         3,160         226           2014         282,514         18,363         3,667         282,514         241,746         15,713         3,160         280           2015         304,544         19,795         2,200         326,539         21,225         0         347,764         260,619         16,940         3,160         280           2017         347,764         22,605         0         370,369         240,774         0         394,443         349,204         22,698         3,160         324           2019         394,443         25,639         0								· — · · · · · · · · · · · · · · · · · ·	138,234
2008									150,379
2009   190,962   12,413   3.567   207,042   177,089   11,511   3,160   191								<del></del>	163,314
2010   207,042   13,458   3,667   224,167   224,167   191,760   12,464   3,160   207   2011   224,167   14,571   3,667   242,405   224,2405   15,756   3,667   261,828   224,024   14,562   3,160   224   2012   242,405   15,756   3,667   282,514   282,514   18,363   3,667   304,544   260,619   16,940   3,160   280   2016   326,539   21,225   0   347,764   22,605   0   370,369   240,74   0   394,443   240,863   24,074   0   394,443   349,204   22,698   3,160   375   375   374,764   22,605   0   370,369   240,74   0   394,443   349,204   22,698   3,160   375								<del></del>	177,089
2011									191,760
2012         242,405         15,756         3,667         261,828         224,024         14,562         3,160         241           2013         261,828         17,019         3,667         282,514         241,746         15,713         3,160         266           2014         282,514         18,363         3,667         304,544         260,619         16,940         3,160         282           2015         304,544         19,795         2,200         326,539         21,225         0         347,764         260,619         16,940         3,160         302           2016         326,539         21,225         0         347,764         20,019         347,764         22,605         0         370,369         324,924         21,120         3,160         342           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         372           2019         394,443         25,639         0         420,82         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0									207,384
2013         261,828         17,019         3,667         282,514         241,746         15,713         3,160         260           2014         282,514         18,363         3,667         304,544         260,619         16,940         3,160         280           2015         304,544         19,795         2,200         326,539         280,719         18,247         3,160         302           2016         326,539         21,225         0         347,764         20,082         370,369         24,074         0         394,443         302,126         19,638         3,160         324           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         342           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         452           2022         476,467         30,970         0						<u> </u>			224,024
2014         282,514         18,363         3.667         304,544         260,619         16,940         3,160         282           2015         304,544         19,795         2.200         326,539         280,719         18,247         3,160         302           2016         326,539         21,225         0         347,764         302,126         19,638         3,160         324           2017         347,764         22,605         0         370,369         324,924         21,120         3,160         345           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         345           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484      <							14,562	3,160	241,746
2015         304,544         19,795         2.200         326,539         280,719         18,247         3,160         302           2016         326,539         21,225         0         347,764         302,126         19,638         3,160         324           2017         347,764         22,605         0         370,369         324,924         21,120         3,160         345           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         375           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         35,127         0         575,547         515,696         33,520<									260,619
2016         326,539         21,225         0         347,764         302,126         19,638         3,160         324           2017         347,764         22,605         0         370,369         324,924         21,120         3,160         345           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         375           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         486           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         544				· · · · · · · · · · · · · · · · · · ·			16,940	3,160	280,719
2017         347,764         22,605         0         370,369         324,924         21,120         3,160         345           2018         370,369         24,074         0         394,443         349,204         22,698         3,160         375           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         544           2025         575,547         37,411         0         612,958         549,216         35,699         0         582           2026			19,795	2,200	326,539	280,719	18,247	3,160	302,126
2018         370,369         24,074         0         394,443         349,204         22,698         3,160         375           2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         456           2022         476,467         30,970         0         507,437         454,669         29,553         0         482           2023         507,437         32,983         0         540,420         484,222         31,474         0         511           2024         540,420         35,127         0         575,547         515,696         33,520         0         544           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         652,800         584,915         38,019         0         662           2027 <th></th> <th>326,539</th> <th>21,225</th> <th>0</th> <th>347,764</th> <th>302,126</th> <th>19,638</th> <th>3,160</th> <th>324,924</th>		326,539	21,225	0	347,764	302,126	19,638	3,160	324,924
2019         394,443         25,639         0         420,082         375,062         24,379         1,422         400           2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         546           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         695,232         622,934         40,491         0         662           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028	2017	347,764	22,605	0	370,369	324,924	21,120	3,160	349,204
2020         420,082         27,305         0         447,387         400,863         26,056         0         426           2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         546           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         692,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         666           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2030	2018	370,369	24,074	0	394,443	349,204	22,698	3,160	375,062
2021         447,387         29,080         0         476,467         426,919         27,750         0         454           2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         545           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         652,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2030         788,549         51,256         0         839,805         752,474         48,911         0         80           2031	2019	394,443	25,639	0	420,082	375,062	24,379	1,422	400,863
2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         545           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         652,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2030         788,549         51,256         0         839,805         752,474         48,911         0         80           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032	2020	420,082	27,305	0	447,387	400,863	26,056	0	426,919
2022         476,467         30,970         0         507,437         454,669         29,553         0         484           2023         507,437         32,983         0         540,420         484,222         31,474         0         515           2024         540,420         35,127         0         575,547         515,696         33,520         0         545           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         652,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2030         788,549         51,256         0         839,805         752,474         48,911         0         807           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032	2021	447,387	29,080	0	476,467	426,919	27,750	0	454,669
2024         540,420         35,127         0         575,547         515,696         33,520         0         544           2025         575,547         37,411         0         612,958         549,216         35,699         0         584           2026         612,958         39,842         0         652,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2039         740,422         48,127         0         788,549         706,548         45,926         0         752           2030         788,549         51,256         0         839,805         752,474         48,911         0         80           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         59,082         0         968           2034	2022	476,467	30,970	0	507,437	454,669	29,553	0	484,222
2025         575,547         37,411         0         612,958         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,216         35,699         0         584,217         0         665,2800         695,232         622,934         40,491         0         663,425         43,123         0         706,548         45,926         0         752,474         48,911         0         806,549         752,474         48,911         0         807,527         807,474         48,911         0         807,527         807,474         48,911         0         807,527         807,474         48,911         0         807,527         807,474         48,911         0         807,527         807,474         48,911         0         807,527         807,474         48,911         0         908,527         807,475         55,476         0         908,527         908,931         59,082         0         968,033         62,922         0         1,030,935         1,030,955	2023	507,437	32,983	0	540,420	484,222	31,474	0	515,696
2026         612,958         39,842         0         652,800         584,915         38,019         0         622           2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2029         740,422         48,127         0         788,549         706,548         45,926         0         752           2030         788,549         51,256         0         839,805         752,474         48,911         0         807           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2037 <th>2024</th> <th>540,420</th> <th>35,127</th> <th>0</th> <th>575,547</th> <th>515,696</th> <th>33,520</th> <th>0</th> <th>549,216</th>	2024	540,420	35,127	0	575,547	515,696	33,520	0	549,216
2027         652,800         42,432         0         695,232         622,934         40,491         0         663           2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2029         740,422         48,127         0         788,549         706,548         45,926         0         752           2030         788,549         51,256         0         839,805         752,474         48,911         0         80           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2036         1,097,967         71,368         0         1,169         1,245         1,245,342         36,426         0         1,285	2025	575,547	37,411	0	612,958	549,216	35,699	0	584,915
2028         695,232         45,190         0         740,422         663,425         43,123         0         706           2029         740,422         48,127         0         788,549         706,548         45,926         0         752           2030         788,549         51,256         0         839,805         752,474         48,911         0         80           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,169           2037         1,169,335         76,007         0         1,245           2038         1,245,342         36,426         0         1,285	2026	612,958	39,842	0	652,800	584,915	38,019	0	622,934
2029       740,422       48,127       0       788,549       706,548       45,926       0       752,2474         2030       788,549       51,256       0       839,805       752,474       48,911       0       801,385         2031       839,805       54,587       0       894,392       801,385       52,090       0       853,275         2032       894,392       58,135       0       952,527       853,475       55,476       0       908,203         2033       952,527       61,914       0       1,014,441       908,951       59,082       0       968,233         2034       1,014,441       39,563       0       1,054,004       968,033       62,922       0       1,030,955         2036       1,097,967       71,368       0       1,169,335       76,007       0       1,245,342         2038       Projected       Beg.       Projected       Projected	2027	652,800	42,432	0	695,232	622,934	40,491	0	663,425
2030         788,549         51,256         0         839,805         752,474         48,911         0         801           2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,097         71,368         0         1,169           2037         1,169,335         76,007         0         1,245         1,245,342         36,426         0         1,285           Beg.         Projected         Beg.         Projected	2028	695,232	45,190	0	740,422	663,425	43,123	0	706,548
2031         839,805         54,587         0         894,392         801,385         52,090         0         853           2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,097           2036         1,097,967         71,368         0         1,169           2037         1,169,335         76,007         0         1,245           2038         Projected         Beg.         Projected	2029	740,422	48,127	0	788,549	706,548	45,926	0	752,474
2032         894,392         58,135         0         952,527         853,475         55,476         0         908           2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,097           2036         1,097,967         71,368         0         1,169           2037         1,169,335         76,007         0         1,245           2038         Projected         Beg.         Projected		788,549	51,256	0	839,805	752,474	48,911	0	801,385
2033         952,527         61,914         0         1,014,441         908,951         59,082         0         968           2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,097           2036         1,097,967         71,368         0         1,169           2037         1,169,335         76,007         0         1,245           2038         Projected         Beg.         Projected         Projected	2031	839,805	54,587	0	894,392	801,385	52,090	0	853,475
2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030,955           2036         1,030,955         67,012         0         1,097,967         71,368         0         1,169,335         76,007         0         1,245,342         36,426         0         1,285           Beg.         Projected         Beg.         Projected         Projected <t< th=""><th>2032</th><th>894,392</th><th>58,135</th><th>0</th><th>952,527</th><th>853,475</th><th>55,476</th><th>0</th><th>908,951</th></t<>	2032	894,392	58,135	0	952,527	853,475	55,476	0	908,951
2034         1,014,441         39,563         0         1,054,004         968,033         62,922         0         1,030           2035         1,030,955         67,012         0         1,097           2036         1,097,967         71,368         0         1,169           2037         1,169,335         76,007         0         1,245           2038         Projected         Beg.         Projected	2033	952,527	61,914	0	1,014,441	908,951	59,082	0	968,033
2036         1,097,967         71,368         0         1,169           2037         1,169,335         76,007         0         1,245           2038         1,245,342         36,426         0         1,285           Beg.         Projected         Beg.         Projected		1,014,441	39,563	0	1,054,004	968,033	62,922	0	1,030,955
2037         1,169,335         76,007         0         1,245           2038         1,245,342         36,426         0         1,28           Beg.         Projected         Beg.         Projected						1,030,955	67,012	0	1,097,967
2037         1,169,335         76,007         0         1,245           2038         1,245,342         36,426         0         1,28           Beg.         Projected         Beg.         Projected						1,097,967	71,368	0	1,169,335
2038         1,245,342         36,426         0         1,28°           Beg.         Projected         Beg.         Projected						1,169,335	76,007	0	1,245,342
Beg. Projected Beg. Project	2038	1				1,245,342	36,426	0	1,281,768
		Balance	Net Earnings	Funding	Total	Balance	Net Earnings	Funding	Projected Total

1,123,718

106,068

51,982

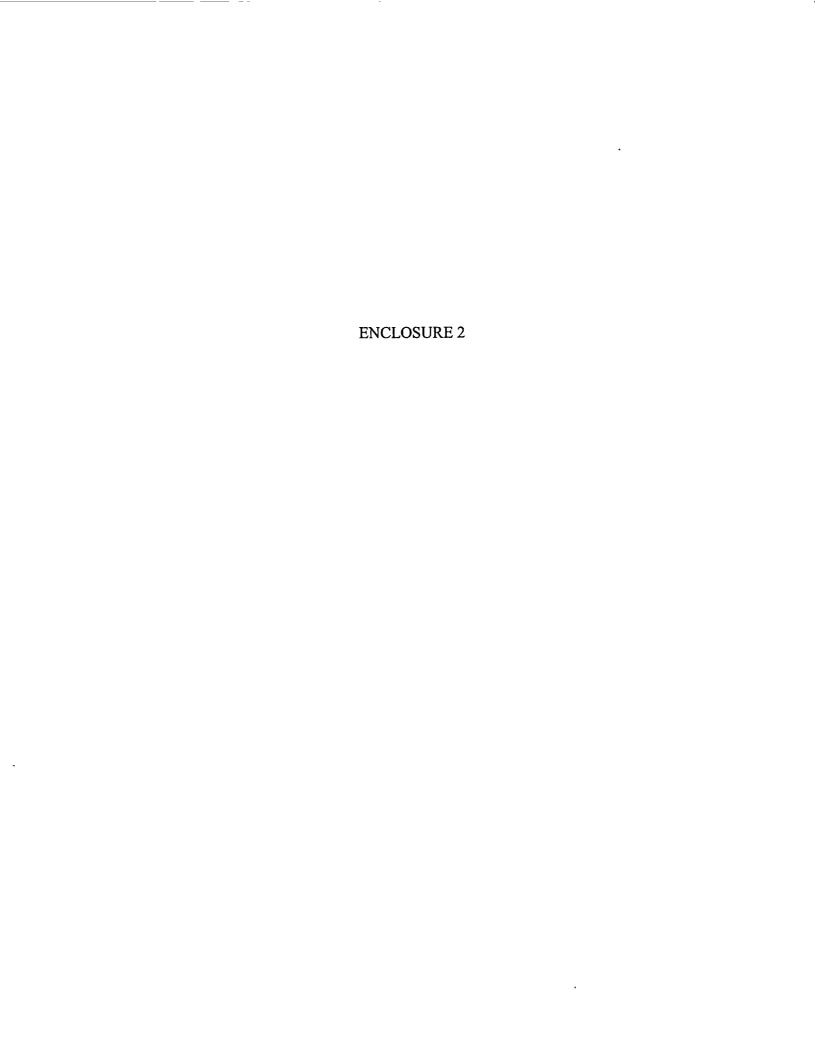
1,281,768

894,679

113,121

46,204

1,054,004



March 19, 2003

Docket Nos. 50-321 50-366



U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C 20555

Edwin I. Hatch Nuclear Plant
Financial Assurance Requirements for Decommissioning
Nuclear Power Reactors (10 CFR 50.75(f)(1))

Dear Ladies and Gentlemen

Pursuant to 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC the status of its decommissioning funding for each reactor or part of each reactor it owns on a calendar year basis, beginning on March 31, 1999, and every two years thereafter. The Municipal Electric Authority of Georgia (MEAG) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses DPR-7 and NPF-5 issued for Edwin I Hatch Nuclear Plant Unit 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Edwin I. Hatch Nuclear Plant, is providing this information to the NRC on behalf of MEAG.

Based on the information presented herein, there is reasonable assurance that the funding necessary for decommissioning the Edwin I. Hatch Nuclear Plant, consistent with the NRC prescribed minimum set forth in 10 CFR 50.75(c), will be available on the expiration date of operating licenses DPR-7 and NPF-5.

Please advise if you have any questions or comments regarding the information provided herein.

Respectfully submitted,

THE MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA, by,

Senior Vice President & CFO

Jana E. Julh

James E. Fuller

/TWS

Enclosure

Municipal Electric Authority of Georgia 1470 Riveredge Parkway NW Atlanta, Georgia 30328-4686

1-800-333-MEAG 770-563-0300

# cc: <u>Southern Nuclear Operating Company</u> Mr. H. L. Sumner, Vice President – Hatch

<u>U. S. Nuclear Regulatory Commission, Washington, D.C.</u>
Mr. J. Colaccino, NRR Licensing Project Manager – Hatch

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. N. P. Garrett, Acting Senior Resident Inspector – Hatch

Municipal Electric Authority of Georgia
Mr. Steven M. Jackson, Director - Power Supply

### **Enclosure**

## **Edwin I. Hatch Nuclear Plant**

# The Municipal Electric Authority of Georgia Ownership Percentage – 17.7%

	10 CFR 50.75(f)(1) Requirement	Unit 1	Unit 2
1	The NRC minimum decommissioning estimate, pursuant to 10 CFR 50.75(b) and (c). 1	\$ 72,887,000 <sup>2</sup>	\$ 72,887,000 <sup>2</sup>
2	The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75(b) and (c).	\$ 51,535,740	\$ 49,833,366
3	A schedule of the annual amounts remaining to be collected; for items in 10 CFR 50.75(b) and (c)	See Schedule in Attachment 1	See Schedule in Attachment 1
4	The assumptions used regarding:  (a) rates of esclation in decommissioning costs;  (b) rates of earnings on decommissioning funds; and  (c) rates of other factors used in funding projections.	4.50% 6.60% <sup>3</sup> —	4 50% 6.60% <sup>3</sup> ——
5	Any contracts upon which the licensee is relying pursuant to CFR 50.75(e)(1)(v).	See Attachment 2	See Attachment 2
6	Any modifications to a licensee's current method providing financial assurance occurring since the last submitted report.	None	None
7	Any material changes to trust agreements.	See Attachment 3	See Attachment 3

## NOTES:

- The NRC formulas in section 10 CFR 50.75(c) include only those decommissioning costs incurred by licensees to remove a facility or site safely from service and reduce residual radioactivity to levels that permit: (1) release of the property for unrestricted use and termination of the license; or (2) release of the property under restricted conditions and termination of the license. The cost of dismantling or demolishing non-radiological systems and structures is not included in the NRC decommissioning cost estimates. The costs of managing and storing spent fuel on-site until transfer to DOE are not included in the cost formulas.
- <sup>2</sup> This number is based on NUREG-1307, Rev. 10, for the burial factor (Option 2) and the December 2001 values for labor and energy factors.
- Earnings rate of 6.60% for decommissioning funding approved by The Municipal Electric Authority of Georgia Board of Directors on November 14, 2002.

# Attachment 1

# Edwin I. Hatch Nuclear Plant Financial Assurance Requirements for Decommissioning Nuclear Power Reactors – 2003 Submittal

# MEAG Power Decommissioning Funding Plan

# Nuclear Decommissioning Fund - Hatch 1 (Dollars in thousands)

Calendar	Balance at		Interest	Less:	Balance at
Year	Beg. of Year	Contributions (1)	Earnings	Fees	End of Year
	(A)	(B)	(C)	(D)	<b>(E)</b>
2002					51,536
2003	51,536		3,298	(83)	54,751
2004	54,751		3,614	(88)	58,277
2005	58,277		3,846	(93)	62,030
2006	62,030		4,094	(99)	66,025
2007	66,025		4,358	(105)	70,277
2008	70,277		4,638	(112)	74,803
2009	74,803		4,937	(119)	79,621
2010	79,621		5,255	(127)	84,750
2011	84,750		5,593	(135)	90,209
2012	90,209		5,954	(143)	96,020
2013	96,020		6,337	(152)	102,205
2014	102,205		6,746	(162)	108,789
2015	108,789		7,180	(172)	115,797
2016	115,797		7,643	(183)	123,257
2017	123,257		8,135	(194)	131,197
2018	131,197		8,659	(207)	139,650
2019	139,650		9,217	(220)	148,647
2020	148,647		9,811	(234)	158,224
2021	158,224		10,443	(248)	168,419
2022	168,419		11,116	(264)	179,270
2023	179,270		11,832	(281)	190,821
2024	190,821		12,594	(299)	203,116
2025	203,116		13,406	(318)	216,204
2026	216,204		14,269	(338)	230,135
2027	230,135		15,189	(359)	244,965
2028	244,965		16,168	(383)	260,750
2029	260,750		17,210	(412)	277,547
2030	277,547		18,318	(439)	295,427
2031	295,427		19,498	(478)	314,447
2032	314,447		20,753	(508)	334,692
2033	334,692		22,090	(540)	356,242
2034	356,242		15,675	(383)	371,534
2035					
2036					
2037					
2038					
2039					
Total			327,874	(7,876)	

Options<sup>1</sup>

Level Payments

## Footnotes:

(1) - Based on the current funding levels and decommissioning forecast, the decommissioning contributions for Hatch Unit One are being suspended.

# MEAG Power Decommissioning Funding Plan

# Nuclear Decommissioning Fund - Hatch 2 (Dollars in thousands)

Calendar	Balance at		Interest	Less:	Balance at
Year	Beg. of Year	Contributions (1)	Earnings	Fees	End of Year
	(A)	(B)	(C)	<b>(D)</b>	(E)
					49,833
2002	40.000		2 100	(90)	52,943
2003	49,833		3,189	(80) (85)	56,352
2004	52,943		3,494		59,981
2005	56,352		3,719	(90) (96)	63,844
2006	59,981		3,959		67,956
2007	63,844		4,214	(102)	72,332
2008	67,956		4,485	(108)	
2009	72,332		4,774	(115)	76,991
2010	76,991		5,081	(122)	81,950
2011	81,950		5,409	(130)	87,229
2012	87,229		5,757	(138)	92,848
2013	92,848		6,128	(147)	98,829
2014	98,829		6,523	(156)	105,195
2015	105,195		6,943	(166)	111,972
2016	111,972		7,390	(177)	119,185
2017	119,185		7,866	(188)	126,864
2018	126,864		8,373	(200)	135,037
2019	135,037		8,912	(212)	143,737
2020	143,737		9,487	(226)	152,998
2021	152,998		10,098	(240)	162,855
2022	162,855		10,748	(255)	173,348
2023	173,348		11,441	(272)	184,517
2024	184,517		12,178	(289)	196,407
2025	196,407		12,963	(307)	209,062
2026	209,062		13,798	(327)	222,533
2027	222,533		14,687	(348)	236,873
2028	236,873		15,634	(370)	252,137
2029	252,137		16,641	(399)	268,379
2030	268,379		17,713	(424)	285,668
2031	285,668		18,854	(462)	304,060
2032	304,060		20,068	(491)	323,637
2033	323,637		21,360	(522)	344,474
2034	344,474		22,735	(555)	366,654
2035	366,654		24,199	(591)	390,263
2036	390,263		25,757	(671)	415,349
2037	415,349		27,413	(712)	442,050
2038	442,050		14,588	(378)	456,260
2039	,				
Total			416,579	(10,153)	

Options:

Level Payments

## Footnotes:

(1) - Based on the current funding levels and decommissioning forecast, the decommissioning contributions for Hatch Unit Two are being suspended.

# Attachment 2

# Edwin I. Hatch Nuclear Plant Financial Assurance Requirements for Decommissioning Nuclear Power Reactors – 2003 Submittal

## NOW THEREFORE:

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, and in order to pay the Authority for its costs of providing (i) the Participant's Entitlement Share, as hereinafter defined, of the output and services of each facility of the Project and (ii) the Participant's Supplemental Bulk Power Supply, it is agreed by and between the parties hereto as follows:

#### ARTICLE I

## TERM OF CONTRACT, DEFINITIONS

Section 101. Term.

The term of this Contract shall begin and this Contract shall constitute a binding obligation of the parties hereto from and after its execution by the last party to execute the same. The obligation of the Authority to provide electric power and energy under the provisions of this Contract shall begin with the first issuance and delivery by said Authority of any of its Bonds which are authorized to be issued by the provisions of I Ga. L. 1975, p. 107, as amended, or, in the event notes of the Authority are issued in anticipation of the issuance of Bonds, such obligation shall begin with the issuance and delivery of such bond anticipation notes. The term of this Contract shall continue in full force and effect until such time, not exceeding fifty years, as all of the Authority's Bonds as hereinafter defined or notes issued in anticipation of the issuance of Bonds and the interest thereon have been paid or provision for payment shall have been made in accordance with the provisions of the Bond Resolution or until such time as the Project shall be retired from service, decommissioned, or disposed of by the Authority, whichever is later.

### Section 102. Definitions and Explanation of Terms.

## As used herein:

- (a) "Act" shall mean that certain Act of the 1975 session of the General Assembly of the State of Georgia compiled and published in I Ga. L. 1975, p. 107, as the same has been heretofore or may be hereafter amended.
- (b) "Annual Project Costs" shall mean, with respect to a Power Supply Year, to the extent not paid as a part of the Costs of Acquisition and Construction, all costs and expenses of the Authority paid by the Authority for each of the generating facilities and the transmission system facilities comprising the Project during such Power Supply Year allocable to the Project including, but not limited to, those items of cost and expense referred to in Section 306(b) and (c), hereof, as Annual Project Generation Fixed Charges, Other Annual Project Generation Costs, Annual Project Transmission Fixed Charges, and Other Annual Project Transmission Costs.
- (c) "Annual Supplemental Costs" shall mean those costs and expenses of the Authority allocable to the purchasing or furnishing of Supplemental Bulk Power Supply to the Participants.
- (d) "Annual System Budget" shall mean, with respect to a Power Supply Year, the budget adopted by the Authority not less than thirty days prior to the beginning of such Power Supply Year which budget shall itemize estimates of Annual Project Costs and Annual Supplemental Costs and all revenues, income, or other funds to be applied to such Costs, respectively, for and applicable to such Power Supply Year or, in the case of an amended such Budget, for and applicable to such Year for the remainder of such Power Supply Year.

- (e) "Billing Statement" shall mean the written statement prepared or caused to be prepared monthly by the Authority that shall be based upon the Annual System Budget or upon the amended Annual System Budget adopted by the Authority pursuant to Section 202 hereof, and that shall show the monthly amount to be paid to the Authority by the Participant in accordance with the provisions of Sections 307 and 403 hereof.
- (f) "Bonds" shall mean the bonds issued by the Authority pursuant to the provisions of the Bond Resolution to finance or refinance the Cost of Acquisition and Construction of the Project, whether or not any issue of such bonds shall be subordinated as to payment to any other issue of such bonds, and shall include additional Bonds issued pursuant to the provisions of Section 501 hereof and refunding Bonds issued pursuant to the provisions of Section 502 hereof.
- (g) "Bond Resolution" shall mean the Power Revenue Bond Resolution and any Supplemental Power Revenue Bond Resolution to be adopted by the Authority and accepted by the Trustee and the Co-Trustee (if any) thereunder for the benefit of the owners of the Bonds which shall provide for the issuance of such Bonds, a copy of which Power Revenue Bond Resolution and First Supplemental Power Revenue Bond Resolution in substantially the form to be adopted by the Authority shall be on file in the records of the Participant.
- (h) "Bulk Power Supply" shall mean, with respect to a Participant, all electric power and energy required by such Participant in excess of that amount (i) supplied by any generation and transmission resources owned by such Participant on the effective date of this Contract, (ii) received by such Participant from the Southeastern Power Administration (SEPA), and (iii) procured by such Participant from alternate bulk power supply resources in accordance with the provisions of Section 404, hereof.
- (i) "Commercial Operation Date" shall mean, with respect to each facility of the Project, the beginning of the day on which such facility of the Project is, in the opinion of the Authority, producing and delivering electric power and energy for commercial use, provided, however, in the event any such facility is producing and delivering electric power and energy for commercial use on the date of acquisition of the Authority's interest therein, the Authority may establish a Commercial Operation Date for such facility which date shall be within a reasonable time of the effective date of such acquisition.
- (j) "Consulting Engineer" shall mean an engineer or engineering firm of national reputation having demonstrated expertise in the field of electric power generation, transmission, power supply, electric utility operations, rates, and feasibility.
- (k) "Contract" and "Power Sales Contracts" shall mean, respectively, this Contract with the Participant and all Power Sales Contracts, including this Contract, substantially identical hereto entered into by the Authority and a Participant, in each case as the same may be amended from time to time.
- (1) "Cost of Acquisition and Construction" shall mean, to the extent not included in Annual Project Costs, all costs of and expenses of planning, designing, acquiring, constructing, installing, and financing the Project, placing the Project in operation, decommissioning, or disposal of the Project, and obtaining governmental approvals, certificates, permits and licenses with respect thereto heretofore or hereafter paid or incurred by the Authority and may include, in addition and without limitation, the following:
  - (1) working capital and reserves in such amounts as may be established pursuant to the Bond Resolution.
  - (2) interest accruing in whole or in part on Bonds prior to and during construction and for such additional period as the Authority may reasonably determine to be necessary

for the placing of the Project or any facility thereof in operation in accordance with the provisions of the Bond Resolution,

- (3) acquisition of initial fuel for each generation facility of the Project and working capital and reserves therefor and working capital and reserves for reload fuel,
- (4) the deposit or deposits from the proceeds of Bonds issued to finance such costs in any fund or account established pursuant to the Bond Resolution to meet Debt Service reserve requirements for Bonds,
- (5) the deposit or deposits from the proceeds of Bonds issued to finance such costs in any funds or accounts established pursuant to the Bond Resolution as reserves for renewals and replacements, retirement from service, decommissioning or disposal of any generating facility of the Project or contingencies,
  - (6) training and testing costs incurred by the Authority,

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- (7) preliminary investigation and development costs, engineering fees, contractors' fees, costs of labor, materials, equipment, utility services and supplies and legal and financing costs,
  - (8) all costs of insurance applicable to the period of construction, and
- (9) all other costs incurred by the Authority and properly allocable to the acquisition and construction of the Project, including all costs financed by the issurance of additional Bonds pursuant to Section 501, hereof.
- (m) "Debt Service" shall mean, with respect to any period, the aggregate of the amounts required by the Bond Resolution to be paid during said period into any fund or funds created by the Bond Resolution for the sole purpose of paying the principal (including sinking fund installments) of and premium, if any, and interest on all the Bonds from time to time outstanding as the same shall become due, provided, however, that Debt Service shall not include any acceleration of the maturity of the Bonds.
- (n) "Entitlement Share" shall mean, with respect to a Participant and any Power Supply Year and with respect to the generating facilities (including related transmission facilities) and the transmission system facilities of the Project, (i) that percentage of the output and services of such generating facilities set forth in the Schedule of Output Entitlement Shares attached hereto for such Participant in such Power Supply Year, as the same may hereafter be increased in accordance with the provisions of the Power Sales Contract with such Participant, and (ii) that percentage of transmission services which shall be determined by the Authority during each Power Supply Year to be allocable to such Participant in accordance with the provisions of Section 308 hereof.
- (o) "Fuel Costs" shall mean all costs incurred by the Authority during any Power Supply Year that are allocable to the acquisition, processing, fabrication, transportation, delivering, reprocessing, storage, and disposal of nuclear materials required for the generation facilities of the Project, including transfers to reserves established by the Authority for such costs related to future Power Supply Years, less credits related to such costs applied as appropriate in the discretion of the Authority.
- (p) "Participant" shall mean the political subdivision. which is a party to this Contract. "Participants" shall mean all political subdivisions in the State of Georgia which own and operate electric distribution systems to serve their citizens, inhabitants and customers by providing them with electric power and energy and which are parties to contracts with the Authority substantially identical to this Contract. The term "Participants" shall include the "Participant," and the terms "a Participant" or "each Participant" shall mean any one of the Participants or each of the Participants, as the case may be. "Participant" shall include any commission or agency of such political subdivision which operates or conducts or exercises jurisdiction over any essential function of the Participant's electric distribution system.

- (q) "Power Supply Year" shall mean the calendar year, except that the first Power Supply Year shall begin on the date the Authority has an obligation to provide electric power and energy as determined in accordance with the provisions of Section 101, hereof.
- (r) "Proportionate Share" shall mean, with respect to a Participant and a Power Supply Year, that percentage of the kilowatts or kilowatt hours, as the case may be, of each type of service included in Supplemental Bulk Power Supply which such Participant is entitled to receive and for which such Participant is obligated to pay in each month of a Power Supply Year. With respect to kilowatts, such percentage shall be obtained for each month by dividing the maximum one-hour integrated coincident system demand of such Participant's Supplemental Bulk Power Supply provided by the Authority during the particular month by the maximum one-hour integrated coincident system demands of Supplemental Bulk Power Supply provided by the Authority to all the Participants during that month. With respect to kilowatt hours, such percentage for each month shall be obtained by dividing the kilowatt hours of Supplemental Bulk Power Supply delivered by the Authority to such Participant during the particular month by the total kilowatt hours of Supplemental Bulk Power Supply delivered by the Authority to all of the Participants during that month.
- (s) "Project" shall mean those electric generation and related transmission facilities which are identified in the Description of Project and those transmission system facilities to which reference is made in the Description of Project to be acquired and constructed by the Authority during the time prior to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet the Authority's investment responsibility during such time in connection with any agreement for an integrated transmission system to which the Authority may be a party in accordance with the provisions of Section 302 hereof, together with (i) any major renewals, replacements, repairs, additions, betterments and improvements necessary, in the opinion of the Consulting Engineer, to keep the Project in good operating condition or to prevent a loss of revenues therefrom, (ii) any major additions, improvements, repairs and modifications to the Project and any decommissionings or disposals of the Project, required by any governmental agency having jurisdiction over the Project or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof, (iii) those transmission system facilities to which reference is made in the Description of Project and which are required, in the opinion of the Consulting Engineer, to be acquired and constructed by the Authority on or after the Commercial Operation Date of the last of the generation facilities of the Project to be completed in order to meet the Authority's investment responsibility after such Commercial Operation Date in connection with any agreement for an integrated transmission system to which the Authority shall be a party in accordance with the provisions of Section 302 hereof, and (iv) working capital required by the Authority during construction of the Project and for the placing of the Project in operation for providing Bulk Power Supply, including Supplemental Bulk Power Supply, to the Participant.
- (t) "Prudent Utility Practice" at a particular time shall mean any of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry prior to such time, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with good business practices, reliability, safety and expedition. Prudent Utility Practice is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts having due regard for manufacturers' warranties and the requirements of governmental agencies of competent

jurisdiction. In evaluating whether any act or proposal conforms to Prudent Utility Practice, the parties shall take into account the objective to achieve optimum utilization of the Authority's resources.

- (u) "Supplemental Bulk Power Supply" shall mean, with respect to a Participant, that portion of Bulk Power Supply required by such Participant in excess of that supplied from the Project and, unless otherwise provided, from any future projects owned or controlled by the Authority from which the Participant contracts with the Authority to purchase electric power and energy and in excess of the generating capacity reserve service, transmission service, scheduled, emergency, or economy interchange service, and such other service associated with the Project as shall be supplied by the Authority in accordance with the provisions of Section 303, hereof.
- (v) "Uncontrollable Forces" means any cause beyond the control of the Authority which by the exercise of due diligence the Authority is unable to prevent or overcome, including but not limited to, failure or refusal of any other person or entity to comply with then existing contracts with the Authority or with a Participant, an act of God, fire, flood, explosion, strike, sabotage, pestilence, an act of the public enemy, civil and military authority including court orders, injunctions, and orders of governmental agencies with proper jurisdiction, insurrection or riot, an act of the elements, failure of equipment, or inability of the Authority or any Contractors engaged in work on the Project to obtain or ship materials or equipment because of the effect of similar causes on suppliers or carriers, or inability of the Authority to sell or issue its bonds or notes.
- (w) "Uniform System of Accounts" means the Uniform System of Accounts for Class A and B Public Utilities and Licensees as prescribed and, from time to time, as amended or modified or substitution therefor made by the Federal Power Commission or its successor.

#### ARTICLE II

# CERTAIN OBLIGATIONS OF THE AUTHORITY AND THE PARTICIPANT

Section 201. Bulk Power Supply.

The Authority shall provide or cause to be provided and the Participant shall take from the Authority the Bulk Power Supply of the Participant. The Authority will be responsible for planning, negotiating, designing, financing, acquiring or constructing, contracting for, administering, operating, and maintaining all generation and transmission arrangements and facilities necessary to effect the delivery and sale of such Bulk Power Supply to the Participant, provided, however, that the Participant may procure alternate bulk power supply resources pursuant to the terms of Section 404, hereof.

# √ Section 202. Annual System Budget.

The Authority will prepare and submit to the Participant an Annual System Budget at least ninety days prior to the beginning of each Power Supply Year. The Participant may then submit to the Authority, at any time until such budget is adopted, any matters or suggestions relating to the Budget which the Participant may care to present. The Authority shall then proceed with the consideration and adoption of such Budget not less than thirty nor more than forty-five days prior to the beginning of such Power Supply Year and shall cause copies of such adopted Budget to be delivered to the Participant, provided, however, the Budget for the first Power Supply Year shall be prepared, considered, adopted and delivered in

the most practicable manner available in the discretion of the Authority. As required from time to time during any Power Supply Year after thirty days notice to the Participant, the Authority may adopt an amended Annual System Budget for and applicable to such Year for the remainder of such Year.

## Section 203. Reports.

The Authority will prepare and issue to the Participants the following reports each month of the Power Supply Year:

- (1) Financial and Operating Statement relating to the Project and to the Supplemental Bulk Power Supply,
  - (2) Status of Annual System Budget,
  - (3) Status of construction budget of the Project during construction,
- (4) Analysis of operations relating to the Project and to the Supplemental Bulk Power Supply.

#### Section 204. Records and Accounts.

The Authority will keep accurate records and accounts of each of the facilities comprising the Project and of the transactions relating to the Supplemental Bulk Power Supply as well as of the operations of the Authority in accordance with the Uniform System of Accounts. Said accounts shall be subject to an annual audit by a firm of independent certified public accountants experienced in electric utility accounting and of national reputation to be submitted to the Authority within sixty days after the close of any Power Supply Year. All transactions of the Authority relating to the Project and to the Supplemental Bulk Power Supply with respect to each Power Supply Year shall be subject to such an audit.

## Section 205. Consulting Engineer.

- (a) The Authority will retain a consulting engineer to assist, advise and make recommendations to the Authority on matters relating to electric power generation, transmission, power supply, electric utility operations, rates and charges, feasibility and budgets and shall cause such consulting engineer to prepare within one hundred and twenty days following the close of each Power Supply Year an annual comprehensive engineering report with respect to the Project and to the Supplemental Bulk Power Supply for the immediately preceding Power Supply Year which shall contain a copy of the annual audit and which shall include:
  - (1) A report on the operations of the Authority:
  - (2) A report on the management of the Project:
  - (3) A report on the sufficiency of rates and charges for services;
  - (4) A report on requirements for future bulk power supply;
  - (5) Recommendations as to changes in operation and the making of repairs, renewals, replacements, extensions, betterments and improvements; and
  - (6) A projection of the Authority's costs of providing the Bulk Power Supply to all Participants for the ensuing five year period.
- (b) The Authority shall cause a copy of said engineering report to be delivered to each Participant.

# Section 206. Power Supply Planning.

The Participant will keep the Authority advised on all matters relating to the Participant's power supply planning including but not limited to load forecasts, proposed transmission and generation additions and new delivery points.

## Section 207. Diligence.

The Participant will exercise diligence in the operation of its electric system with the view of securing efficiency in keeping with Prudent Utility Practice, will construct its facilities in accordance with specifications at least equal to those prescribed by the National Electric Safety Code of the U. S. Bureau of Standards, will maintain its lines at all times in a safe operating condition, and will operate said lines in such manner as not to interfere unduly with the operations of others. The Participant will use electric service equally from the three phases as nearly as possible and will maintain a power factor of 89.4% lagging or such greater power factor as may be agreed upon by the Participant in the light of any other contract between the Authority and any other party, and such agreement by the Participant shall not be unreasonably withheld.

#### Section 208. Access.

Participant will give all necessary permission to enable the agents of the Authority to carry out this Contract and will otherwise be subject to applicable terms and conditions set forth in those tariffs which affect the Participant and which are filed with the Federal Power Commission. The Authority and the Participant each will give the other the right to enter the premises of the other at all reasonable times for the purpose of repairing or removing facilities, reading meters and performing work incidental to delivery and receipt of Bulk Power Supply.

## Section 209. Adjustment of Billing.

At the end of each Power Supply Year the Authority shall determine if the aggregate amount paid by the Participant under Sections 307 and 403, hereof, to provide recovery of all the Authority's costs during such Power Supply Year was in the proper amount, and, upon the making of such determination, any amount found to have been paid by the Participant in excess of the amount which should have been paid by the Participant shall be credited on the Billing Statements to the Participant for the remaining month or months of the Power Supply Year next succeeding the Power Supply Year for which such adjustment was determined to have been necessary. Ten percent of the amount of any deficiency shall be added to each of the next ten Billing Statements. In the event that the failure of a Participant to pay its Entitlement Share of Annual Project Costs in accordance with its Power Sales Contract shall have resulted in the application of amounts in any reserve or working fund under the Bond Resolution to the payment of costs payable from such reserve or working fund and the other Participants shall have made up the deficiency created by such application or paid additional amounts into such reserve or working fund, amounts thereafter paid to the Authority by such nonpaying Participant for application to such past due payments shall be credited on the Billing Statements of such other Participants in the next month or months as shall be appropriate.

### Section 210. Disputed Monthly Billing Statement.

In case any portion of any monthly Billing Statement received by the Participant from the Authority, shall be in bona fide dispute, the Participant shall pay the Authority the full amount of such monthly Billing Statement, and, upon determination of the correct amount, the difference between such correct amount and such full amount, if any, will be credited to the Participant by the Authority after such determination. In the event such monthly Billing Statement is in dispute, the Authority will give consideration to such dispute and will advise the Participant with regard to the Authority's position relative thereto within thirty days following written notification by the Participant of such dispute.

## Section 211. Sources of Participant's Payments.

The obligations of the Participant to make the payments to the Authority under this Contract shall constitute general obligations of the Participant for the payment of which the full faith and credit of the Participant shall be and the same hereby is pledged to provide the funds required to fulfill all obligations arising under this Contract. Unless such payments or provisions for such payments shall have been made from the revenues of the electric system of the Participant or from other funds thereof, the Participant will annually in each and every fiscal year during the term of this Contract include in its general revenue or appropriation measure, whether or not any other items are included, sums sufficient to satisfy the payments required to be made in each year by this Contract until all payments required under this Contract have been paid in full. In the event for any reason any such provision or appropriation is not made for a fiscal year of a Participant, then the chief fiscal officer of the Participant shall, in accordance with the provisions of the Act in effect as of the date of this Contract, set up as an appropriation on the accounts of the Participant in each fiscal year the amounts required to pay the obligations called for under this Contract. The amount of the appropriation in such fiscal year to meet the obligations of this Contract shall be due and payable and shall be expended for the purpose of paying and meeting the obligations provided under the terms and conditions of this Contract, and such appropriation shall have the same · legal status as if the Participant had included the amount of the appropriation in its general revenue or appropriation measure.

#### Section 212. Rate Covenant.

The Participant will establish, maintain and collect rates and charges for the electric service of its electric system so as to provide revenues sufficient, together with available electric system reserves, to enable the Participant to pay to the Authority all amounts payable under this Contract and to pay all other amounts payable from and all lawful charges against or liens on the revenues of its electric system.

### ARTICLE III

# ELECTRIC POWER AND ENERGY FROM THE PROJECT

### Section 301. Ownership of Project.

The Authority will issue the Bonds in series from time to time under the Bond Resolution to finance and shall own the Project consisting of the Authority's ownership interest in the generation and transmission facilities described in the Description of Project attached to this Contract and will cause to be delivered to the Participant during each month of each Power Supply Year its Entitlement Share of the output and services of each facility of the Project for the useful life of each such facility of the Project.

Section 302. Costs of Generation and Transmission Facilities Comprising the Project.

(a) Those generation and transmission facilities comprising the Project will, for purposes

of accounting for the Authority's costs and charges to the Participants, be separated into (i) generation and related transmission facilities, and (ii) transmission system facilities;

- (b) The Authority's costs of providing to the Participants their Entitlement Shares of such generation and related transmission facilities as are included in the Project will be accounted for as described in Section 306(b) hereof, and
- (c) The Authority's costs of providing to the Participants their Entitlement Shares of such transmission system facilities as are included in the Project will be accounted for as described in Section 306(c) hereof, and will be determined as follows:
  - (1) Such transmission system facilities as are included in the Project will be acquired by the Authority from time to time for the term of this Contract through participation in an integrated transmission system agreement with other utilities. The Authority's investment responsibility in such transmission system facilities for any Power Supply Year will be that percentage of the total investment in the combined transmission system facilities of the Authority and such other utilities obtained by dividing the demand of total Bulk Power Supply provided by the Authority to all the Participants during such Power Supply Year by the combined demands of the Authority and such other utilities during such Power Supply Year and expressing the result as a percentage. The Authority's responsibility for annual capital costs relating to renewals, replacements, repairs, additions, betterments and improvements to and for annual operating costs of such transmission system facilities for any Power Supply Year will be the annual capital and operating costs incurred by the Authority for such facilities.
  - (2) In the event the Authority assumes responsibility for transmission of the Participants' allotments of SEPA power pursuant to arrangements for which provision is made in Sections 803 and 804 hereof, the Authority's responsibility for investment in, and annual capital and operating costs of, such transmission system facilities acquired by the Authority from time to time through participation in such integrated transmission system agreement may be increased. The Authority's investment responsibility in such increased transmission system facilities for any Power Supply Year will be that percentage of the total investment in the combined transmission facilities of the Authority and such other utilities obtained by dividing the demand of such SEPA power plus the demand of total Bulk Power Supply provided by the Authority to all the Participants during such Power Supply Year by the combined demands of the Authority and such other utilities during such Power Supply Year and expressing the result as a percentage. The Authority's responsibility for annual capital costs relating to renewals, replacements, repairs, additions, betterments and improvements to and for annual operating costs of such increased transmission system facilities for any Power Supply Year will be the annual capital and operating costs incurred by the Authority for such facilities.

# Section 303. Interconnection Arrangements.

The Authority will purchase or provide such generating capacity reserve service, transmission service, maintenance service, emergency service, economy interchange service and other interchange service associated with the Project as may be necessary for the reliable and economical supply of the output and services of the Project and will cause to be delivered to the Participant during each month of the Power Supply Year its Entitlement Share of such output and services. The Authority may use electric energy from the Project which is surplus to the requirements of the Participants, as such surplus may be available from time to time, for the purpose of economy interchange service or other interchange services with others, and any net revenues received by the Authority for any such services shall be credited to the Participants by the Authority in proportion to their Entitlement Shares.

# Section 304. Operation and Maintenance.

The Authority covenants and agrees that it will operate, maintain and manage the Project or cause the same to be operated, maintained and managed in an efficient and economical manner, consistent with Prudent Utility Practice.

# Section 305. Insurance.

The Authority shall maintain or cause to be maintained, in force for the benefit of the parties hereto, as their interest shall appear, as Costs of Acquisition and Construction or Annual Project Costs, such insurance with respect to the Project as shall be available and as is usually carried by utilities constructing and operating generating facilities but, in the case of nuclear generating facilities, not less than will satisfy the requirements of Federal and state law and the Nuclear Regulatory Commission regulations and such other insurance as is usually carried by electric utilities in conformity with Prudent Utility Practice.

# Section 306. Charges and Billings for the Project.

- (a) The Authority will establish fair and nondiscriminatory charges for all output and service provided by the Authority to the Participants relating to each facility of the Project designed to recover all of the Authority's costs allocable to such facility commencing with the Commercial Operation Date of such facility or the date to which interest has been capitalized on Bonds allocable to such facility, whichever is the earlier, as set forth in the Annual System Budget, or the amended Annual System Budget adopted by the Authority pursuant to Section 202 hereof, and such costs shall include Annual Project Costs.
- (b) The Annual Project Costs allocable to the generation and related transmission facilities of the Project shall include at least the following items of costs and expense:
  - (1) "Annual Project Generation Fixed Charges," which means:
  - (A) the amount which the Authority is required under the Bond Resolution to pay or deposit into any fund or account established by the Bond Resolution for the payment of Debt Service and any reserve requirements for Bonds which are allocable to (i) the generation and related transmission facilities of the Project and (ii) the working capital which is required by the Authority for providing Bulk Power Supply, including Supplemental Bulk Power Supply to the Participants and which is allocable to the generation and related transmission facilities of the Project;
  - (B) the amount (not otherwise included under any item in this Section 306(b)) allocable to the generation and related transmission facilities of the Project which the Authority is required under the Bond Resolution to pay or deposit during such Power Supply Year into any other fund or account established by the Bond Resolution, and shall include, without limitation, any such amounts required to make up any deficiency in any reserve fund or working fund required or permitted by the Bond Resolution resulting from a default in payments by any Participant or Participants of amounts due under its or their Power Sales Contracts with the Authority;
  - (C) amounts which the Authority is required under the provisions of the Bond Resolution to pay or deposit into a reserve for renewals and replacements;
  - (D) amounts which must be realized by the Authority for coverage of Debt Service as may be required by the Bond Resolution;
    - (E) amounts which must be set aside by the Authority for the retirement from

service, decommissioning, or disposal of the generation facilities of the Project as may be required by the Bond Resolution;

- (F) amounts which must be paid by the Authority for the purchase of generating capacity reserves for the Project; and
- (G) amounts which must be paid by the Authority for the purchase of transmission service for the Project; and
- (2) "Other Annual Project Generation Costs." which means:
- (A) all costs of producing and delivering electric power and energy from the Project and providing the Participants' Entitlement Shares including, but not limited to, (i) Fuel Costs and other ordinary operation and maintenance costs and provisions for reserves therefor, administrative and general costs, insurance, overhead and any charges payable by the Authority in connection with the output of the Project, (ii) net costs of scheduled, emergency, economy or other interchange service incurred by the Authority in connection with the Project, and (iii) all operation and maintenance costs related to the operating and conducting of the business of the Authority including salaries, fees for legal, engineering, and other services and all other expenses properly related to the conduct of the affairs of the Authority; and
- (B) amounts required of the Authority by the provisions of the Bond Resolution to pay the cost of or to provide reserves for (i) extraordinary operating and maintenance costs including the costs of scheduled, emergency, or other interchange service and the prevention or correction of any unusual loss or damage to keep the generating facilities of the Project in good operating condition or to prevent a loss of revenue therefrom, (ii) any major renewals, replacements, repairs, additions, betterments and improvements necessary, in the opinion of the Consulting Engineer, to keep the generating facilities of the Project in good operating condition or to prevent a loss of revenues therefrom and (iii) any major additions, improvements, repairs or modifications to any such generating facility, or any decommissionings or disposals of any such generating facility, required by any governmental agency having jurisdiction over the Project or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof to the extent that the Authority is not reimbursed therefor from the proceeds of insurance or funds for such payment are not available to the Authority therefor from any funds or accounts established under the Bond Resolution, or funds for such payment are not provided or to be provided by the issuance of additional Bonds pursuant to Article V of this Contract.
- (c) The Annual Project Costs allocable to the transmission system facilities of the Project shall include at least the following items of costs and expense:
  - (1) "Annual Project Transmission Fixed Charges," which means:
  - (A) the amount which the Authority is required under the Bond Resolution to pay or deposit into any fund or account established by the Bond Resolution for the payment of Debt Service and any reserve requirements for Bonds which are allocable to (i) the transmission system facilities of the Project and (ii) the working capital which is required by the Authority for providing Bulk Power Supply, including Supplemental Bulk Power Supply, to the Participants and which is allocable to the transmission system facilities of the Project;

- (B) the amount (not otherwise included under any item of this Section 306 (c)) allocable to the transmission system facilities of the Project which the Authority is required under the Bond Resolution to pay or deposit during such Power Supply Year into any other fund or account established by the Bond Resolution, and shall include, without limitation, any such amounts required to make up any deficiency in any reserve fund or working fund required or permitted by the Bond Resolution resulting from a default in payments by any Participant or Participants of amounts due under its or their Power Sales Contracts with the Authority;
- (C) the amount which the Authority is required under the provisions of the Bond Resolution to pay or deposit into a reserve for renewals and replacements; and
- (D) amounts which must be realized by the Authority for coverage of Debt Service as may be required by the Bond Resolution; and
- (2) "Other Annual Project Transmission Costs," which means:
- (A) amounts for ordinary operation and maintenance costs, administrative and general costs, insurance, overhead, and any other charges payable by the Authority in connection with such transmission system facilities, including all credits due to Participants with respect to delivery point transmission facilities; and
- (B) amounts required of the Authority by the provisions of the Bond Resolution to pay the costs of or to provide reserves for (i) extraordinary operation and maintenance costs, including the prevention or correction of any unusual loss or damage to keep the transmission system facilities of the Project in good operating condition, or to prevent a loss of revenues therefrom, (ii) any major renewals, replacements, repairs, additions, betterments and improvements necessary, in the opinion of the Consulting Engineer, to keep the transmission system facilities of the Project in good operating condition or to prevent a loss of revenues therefrom and (iii) any major additions, improvements, repairs or modifications to any such transmission facility required by any governmental agency having jurisdiction over the Project or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof to the extent that the Authority is not reimbursed therefor from the proceeds of insurance or funds for such payment are not available to the Authority therefor from any funds or accounts established under the Bond Resolution, or funds for such payment are not provided by the issuance of additional Bonds pursuant to Article V of this Contract.
- (d) The Authority shall bill the Participant each month during each Power Supply Year by providing the Participant with a Billing Statement for such month in accordance with the charges established pursuant to the provisions of this Section 306. Such Billing Statement shall set forth, among other things, the sum to be paid for such month by the Participant for its Entitlement Share of the Project output and services, and such sum shall equal the Participant's Entitlement Share of that amount of Annual Project Costs, as estimated in the then current Annual System Budget, which the Authority is required pursuant to the Bond Resolution to accrue, pay or set aside during each month. Such monthly Billing Statement shall include a credit for such delivery point transmission facilities as are owned, financed, or operated by the Participant, and such Billing Statement shall be paid by the Participant on or before the tenth day from the date of such bill. Amounts due and not paid by the Participant on or before said day shall bear an additional charge of one and one-half percent per month until the amount due is paid in full. At the end of each Power Supply Year, adjustments of billing shall be made in accordance with Section 209 hereof. If the Participant pays

less than the full amount due with respect to a Billing Statement, the partial payment so received shall be applied first in discharge of the Participant's obligation to pay its Entitlement Share of the Annual Project Costs as provided in this Article III before any funds from such partial payment are applied to the discharge of the Participant's obligations under the provisions of Article IV hereof.

(e) At such times as the Authority issues additional Bonds in accordance with the provisions of Article V, hereof, the Authority will increase such elements of Annual Project Costs as are necessary and the Participant shall pay its Entitlement Share of such increased charges pursuant to the provisions of Section 307 hereof.

### Section 307. Project Entitlement and Payment Obligations.

- (a) The Participant shall be entitled to receive its Entitlement Share of the output and transmission services of the Project and of all services provided by the Authority in accordance with the provisions of Section 303 hereof, as may be available for the useful life of the Project.
- (b) The Participant shall pay its Entitlement Share of Annual Project Costs set forth in the monthly Billing Statements submitted by the Authority to the Participant in accordance with the provisions of Section 306 hereof, whether or not the Project or any part thereof has been completed, is operating or operable or its output is suspended, interrupted, interfered with, reduced or curtailed or terminated in whole or in part, and such payments shall not be subject to reduction whether by offset or otherwise and shall not be conditional upon the performance or nonperformance by any party of any agreement for any cause whatever.

Section 308. Determination of Participant's Entitlement Shares of Transmission System Facilities Included in the Project.

- (a) With respect to transmission system facilities included in the Project, the Entitlement Share for each Participant to be determined by the Authority for each Power Supply Year shall be the percentage allocable to the Participant of the transmission services provided by the Authority and of the costs incurred by the Authority relating to such transmission system facilities as are acquired by the Authority from time to time for the term of this Contract through participation in an integrated transmission system agreement with other utilities. Such percentage shall be determined by the Authority by dividing the average of the one-hour integrated coincident system demands for Bulk Power Supply provided by the Authority to such Participant during each month of such Power Supply Year by the average of the onehour integrated coincident system demands of total Bulk Power Supply provided by the Authority to all of the Participants during each month of such Power Supply Year and expressing the result as a percentage so that, when all of such Entitlement Shares so computed by the Authority are added together, their sum shall be one hundred. For the purposes of such computation, the one-hour interval shall be the hour during which there shall occur the maximum one-hour integrated coincident system demands of total Bulk Power Supply provided by the Authority to all of the Participants.
- (b) In the event the Authority assumes responsibility for transmission of the Participants' allotments of SEPA power pursuant to arrangements for which provision is made in Sections 803 and 804 hereof, and such responsibility results in an increase in the investment in and annual operating costs of such transmission system facilities, the Entitlement Share for each Participant to be determined by the Authority for each Power Supply Year shall be the percentage allocable to the Participant of the transmission services provided by the Au-

thority and of the costs incurred by the Authority relating to such increased responsibility. Such percentage shall be determined by the Authority by dividing the average of the one-hour integrated coincident system demands of such SEPA power plus the demands of Bulk Power Supply provided by the Authority to such Participant during each month of such Power Supply Year by the average one-hour integrated coincident system demands of SEPA power and demands of total Bulk Power Supply provided by the Authority to all of the Participants during the same one-hour interval of each month of such Power Supply Year and expressing the result as a percentage so that, when all of such Entitlement Shares so computed by the Authority are added together, their sum shall be one hundred. For the purposes of such computation, the one-hour interval shall be the hour during which there shall occur the maximum one-hour integrated coincident system demands of SEPA power and demands of total Bulk Power Supply provided by the Authority to all of the Participants.

(c) Such Entitlement Shares of transmission system facilities included in the Project shall be estimated by the Authority prior to the beginning of any Power Supply Year and such estimates shall be set forth in the Annual System Budget. Revisions of such estimated Entitlement Shares shall be made by the Authority at the end of such Power Supply Year based upon such system demands as actually experienced and the billings for such Power Supply Year shall be adjusted by the Authority accordingly.

# Section 309. Pledge of Payments.

All payments required to be made by the Participant pursuant to the provisions of this Article III, and all other payments attributable to the Project or to the Annual Project Costs to be made in accordance with or pursuant to any other provision of this Contract, shall be pledged to secure the payment of the Authority's Bonds.

# Section 310. Payment as Operating Expense.

So long as electric power and energy shall actually be received by a Participant from any facility or facilities of the Project, the Participant's Entitlement Share of Annual Project Costs shall be paid by the Participant as a cost of purchased electric power and energy for Participant's electric system and as an expense of operation and maintenance thereof.

# Section 311. Credits to Annual Project Cost.

The Authority may, pursuant to the Schedule of Entitlement Shares and participation in an integrated transmission system agreement with others, for which provision is made in Section 302(c), hereof, sell the output and services of facilities included in the Project to other utilities. The anticipated proceeds from such sale shall be estimated in the Annual System Budget, and any net revenues actually received by the Authority as the result of such sales to other utilities during any month of the Power Supply Year shall be credited to the Participants in proportion to their Entitlement Shares in the monthly Billing Statement for the following month.

# Section 312. Sale of Excess Participant's Entitlement Share.

In the event the Participant shall determine that all or any part of the Participant's Entitlement Share of the output and services of the generating facilities of the Project are in excess of the requirements of the Participant, the Authority may sell and transfer for any period of time all or any part of such excess output and services to such other Participants as shall agree to take such excess output and services, provided, however, that in the event the other Participants do not agree to take the entire amount of such excess, the Authority

shall have the right to dispose of such excess to other utilities. If all or any portion of such excess of the Participant's Entitlement Share of output and services is sold pursuant to this section, the Participant's Entitlement Share shall not be reduced, and the Participant shall remain liable to the Authority to pay the full amount of its Billing Statement as if such sale had not been made; except that such liability shall be discharged to the extent that the Authority shall receive payment for such excess output and services from the purchaser or purchasers thereof.

### ARTICLE IV

# SUPPLEMENTAL BULK POWER SUPPLY ARRANGEMENTS

Section 401. Supplemental Bulk Power Supply Provided by the Authority.

The Authority will provide or cause to be provided to the Participant its Supplemental Bulk Power Supply during each month of each Power Supply Year. Such Supplemental Bulk Power Supply may include, but shall not be limited to, partial and full requirements firm power purchases, and unit power service, firm and nonfirm capacity and energy service, transmission service and other interchange service made available as a result of transactions with other utilities. The costs to the Authority of electric power and energy purchased by the Authority from other utilities based upon tariffs filed by such other utilities with the Federal Power Commission will be directly reflected in the monthly Billing Statement to the Participant. Such monthly Billing Statement will include a credit for such delivery point transmission facilities as are owned, financed, or operated by the Participant.

### Section 402. Charges for Supplemental Bulk Power Supply.

- (a) The Authority will establish fair and nondiscriminatory charges for all services provided by the Authority to the Participants relating to the Supplemental Bulk Power Supply of the Participants designed to recover all of the Authority's costs of acquiring, financing, operating and maintaining such Supplemental Bulk Power Supply as such costs are set forh in the Annual System Budget or any amended Annual System Budget adopted by the Authority pursuant to Section 202 hereof, and such costs shall include Annual Supplemental Costs as defined in Section 102(c), hereof; and
- (b) The Authority shall bill the Participant each month during each Power Supply Year by providing the Participant with a Billing Statement according to the charges established pursuant to the provisions of this Section 402, for the services supplied to the Participant by the Authority as set forth in Section 403 hereof, and for the costs incurred by the Authority as set forth in this Section 402, and such bill shall be paid by the Participant on or before the tenth day from the date thereof. Amounts due and not paid by the Participant on or before said day shall bear an additional charge of one and one-half percent per month until the amount due is paid in full. At the end of each Power Supply Year, adjustments of billings shall be made in accordance with the provisions of Section 209 hereof.

# Section 403. Supplemental Bulk Power Supply Taken by the Participant.

The Participant shall take all of its Supplemental Bulk Power Supply from the Authority and shall pay to the Authority the Participant's Proportionate Share of Annual Supplemental Costs set forth in the monthly Billing Statement submitted by the Authority to the Participant.

Section 404. Alternate Supplemental Bulk Power Supply Resources.

If the Participant desires to procure an alternate source of supplemental bulk power supply other than that provided by the Authority, the Participant may do so under the following terms and conditions:

- (a) In no event will the Participant's Entitlement Share of the Project be reduced, and the Participant will continue to be obligated to pay its Entitlement Share of Annual Project Costs:
- (b) The Participant will enter into an interconnection agreement with the Authority for reserves, emergency, economy, scheduled and other interchange service, the terms and conditions of which will be similar to those contained in interconnection arrangements between the Authority and others; and
- (c) The Participant will give notice to the Authority of its intention to procure such alternate source which will relieve the Authority from its obligation to provide service equivalent to such alternate source. Such notice will be at least the following:
  - (1) Two years if such alternate source equals 20% or less of Participant's total peak demand less SEPA power and Participant's Entitlement Share of the output and services of the generating facilities of the Project;
  - (2) Three years if such alternate sources equals more than 20% but not greater than 30% of Participant's total peak demand less SEPA power and Participant's Entitlement Share of the output and services of the generating facilities included in the Project;
  - (3) Five years if such alternate source equals more than 30% but not greater than 40% of Participant's total peak demand less SEPA power and Participant's Entitlement Share of the output and services of the generating facilities of the Project;
  - (4) Seven years if such alternate source equals more than 40% but not greater than 60% of Participant's total peak demand less SEPA power and Participant's Entitlement Share of the output and services of the generating facilities of the Project;
  - (5) Nine years if such alternate source equals more than 60% of Participant's total peak demand less SEPA power and Participant's Entitlement Share of the output and services of the generating facilities of the Project;

Provided, however, that the Authority and the Participant may mutually agree to a notice shorter than any of those provided above if no burden or cost would be imposed upon the Authority as the result of such shorter notice.

Section 405. Interconnection Arrangements.

The Authority and the Participant may mutually agree to enter into interconnection arrangements for reserves, emergency, economy, scheduled and other interchange service for generation and transmission facilities owned by the Participant on the effective date of this Contract, the terms and conditions of which arrangements shall not be inconsistent with the provisions of this Contract.

#### ARTICLE V

### ADDITIONAL BONDS

Section 501. Issuance of Additional Bonds.

(a) Additional Bonds may be sold and issued by the Authority in accordance with the provisions of the Bond Resolution at any time and from time to time in the event, for any

reason, the proceeds derived from the sale of the Bonds first validated pursuant to the provisions of the Act and of this Contract shall be insufficient for the purpose of completing the initial facilities of the Project and placing each facility thereof in Commercial Operation including the completion of those transmission system facilities to be acquired and constructed by the Authority prior to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet the Authority's investment responsibility during such period in connection with any agreement for an integrated transmission system to which the Authority may be a party in accordance with the provisions of Section 302 hereof.

- (b) Additional Bonds may be sold and issued by the Authority in accordance with the provisions of the Bond Resolution at any time and from time to time in the event funds are required to pay the cost of (i) any major renewals, replacements, repairs, additions, betterments, or improvements, to the Project necessary, in the opinion of the Consulting Engineer, to keep the Project in good operating condition or to prevent a loss of revenues therefrom, (ii) any major additions, improvements, repairs, or modifications to the Project, or any decommissionings or disposals of the Project, required by any governmental agency having jurisdiction over the Project or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof, or (iii) reload fuel for each generation facility of the Project in any Power Supply Year to the extent that sufficient funds are not available in any reserves established by the Authority for Fuel Costs; provided however, that no such additional Bonds may be issued for the purpose of adding additional generating units to the Project.
- (c) At such time as funds may be required to provide funds in excess of those provided from the sale of the Bonds first validated pursuant to the Act and this Contract to meet the Authority's investment responsibility in connection with the agreement to which the Authority may be a party providing for an integrated transmission system, in accordance with the provisions of Section 302, hereof, the Authority may provide such funds as may be necessary therefor by the issuance of additional Bonds.
- (d) Any such additional Bonds shall be secured by assignment of the payments to be made by the Participants pursuant to the provisions of Article III of the Power Sales Contracts, including payments required to be made under Article III of this Contract, and all other payments attributable to the Project or to the Annual Project Costs to be made in accordance with or pursuant to any other provision of this Contract, and such other Power Sales Contracts, as such payments may be increased and extended by reason of the issuance of such additional Bonds, and such additional Bonds may be issued in amounts sufficient to pay the full amount of such costs and sufficient to provide such reserves as may be reasonably determined by the Authority to be desirable. Any such additional Bonds issued in accordance with the provisions of this Section 501 and secured by assignment of payments to be made in accordance with the provisions of this Section, may rank pari passu as to the security afforded by the provisions of this Contract and of all other Power Sales Contracts between the Authority and the Participants relating to the Project and to the issuance of Bonds therefor with all Bonds therefore issued pursuant to and secured in accordance with the provisions of this Contract.

### Section 502. Issuance of Refunding Bonds.

In the event the Annual Project Costs to the Participants of electric power and energy from the Project may be reduced by the refunding of any of the Bonds then outstanding or in the event it shall otherwise be advantageous, in the opinion of the Authority, to refund any Bonds, the Authority may issue and sell refunding Bonds to be secured by assignment of the payments

to be made by the Participants pursuant to the provisions of Article III of the Power Sales Contracts, including payments required to be made under Article III of this Contract, and all other payments attributable to the Project or to the Annual Project Costs to be made in accordance with or pursuant to any other provision of this Contract and such other Power Sales Contracts. Any such refunding Bonds issued in accordance with the provisions of this Section and secured by assignment of such payments may rank pari passu as to the security afforded by the provisions of this Contract and of all other Power Sales Contracts between the Authority and the Participants relating to the Project and to the issuance of Bonds therefor with all bonds theretofore issued pursuant to and secured in accordance with the provisions of this Contract.

## Section 503. Adjustment of Annual Project Costs.

In the event the proceeds derived from the sale of any Bonds issued pursuant to the provisions of this Contract, the payment of which is secured by assignment of payments made pursuant to the provisions of this Contract and of all other Power Sales Contracts between the Authority and the Participants relating to the Project and to the issuance of Bonds therefor, exceed the aggregate amount required for the purposes for which such Bonds were issued, the amount of such excess shall be used to make up any deficiency then existing in any fund or account under the Bond Resolution in the manner therein provided, and any balance shall be used to retire, by purchase or call and redemption, Bonds in advance of maturity, and in such event the Authority will reduce such elements of Annual Project Costs as are necessary and appropriate to reflect such accelerated retirement.

## ARTICLE VI

### DEFAULT

Section 601. Event of Default.

Failure of the Participant to make to the Authority any of the payments for which provision is made in this Contract shall constitute a default on the part of the Participant.

Section 602. Continuing Obligation, Right to Discontinue Service.

In the event of any such default, the Participant shall not be relieved of its liability for payment of the amounts in default, and the Authority shall have the right to recover from the Participant any amount in default. In enforcement of any such right of recovery, the Authority may bring any suit, action, or proceeding in law or in equity, including mandamus and action for specific performance as may be necessary or appropriate to enforce any covenant, agreement or obligation to make any payment for which provision is made in this Contract against the Participant, and the Authority may, upon sixty days written notice to the Participant, cease and discontinue providing all or any portion of the Participant's Bulk Power Supply.

### Section 603. Levy of Tax for Payment.

In the event of such default by the Participant, the Participant shall provide for the assessment and collection of an annual tax sufficient in amount to provide funds annually to make all payments due under the provisions of this Contract in each year over the remainder of the life of this Contract and the Authority shall have the right to bring any suit, action, or proceeding in law or in equity, including mandamus and action for specific performance, to enforce the assessment and collection of a continuing direct annual tax upon all the taxable property within the boundaries of such Participant sufficient in amount to provide such funds annually in each year of the remainder of the life of this Contract.

# Section 604. Transfer of Power and Energy Pursuant to Default.

In the event of a default by a Participant, the Authority shall transfer, on a pro rata basis to all other Participants which are not in default, the defaulting Participant's Entitlement Share of the output and services of the Project which shall have been discontinued by reason of such default, and the pro rata portion of such Entitlement Share of the defaulting Participant so transferred shall become a part of and shall be added to the Entitlement Share of each such transferee Participant, and the transferee Participant shall be obligated to pay for its Entitlement Share, increased as aforesaid, as if the Entitlement Share of the transferee Participant, increased as aforesaid, had been stated originally as the Entitlement Share of the transferee Participant in its Power Sales Contract with the Authority, provided, however, that in no event shall any transfer of any part of a defaulting Participant's Entitlement Share result in an obligation of a transferee Participant to buy output and services of the Project from the Authority in excess of fifty percent of the most recently established maximum annual hourly peak demand of such transferee Participant and provided, further, that the obligation of the defaulting Participant to pay the Authority shall be reduced to the extent that payments shall be received by the Authority for that portion of the defaulting Participant's Entitlement Share which may be transferred as aforesaid.

# Section 605. Other Default by Participant.

In the event of a failure of the Participant to establish, maintain, or collect rates or charges adequate to provide revenue sufficient to enable the Participant to pay all amounts due to the Authority under this Contract or in the event of a failure of the Participant to take from the Authority its Bulk Power Supply in accordance with the provisions of this Contract, or in the event of any default by the Participant under any other covenant, agreement or obligation of this Contract, the Authority may bring any suit, action, or proceeding in law or in equity, including mandamus, injunction and action for specific performance, as may be necessary or appropriate to enforce any covenant, agreement or obligation of this Contract against the Participant.

# Section 606. Default by Authority.

In the event of any default by the Authority under any covenant, agreement or obligation of this Contract, the Participant may bring any suit, action, or proceeding in law or in equity, including mandamus, injunction, and action for specific performance as may be necessary or appropriate to enforce any covenant, agreement, or obligation of this Contract against the Authority.

# Section 607. Abandonment of Remedy.

In case any proceeding taken on account of any default shall have been discontinued or abandoned for any reason, the parties to such proceedings shall be restored to their former positions and rights hereunder, respectively, and all rights, remedies, powers, and duties of the Authority and the Participant shall continue as though no such proceedings had been taken.

## ARTICLE VII

# MISCELLANEOUS GENERAL PROVISIONS

# Section 701. Character and Continuity of Service.

(a) The Authority may temporarily interrupt or reduce deliveries of electric energy to the Participant if the Authority determines that such interruption or reduction is necessary in case of emergencies or in order to install equipment in or make repairs to or replacements,

investigations, and inspections of or to perform other maintenance work on its generation or transmission facilities and related apparatuses. After informing the Participant regarding any such planned interruption or reduction, giving the reason therefor, and stating the probable duration thereof, the Authority will to the best of its ability schedule such interruption or reduction at a time which will cause the least interference with the operations of the Participants.

(b) The Authority shall not be required to provide, or be liable for failure to provide, service under this Contract when such failure or the cessation or curtailment of or interference with the service is caused by Uncontrollable Forces or, with respect to the services to be provided for Supplemental Bulk Power Supply, is caused by the failure or refusal of any other bulk power supplier to enter into reasonable contracts with the Authority or by the inability of the Authority to obtain any required governmental approvals to enable the Authority to acquire or construct any facilities.

# Section 702. Metering.

- (a) The Authority reserves the right to provide for installation of meters and will provide or cause to be provided all necessary metering equipment for determining the quantity and conditions of the supply of electric power and energy delivered by the Authority under this Contract; provided however that the Participant may at its own cost install additional metering equipment to provide a check on that of the Authority. The Participant shall supply without cost to the Authority a suitable place for installing the Authority's metering equipment.
- (b) If any meter used for billing fails to register or is found to be inaccurate, the Authority shall repair or replace such meter or cause it to be repaired or replaced, and an appropriate billing shall be made to the Participant by the Authority based upon the best information available for the period, not exceeding sixty days, during which no metering occurred. Any meter tested and found to be not more than two percent above or below normal shall be considered accurate insofar as correction of billings is concerned. If, as a result of any test, a meter is found to register in excess of two percent above or below normal, then the reading of such meter previously taken for billing purposes shall be corrected for the period during which it is established the meter was inaccurate, but no correction shall be made for any period beyond sixty days prior to the date on which an inaccuracy is discovered by such test.
- (c) In addition to such tests as are deemed necessary by the Authority, the Authority shall have any meter tested at any time upon written request of the Participant and, if such meter proves accurate within two percent above or below normal, the expense of such test shall be borne by the Participant.
- (d) The Authority shall notify the Participant in advance of the time of any meter test so that a representative of the Participant may be present.

# Section 703. Power Deliveries.

Power and energy furnished to the Participant under this Contract shall be in the form of three phase current, alternating at a frequency of approximately 60 Hertz.

# Section 704. Liability of Parties.

The Authority and the Participant shall assume full responsibility and liability for the maintenance and operation of their respective properties and each shall indemnify and save harmless the other from all liability and expense on account of any and all damages, claims,

or actions, including injury to or death of persons arising from any act or accident in connection with the installation, presence, maintenance and operation of the property and equipment of the indemnifying party and not caused in whole or in part by the negligence of the other party; provided that any liability which is incurred by the Authority through the operation and maintenance, of the Project and not covered, or not covered sufficiently, by insurance shall be paid solely from the revenues of the Authority, and any payments made by the Authority to satisfy such liability shall become part of the Annual System Budget.

## Section 705. Other Terms and Conditions.

Service hereunder shall be in accordance with such other terms and conditions as are established as part of the Authority's service rules and regulations, which shall not be inconsistent with the provisions of this Contract.

## Section 706. Assignment of Contract.

- (a) This Contract shall inure to the benefit of and shall be binding upon the respective successors and assigns of the parties to this Contract; provided, however, that except as provided in the event of a default, and, except for the assignment by the Authority authorized hereby, neither this Contract nor any interest herein shall be transferred or assigned by either party hereto except with the consent in writing of the other party hereto, provided, however, that such consent shall not be withheld unreasonably. No assignment or transfer of this Contract shall relieve the parties of any obligation hereunder.
- (b) The Participant acknowledges and agrees that the Authority may assign and pledge to the Trustee and Co-Trustee designated in the Bond Resolution all its right, title, and interest in and to all payments to be made to the Authority under the provisions of Article III of this Contract and all payments attributable to the Project or to the Annual Project Costs to be made in accordance with or pursuant to any other provision of this Contract as security for the payment of the principal (including sinking fund installments) of, and premium, if any, and interest on all the Bonds, and, upon the execution of such assignment and pledge, such Trustee shall have all rights and remedies herein provided to the Authority, and any reference herein to the Authority shall be deemed, with the necessary changes in detail, to include such Trustee which shall be a third party beneficiary of the covenants and agreements of the Participant herein contained.

### Section 707. Termination or Amendment of Contract.

- (a) This Contract shall not be terminated by either party under any circumstances, whether based upon the default of the other party under this Contract or any other instrument or otherwise except as specifically provided in this Contract.
- (b) This Contract shall not be amended, modified, or otherwise altered in any manner that will adversely affect the security for the Bonds afforded by the provisions of this Contract covering the purchase and sale of power hereunder upon which the owners from time to time of the Bonds shall have relied as an inducement to purchase and hold the Bonds. So long as any of the Bonds are outstanding or until adequate provisions for the payment thereof have been made in accordance with the provisions of the Bond Resolution, this Contract shall not be amended, modified, or otherwise altered in any manner which will reduce the payments pledged as security for the Bonds or extend the time of such payments provided herein or which will in any manner impair or adversely affect the rights of the owners from time to time of the Bonds.
  - (c) None of the Power Sale Contracts may be amended as to any one or more Participants

so as to provide terms and conditions different from those herein contained except upon written notice to and written consent or waiver by each of the other Participants, and upon similar amendment being made to the Power Sales Contract of any other Participant requesting such amendment after receipt by such Participant of notice of such amendment.

# ARTICLE VIII

# FUTURE PROJECTS UNDERTAKEN BY THE AUTHORITY

Section 801. Future Projects.

The Authority may from time to time conduct studies and negotiations with respect to planning, designing, financing, constructing, administering, operating, and maintaining or otherwise acquiring future generation and transmission facilities or rights to the output thereof in addition to those contemplated for the Project, and may make recommendations to the Participant that such future facilities be undertaken by the Authority. If the Participant wishes to participate in and the Authority wishes to undertake any such future facilities, the Participant shall execute a contract therefor with the Authority.

# Section 802. Future Participants.

It is expressly understood that nothing herein shall preclude other future participants from contracting with the Authority for planning, procuring, and providing such other future participants' bulk power supply, including participation in other projects undertaken by the Authority.

# Section 803. Changes in Existing SEPA Arrangements.

The Authority may negotiate bulk power supply arrangements with the Southeastern Power Administration and the Georgia Power Company for changes in the currently existing contracts between the Participants and Southeastern Power Administration and between Georgia Power Company and Southeastern Power Administration which changes are for the expressed purpose of lowering the Participants' overall bulk power supply costs by acquisition by the Participants of their full lawful allotments of Southeastern Power Administration power. If such expressed purpose is achieved and the Authority wishes to undertake such arrangements, the Participant may execute a contract therefor with the Authority in which the Participant may assign its allotment of Southeastern Power Administration power to the Authority for delivery by the Authority to the Participant.

# Section 804. Other SEPA Arrangements.

The Authority may negotiate other bulk power supply arrangements with the Southeastern Power Administration relating to other projects of the Southeastern Power Administration not now included in the currently existing contracts between the Participants and the Southeastern Power Administration for acquisition by the Participants of their full lawful allotment of such other projects. The Participant may assign its allotment of such other projects to the Authority for delivery by the Authority to the Participant.

# Section 805. Allocation of Costs.

Until the Authority shall undertake a future project or until the provisions of Sections 803 or 804 hereof relating to SEPA arrangements are implemented, all operating and maintenance costs related to the operating and conducting of the business of the Authority shall be treated as Annual Project Costs and, upon the undertaking by the Authority of a future project or upon implementation of the provisions of Sections 803 or 804 hereof, the Authority

ty shall allocate an appropriate share of its administrative and general expense to such future project and such arrangements under Section 803 and 804.

#### ARTICLE IX

#### SEVERABILITY

In case any one or more of the provisions of this Contract shall for any reason be held to be illegal or invalid by a court of competent jurisdiction, it is the intention of each of the parties hereto that such illegality or invalidity shall not affect any other provision hereof, but this Contract shall be construed and enforced as if such illegal or invalid provision had not been contained herein, and this Contract shall be construed to adopt, but not to enlarge upon, all the applicable provisions of said Act, and all the applicable provisions of the Constitution and general laws of Georgia, and, if any provisions hereof conflict with any applicable provision of said Constitution or laws, the latter as adopted by the legislature and as interpreted by the courts of this state shall prevail in lieu of any provision hereof in conflict or not in harmony therewith.

IN WITNESS WHEREOF, the Municipal Electric Authority of Georgia has caused this Contract to be executed in its corporate name by its duly authorized officers and, by the execution hereof it is acknowledged that payments made under this Contract may be assigned, as provided in Section 706(b) hereof, by the Authority to the Trustee and Co-Trustee to be designated in any Supplemental Bond Resolution as security for the payment of all Bonds of the Authority, as set forth in said Section 706(b) hereof, and the Authority has caused its corporate seal to be hereunto impressed and attested; the Participant has caused this Contract to be executed in its corporate name by its duly authorized officers and its corporate seal to be hereunto impressed and attested, and delivery hereof by the Authority to the Participant is hereby acknowledged, all as of the day and year first above written.

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA
BY:
CHAIRMAN
ATT:
SECRETARY-TREASURER .
•
BY:
MAYOR
ATT:
מ בפר

#### DESCRIPTION OF PROJECT

#### Initial Facilities.

The initial facilities of the Project shall be the following:

I. Initial Electric Generation and Related Transmission Facilities Included In The Project.

# (a) Plant Hatch.

A seventeen and seven-tenths percent undivided interest in the two 807 MWe nominally rated nuclear generating units to be known as the Edwin I. Hatch Nuclear Units, Numbers One and Two, (individually designated as Hatch Unit No. 1 and Hatch Unit No. 2 and collectively designated as Plant Hatch) to be located near Baxley in Appling County, Georgia, including for such units (i) land delineated and described in the records of the Clerk of the Superior Court of Appling County, Georgia, in Plat Book 8, page 35, and in the records of the Clerk of the Superior Court of Toombs County, Georgia, in Plat Book 11, page 84, and all land rights pertaining thereto, (ii) the nuclear power reactors, the turbine-generators, the buildings housing the same, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the Application, and amendments thereto, by the Georgia Power Company before the Atomic Energy Commission in Docket Nos. 50-321 and 50-366 and the Preliminary Safety Analysis Report, and amendments thereto, which constitute a part of such Application, (iii) inventories of materials, supplies, fuel, tools and equipment for use in connection with Plant Hatch, and (iv) the Plant Hatch Railroad delineated and described in the records of the Clerk of the Superior Court of Appling County in Plat Book 8, pages 36, 37, and 38.

# (b) Plant Vogtle.

A thirty percent undivided interest in the two 1150 MWe maximum rated nuclear generating units to be known as the Alvin W. Vogtle Nuclear Units, Numbers One and Two (individually designated as Vogtle Unit No. 1 and Vogtle Unit No. 2 and collectively designated as Plant Vogtle) to be located near Waynesboro in Burke County, Georgia, including for such units (i) land delineated and described in Georgia Power Company Map File M-8-3, to be recorded in the records of the Clerk of the Superior Court of Burke County, Georgia and all land rights pertaining thereto, (ii) the nuclear power reactors, the turbine-generators, the buildings housing the same, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the Application, and amendments thereto, by the Georgia Power Company before the Atomic Energy Commission in Docket Nos. 50-424 and 50-425 and the Preliminary Safety Analysis Report, and amendments thereto, which constitutes a part of such Application, and (iii) inventories of materials, supplies, fuel, tools and equipments for use in connection with Plant Vogtle, provided, however, in the event for any reason Bonds are not issued for that portion of the Project designated as Plant Vogtle, the facilities described in this subparagraph (b) shall not be a part of the Project.

# (c) Working Capital.

Working Capital required by the Authority during construction of the Project and for the placing of the Project in operation for providing Bulk Power Supply, including Supplemental Bulk Power Supply, to all the Participants.

# II. Initial Transmission Facilities Included In The Project.

Those transmission facilities to be acquired and constructed by the Authority during the time prior to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet its investment responsibility during such time in connection with any agreement for an integrated transmission system to which the Authority may be a party in accordance with the provisions of Section 302 of the Contract.

# Additional Facilities.

The additional facilities of the Project shall be those additions and improvements to the electric generation and related transmission facilities and to the transmission system facilities of the Project provided for in clauses (i), (ii) and (iii) of Section 102(s) of the Contract.

# SCHEDULE OF ENTITLEMENT SHARES.

I. PARTICIPANTS' ENTITLEMENT SHARES OF THE OUTPUT AND SERVICES OF THE GENERATING FACILITIES (INCLUDING RELATED TRANSMISSION FACILITIES) INCLUDED IN THE PROJECT

The Participants' Entitlement Shares of the output and services of the generating facilities (including related transmission facilities) of the Project, which Project includes a seventeen and seven-tenths percent undivided interest in Plant Hatch and a thirty percent undivided interest in Plant Vogtle both of which are more particularly described in the Description of Project, and of the services provided by the Authority in accordance with the provisions of Section 303 of the Contract, shall for each Participant be those Entitlement Shares set forth in the following schedule:

Participant	Initial Entitlement Share	Entitlement Share After First Adjustment	Entitlement Share After Second Adjustment	Entitlement Share After Third Adjustment %
A CITTODOTT	0.610	0.644	0.618	0.614
ACWORTH	1.413	1.220	1.162	1.157
ADEL	14.151	12.468	10.412	10.043
ALBANY	0.558	0.469	0.422	0.413
BARNESVILLE	0.931	0.969	0.836	0.809
BLAKELY	0.035	0.035	0.033	0.033
TOWN OF BRINSON	0.574	0.551	0.560	0.566
BUFORD	1.318	1.680	1.807	1.772
CAIRO	2,256	2.638	2.757	2.793
CALHOUN	1.149	1,202	1.104	1.086
CAMILLA	5.277	5.376	5.197	5.173
CARTERSVILLE	5.304	6.373	7.409	7.659
COLLEGE PARK	0.760	0.692	0.645	0.637
COMMERCE	2.595	2,658	2.667	2.677
COVINGTON		3.155	3.369	3.410
CRISP COUNTY	2.643	0.126	0.119	0.118
DOERUN	0.129	2.640	2.607	2.609
DOUGLAS	2.305		7.101	6.976
EAST POINT	7.662	6.652	1.347	1.350
ELBERTON	1.545	1.351	7.021	

ELLAVILLE	0.247	0.268	0.298	0.306
FAIRBURN	0.544	0.526	0.556	0.564
FITZGERALD	2.329	2.769	2.895	2.932
FORSYTH	0.932	0.879	0.967	0.988
FORT VALLEY	1.647	1.616	1.562	1.554
GRANTVILLE	0.090	0.089	0.083	0.082
GRIFFIN	3.600	3.080	2.954	2.932
HOGANSVILLE	0.331	0.308	0.296	0.294
JACKSON	0.542	0.517	0.499	0.496
LAFAYETTE	1.639	1.618	1.604	1.605
LA GRANGE	4.330	3.839	3.302	3.193
LAWRENCEVILLE	1.527	1.809	2.082	2.148
MANSFIELD	<b>0.</b> 051 -	0.036	0.028	0.027
MARIETTA	10.551	11.519	12.448	12.683
MONROE	1.508	1.422	1.444	1.453
MONTICELLO	0.367	0.384	0.398	0.402
MOULTRIE	2.989	2.985	3.031	3.051
NEWNAN	1.609	1.545	1.583	1.596
NORCROSS	0.583	0.733	0.820	0.841
PALMETTO	0.282	0.297	0.323	0.329
QUITMAN	0.747	0.765	0.652	0.630
SANDERSVILLE	0.887	0.813	0.778	0.775
SYLVANIA	1.757	2.639	3.042	3.099
SYLVESTER	0.944	0.887	. 0.954	0.973
THOMASTON	1.299	1.217	1.216	. 1.220
THOMASVILLE	5.788	4.894	<b>4.4</b> 09	4.332
WASHINGTON	1.018	0.994	1.039	, 1.052
WEST POINT	0.561	0.544	0.444	0.424
WHIGHAM	0.086	0.109	0.121	0.124
TOTAL	100.000	100.000	100.000	100.000

The Initial Entitlement Share set forth above shall be the Entitlement Share for the period commencing with the Commercial Operation Date of Hatch Unit No. 1 and ending with the Commercial Operation Date of Hatch Unit No. 2 or December 31, 1978, whichever is the earlier.

The Entitlement Share After First Adjustment shall be the Entitlement Share for the period commencing with the Commercial Operation Date of Hatch Unit No. 2 or January 1, 1979, whichever is the earlier, and ending with the Commercial Operation Date of Vogtle Unit No. 1 or December 31, 1982, whichever is the earlier.

The Entitlement Share After Second Adjustment shall be the Entitlement Share for the period commencing with the Commercial Operation Date of Vogtle Unit No. 1 or January 1, 1983, whichever is the earlier, and ending with the Commercial Operation Date of Vogtle Unit No. 2 or December 31, 1983, whichever is the earlier.

The Entitlement Share After Third Adjustment shall be the Entitlement Share for the period commencing with the Commercial Operation Date of Vogtle Unit No. 2 or January 1, 1984, whichever is the earlier, and ending with the last day of the term of the Contract;

provided however, that in the event Plant Vogtle is not constructed, the Entitlement Share After Second Adjustment and the Entitlement Share After Third Adjustment shall not be applicable, and the Entitlement Share After First Adjustment shall apply for the period commencing with the Commercial Operation Date of Hatch Unit No. 2 or January 1, 1979, whichever is the earlier, and ending with the last day of the term of the Contract; and provided further that the Authority, in accordance with the provisions of Section 311 of the Contract, will sell the output and services of such undivided interests in Plant Hatch and Plant Vogtle to Georgia Power Company in accordance with the following schedules:

Percentage of

# (a) Hatch Unit No. 1 and Hatch Unit No. 2.

Power Supply Year	Output and Services To be Sold to Ga. Power Co.
That Portion of the Power Supply Year Remaining After the Commercial Operation Date of a Unit of the Project	50.0%
First Full Power Supply Year Following Commercial Operation Date	50.0 <i>%</i>
Second Full Power Supply Year Following Commercial Operation Date	37.5%
Third Full Power Supply Year .Following Commercial Operation Date	. 87.5%
Fourth Full Power Supply Year Following Commercial Operation Date	25.0%
Fifth Full Power Supply Year Following Commercial Operation Date	25.0 <i>%</i>
Sixth Full Power Supply Year Following Commercial Operation Date	12.5%
Seventh Full Power Supply Year Following Commercial Operation Date	12.5%

# (b) Vogtle Unit No. 1 and Vogtle Unit No. 2.

Power Supply Year	Percentage of Output and Services To be Sold to Ga. Power Co.
That Portion of the Power Supply Year Remaining After the Commercial Operation Date of a Unit of the Project	50.0%
First Full Power Supply Year Following Commercial Operation Date	50.0%
Second Full Power Supply Year Following Commercial Operation Date	37.5%
Third Full Power Supply Year Following Commercial Operation Date	37.5%
Fourth Full Power Supply Year Following Commercial Operation Date	25.0%
Fifth Full Power Supply Year Following Commercial Operation Date	25.0%
Sixth Full Power Supply Year Following Commercial Operation Date	12.5%
Seventh Full Power Supply Year Following Commercial Operation Date	12.5%

Provided, however that for the purpose of determining the percentage of output and services to be sold to Georgia Power Company, the First Full Power Supply Year Following Commercial Operation Date, with respect to Vogtle Unit No. 1 shall be no later than the calendar year 1984 and with respect to Vogtle Unit No. 2 shall be no later than the calendar year 1985, and the percentage of output and services to be sold (when such output and services are available for such sale) shall be taken from the foregoing schedule for the appropriate year based upon the conclusive presumption that the Commercial Operation Date of Vogtle Unit No. 1 is no later than the year 1983 and that the Commercial Operation Date of Vogtle Unit No. 2 is no later than the year 1984, and provided, further, that the amount of such capacity sold to Georgia Power Company shall not exceed 25% of the Authority's ownership share of the capacity of Vogtle Units Nos. 1 and 2 over the useful life of such units.

It is understood that there shall not be any reduction in Entitlement Shares of the Participants as a result of such sales of output and services to Georgia Power Company and each Participant shall remain liable for its full Entitlement Share except such liability shall be discharged to the extent the Authority receives payment from Georgia Power Company.

# II. PARTICIPANTS' ENTITLEMENT SHARES OF SERVICES OF TRANSMISSION SYSTEM FACILITIES INCLUDED IN THE PROJECT.

The Participants' Entitlement Shares of Services of Transmission System Facilities included in the Project shall be determined by the Authority during each Power Supply Year in accordance with the provisions of Section 308 of the Contract.

#### AMENDMENT

# POWER SALES CONTRACT

#### Between

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

#### and

# THE UNDERSIGNED PARTICIPANT

This Amendment of Contract, made and entered into as of March 1, 1976, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes designated as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended, and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

#### WITNESSETH

#### THAT:

BE it remembered that a Power Sales Contract dated as of October 1, 1975, has been previously executed by and between the Authority and the Participant, and

WHEREAS, the parties desire to amend said Contract in certain respects,

#### NOW THEREFORE:

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, it is agreed by and between the parties hereto as follows:

- Section 1. Said Power Sales Contract shall be dated as of March 1, 1976.
- Section 2. Section 102 (l) (3) of said Contract is deleted in its entirety and the following new Section 102 (l) (3) is substituted in lieu thereof:
- "(3) acquisition of initial fuel or fuel inventory for any generation facility of the Project and working capital and reserves therefor and working capital and reserves for reload fuel and additional fuel inventories."
- Section 3. Section 102 (n) of said Contract is amended by deleting the word "Output" in the fourth line thereof.
- Section 4. Section 102 (o) of said Contract is deleted in its entirety and the following new Section 102 (o) is substituted in lieu thereof:
- "(o) 'Fuel Costs' shall mean all costs incurred by the Authority during any Power Supply Year that are allocable to the acquisition, processing, fabrication, transportation, delivering, reprocessing, storage, and disposal of nuclear materials and of fossil materials required for any of the generation facilities of the Project, including transfers to reserves established by the Authority

ty for such costs related to future Power Supply Years, less credits related to such costs applied as appropriate in the discretion of the Authority.

Section 5. Section 102 (s) of said Contract is deleted in its entirety and the following new Section 102 (s) is substituted in lieu thereof:

"(s) 'Project' shall mean those electric generation and related transmission facilities which are identified in the Description of Project and those transmission system facilities to which reference is made in the Description of Project to be acquired and constructed by the Authority during the time prior to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet the Authority's investment responsibility during such time in connection with any agreement for an integrated transmission system to which the Authority may be a party in accordance with the provisions of Section 302 hereof, together with (i) any major renewals, replacements, repairs, additions, betterments and improvements necessary, in the opinion of the Consulting Engineer, to keep the Project in good operating condition or to prevent a loss of revenue therefrom, (ii) any major additions, improvements, repairs and modifications to the Project and any decommissionings or disposals of the Project, required by any governmental agency having jurisdiction over the Project or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof, and (iii) working capital required by the Authority during construction of the Project and for the placing of the Project in operation for providing Bulk Power Supply, including Supplemental Bulk Power Supply, to the Participant."

Section 6. Section 401 of said Contract is deleted in its entirety and the following new Section 401 is substituted in lieu thereof:

"Section 401. The Authority will provide or cause to be provided to the Participant its Supplemental Bulk Power Supply during each month of each Power Supply Year. Such Supplemental Bulk Power Supply may include, but shall not be limited to, partial and full requirements power purchases and unit power service, generating capacity reserve service, firm and nonfirm capacity and energy service, transmission service (including transmission service purchased by the Authority to supplement the Participant's Entitlement Share of transmission services provided by the Authority from those transmission systems facilities included in the Project) and other interchange service made available as a result of transactions with other utilities. The costs to the Authority of electric power and energy purchased by the Authority from other utilities based upon tariffs filed by such other utilities with the Federal Power Commission will be directly reflected in the monthly Billing Statement to the Participant. Such monthly Billing Statement will include a credit for such delivery point transmission facilities as are owned, financed, or operated by the Participant."

Section 7. Section 501 (b) of said Contract is deleted in its entirety and the following new Section 501 (b) is substituted in lieu thereof:

"(b) Additional Bonds may be sold and issued by the Authority in accordance with the provisions of the Bond Resolution at any time and from time to time in the event funds are required to pay the cost of (i) any major renewals, replacements, repairs, additions, betterments, or improvements, to the Project necessary, in the opinion of the Consulting Engineer, to keep the Project in good operating condition or to prevent a loss of revenues therefrom, (ii) any major additions, improvements, repairs, or modifications to the Project, or any decommissionings or disposals of the Project, required by any governmental agency having jurisdiction over the Project

or for which the Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof, or (iii) reload fuel or additional fuel inventory for any generation facility of the Project in any Power Supply Year to the extent that sufficient funds are not available in any reserve established by the Authority for Fuel Costs; provided however, that no such additional Bonds may be issued for the purpose of adding additional generating units to the Project.

Section 8. Section 501 (c) is deleted in the its entirety, and Section 501 (d) is renumbered Section 501 (c).

Section 9. The attachment to said Contract entitled "Description of Project" and "Schedule of Entitlement Shares" consisting of five pages is deleted in its entirety and the Description of Project and Schedule of Entitlement Shares attached hereto is substituted in lieu thereof.

Section 10. Said Contract shall remain in full force and effect except as herein amended.

IN WITNESS WHEREOF, The Municipal Electric Authority of Georgia and the Participant have caused this Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate seals to be hereunto impressed and attested, all as of the day and year first above written.

MUNICIPAL ELECTRIC AUTHORITY

CHAIRMAN

SECRETARY TREASURER

CITY OF ADEL

MAYOR

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# DESCRIPTION OF PROJECT

Initial Facilities.

The initial facilities of the Project shall be the following:

I. Initial Electric Generation and Related Transmission Facilities Included In The Project.

# (a) Plant Hatch.

A seventeen and seven-tenths percent undivided interest in the two 807 MWe nominally rated nuclear generating units to be known as the Edwin I. Hatch Nuclear Units, Numbers One and Two, (individually designated as Hatch Unit No. 1 and Hatch Unit No. 2 and collectively designated as Plant Hatch) to be located near Baxley in Appling County, Georgia, including for such units (i) land delineated and described in the records of the Clerk of the Superior Court of Appling County, Georgia, in Plat Book 8, page 35, and in the records of the Clerk of the Superior Court of Toombs County, Georgia, in Plat Book 11, page 84, and all land rights pertaining thereto, (ii) the nuclear power reactors, the turbine-generators, the buildings housing the same, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the Application, and amendments thereto, by the Georgia Power Company before the Atomic Energy Commission in Docket Nos. 50-321 and 50-366 and the Preliminary Safety Analysis Report, and amendments thereto, which constitute a part of such Application, (iii) inventories of materials, supplies, fuel, tools and equipment for use in connection with Plant Hatch, and (iv) the Plant Hatch Railroad delineated and described in the records of the Clerk of the Superior Court of Appling County in Plat Book 8, pages 36, 37, and 38; provided, however, the Authority shall have the right and power to sell to any one or more of the political subdivisions listed in the following Schedule of Entitlement Shares which shall not execute a Power Sales Contract with the Authority such portion of its undivided interest in Plant Hatch as the Authority shall be lawfully obligated by virture of any contractual obligation of the Authority to sell to such political subdivisions to satisfy the license conditions pertaining to Plant Hatch.

# (b) Plant Vogtle.

A seventeen and seven-tenths percent undivided interest in the two 1150 MWe maximum rated nuclear generating units to be known as the Alvin W. Vogtle Nuclear Units, Numbers One and Two, (individually designated as Vogtle Unit No. 1 and Vogtle Unit No. 2 and collectively designated as Plant Vogtle) to be located near Waynesboro in Burke County, Georgia, including for such units (i) land delineated and described in Georgia Power Company Map File M-8-15 dated March 15, 1976, to be recorded in the records of the Clerk of the Superior Court of Burke County, Georgia and all land rights pertaining thereto, (ii) the nuclear power reactors, the turbine-generators, the buildings housing the same, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the Application, and amendments thereto, by the Georgia Power Company before the Atomic Energy Commission in Docket Nos. 50-424 and 50-428 and the Preliminary Safety Analysis Report, and amendments thereto, which constitutes a part of such Application, and (iii) inventories of materials, supplies, fuel. tools and equipments for use in connection with Plant Vogtle, provided, however, in the event for any reason Bonds are not issued for that portion of the Project designated as Plant Vogtle, the facilities described in this subparagraph (b) shall not be a part of the Project.

# (c) Plant Wansley.

A ten percent undivided interest in the two 865 MW nominally rated coal-fired generating

units to be known as the Hal Wansley Steam Plant Units, Numbers One and Two, (individually designated as Wansley Unit No. 1 and Wansley Unit No. 2 and collectively designated as Plant Wansley) to be located near Centralhatchee in Heard and Carroll Counties, Georgia, including for such units (i) land delineated and described in Georgia Power Company Map File K-8-1 dated June 5, 1972, to be recorded in the records of the Clerks of Superior Courts of Heard and Carroll Counties, Georgia, and all land rights pertaining thereto, (ii) the turbine-generators, the boilers, the buildings housing the same, the stack, the cooling facilities, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the environmental impact statement relating to Plant Wansley, and (iii) inventories of materials, supplies, fuel, tools and equipment for use in connection with Plant Wansley, provided, however, in the event for any reason Bonds are not issued for that portion of the Project designated as Plant Wansley, the facilities described in this subparagraph (c) shall not be a part of the Project.

# (d) Plant Scherer.

A ten percent undivided interest in the four 810 MW nominally rated coal-fired generating units to be known as the Robert W. Scherer Steam Plant Units, Numbers One, Two, Three, and Four, (individually designated as Scherer Unit No. 1, Scherer Unit No. 2, Scherer Unit No. 3, and Scherer Unit No. 4 and collectively designated as Plant Scherer) to be located near Forsyth in Monroe County, Georgia, including for such units (i) land delineated and described in Georgia Power Company Map File N-85-9 dated December 19, 1974, containing approximately twentyseven hundred acres, together with such additional land of approximately ten thousand acres acquired or to be acquired for use in connection with Plant Scherer, to be recorded in the records of the Clerk of Superior Court of Monroe County, Georgia and all land rights pertaining thereto, (ii) the turbine-generators, the boilers, the buildings housing the same, the stacks, the cooling facilities, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the environmental impact statement relating to Plant Scherer, and (iii) inventories of materials, supplies, fuel, tools and equipment for use in connection with Plant Scherer, provided, however, in the event for any reason Bonds are not issued for that portion of the Project designated as Plant Scherer, the facilities described in this subparagraph (d) shall not be a part of the Project.

# (e) Working Capital.

Working Capital required by the Authority during construction of the Project and for the placing of the Project in operation for providing Bulk Power Supply, including Supplemental Bulk Power Supply, to all the Participants.

# II. Initial Transmission Facilities Included In The Project.

Those transmission facilities to be acquired and constructed by the Authority during the time prior to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet its investment responsibility during such time in connection with any agreement for an integrated transmission system to which the Authority may be a party in accordance with the provisions of Section 302 of the Contract.

# Additional facilities.

The additional facilities of the Project shall be those additions and improvements to the electric generation and related transmission facilities and to the transmission system facilities of the Project provided for in clauses (i), and (ii) of Section 102(s) of the Contract.

# SCHEDULE OF ENTITLEMENT SHARES.

I. PARTICIPANTS' ENTITLEMENT SHARES OF THE OUTPUT AND SERVICES OF THE GENERATING FACILITIES (INCLUDING RELATED TRANSMISSION FACILITIES) INCLUDED IN THE PROJECT

The Participants' Entitlement Shares of the output and services of the generating facilities (including related transmission facilities) of the Project, and of the services provided by the Authority in accordance with the provisions of Section 303 of the Contract, shall for each Participant be those Entitlement Shares set forth in the following schedule; provided, however, that in no event shall the Entitlement share of any Participant be less than that set forth in the following schedule and provided, further, that in the event any one or more of the political subdivisions listed in the following schedule shall not execute a Power Sales Contract with the Authority, the Entitlement Shares of the remaining Participants, as such Entitlement Shares are set forth in each column of the following schedule, may be increased pro rata by an amount not exceeding fifteen percent of such Entitlement Shares in order that the sum of the remaining Entitlement Shares in each of the following columns when so adjusted shall total 100.000%:

Participant	Initial Entitlement Share %	Entitlement Share After First Adjustment %	Entitlement Share After Second Adjustment %	Entitlement Share After Third Adjustment
ACWORTH	0.610	0.644	0.618	0.614
ADEL	1.413	1.220	1.162	1.157
ALBANY	14.151	12.468	10.412	10.043
BARNESVILLE	0.558	0.469	0.422	0.413
BLAKELY	0.931	0.969	0.836	0.809
TOWN OF BRINSON	0.035	0.035	0.033	0.033
BUFORD	0.574	0.551	0.560	0.566
CAIRO	1.318	1.680	1.807	1.772
CALHOUN	2.256	2.638	2.757	2.793
CAMILLA	1.149	1.202	1.104	1.086
CARTERSVILLE	5.277	5.376	5.197	5.173
COLLEGE PARK	5.304	6.373	7.409	7.659
COMMERCE	0.760	0.692	0.645	0.637
COVINGTON	2.595	2.658	2.667	2.677
CRISP COUNTY	2.643	3.155	3.369	8.410
DOERUN	0.129	0.126	0.119	0.118
DOUGLAS	2.305	2.640	2.607	2.609
EAST POINT	7.662	6.652	7.101	6.976
ELBERTON ·	1.545	1.351	1.347	1.350
ELLAVILLE	0.247	0.268	0.298	0.306
FAIRBURN	0.544	0.526	0.556	0.564
FITZGERALD	2.329	2.769	2.895	2.932
FORSYTH	0.932	0.879	0.967	0.988
FORT VALLEY	1.647	1.616	1.562	1.554
GRANTVILLE	0.090	0.089	0.083	0.082
GRIFFIN	3.600	3.080	2.954	2.932
HOGANSVILLE	0.331	0.308	0.296	0.294

JACKSON	0.542	0.517	0.499	0.496
LAFAYETTE	1.639	1.618	1.604	1.605
LA GRANGE	4.330	3.839	3,302	3.193
LAWRENCEVILLE	1.527	1.809	2.082	2.148
MANSFIELD	0.051	0.036	0.028	0.027
MARIETTA	10.551	11.519	12.448	12.683
MONROE	1.508	1.422	1.444	1.453
MONTICELLO	0.367	0.384	0.398	0.402
MOULTRIE	2.989	2.985	3.031	3.051
NEWNAN	1.609	1.545	1.583	1.596
NORCROSS	0.583	0.733	0.820	0.841
PALMETTO	0.282	0.297	0.323	0.329
QUITMAN	0.747	0.765	0.652	0.630
SANDERSVILLE	0.887	0.813	. 0.778	0.775
SYLVANIA	1.757	2.639	3.042	3.099
SYLVESTER	0.944	0.887	0.954	0.973
THOMASTON	1.299	1.217	1.216	1.220
THOMASVILLE	5.788	4.894	4.409	4.332
WASHINGTON	1.018	0.994	1.039	1.052
WEST POINT	0.561	. 0.544	0.444	0.424
WHIGHAM	0.086	0.109	0.121	0.124
TOTAL	100.000	100.000	100.000	100.000

The Initial Entitlement Share set forth above shall be the Entitlement Share for the period commencing with the Commercial Operation Date of Hatch Unit No. 1 and ending December 31, 1978.

The Entitlement Share After First Adjustment shall be the Entitlement Share for the period commencing January 1, 1979, and ending December 31, 1982.

The Entitlement Share After Second Adjustment shall be the Entitlement Share for the period commencing January 1, 1983, and ending December 31, 1983.

The Entitlement Share After Third Adjustment shall be the Entitlement Share for the period commencing January 1, 1984, and ending with the last day of the term of the Contract.

The Authority, in accordance with the provisions of Section 311 of the Contract, will sell a portion of the output and services of such undivided interests in Plant Hatch, Plant Vogtle, Plant Wansley, and Plant Scherer to Georgia Power Company in accordance with the following schedule:

Power Supply Year	Percentage of Output and Services To be Sold to Ga. Power Co.
That Portion of the Power Supply Year Remaining After the Commercial Operation Date of a Unit of the Project	50.0%
First Full Power Supply Year Following Commercial Operation Date	50.0%
Second Full Power Supply Year Following Commercial Operation Date	87.5%
Third Full Power Supply Year Following Commercial Operation Date	87.5%
Fourth Full Power Supply Year Following Commercial Operation Date	25.0%
Fifth Full Power Supply Year Following Commercial Operation Date	25.0%
Sixth Full Power Supply Year Following Commercial Operation Date	12.5%
Seventh Full Power Supply Year Following Commercial Operation Date	12.5%

There shall not be any reduction in Entitlement Shares of the Participants as a result of such sales of output and services to Georgia Power Company and each Participant shall remain liable for its full Entitlement Share except such liability shall be discharged to the extent the Authority receives payment from Georgia Power Company.

II. PARTICIPANTS' ENTITLEMENT SHARES OF SERVICES OF TRANSMISSION SYSTEM FACILITIES INCLUDED IN THE PROJECT.

The Participants' Entitlement Shares of Service of Transmission System Facilities included in the Project shall be determined by the Authority during each Power Supply Year in accordance with the provisions of Section 308 of the Contract.

#### SECOND AMENDMENT

# POWER SALES CONTRACT

#### Between

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

#### and

#### THE UNDERSIGNED PARTICIPANT

This Second Amendment of Contract, made and entered into as of May 25, 1977, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes designated as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended, and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

#### WITNESSETH:

#### THAT:

BE it remembered that a Power Sales Contract and an Amendment, both dated as of March 1, 1976, have been previously executed by and between the Authority and the Participant, and

WHEREAS, the parties desire to amend said Contract in certain respects.

#### NOW THEREFORE:

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto as follows:

- Section 1. Subsection 102(r) of said Power Sales Contract wherein "Proportionate Share" is defined is hereby deleted in its entirety.
- Section 2. Section 403 of said Contract is hereby deleted in its entirety and the following new Section 403 is substituted in lieu thereof:
  - "Section 403. Supplemental Bulk Power Supply Taken By Participant. The Participant shall take all of its Supplemental Bulk Power Supply from the Authority and shall pay to the Authority its share of Annual Supplemental Costs set forth in the Participant's monthy Billing Statement as determined in accordance with the foregoing provisions of this Article IV and submitted by the Authority to the Participant."
- Section 3. Said Amendment shall be effective for each Participant as of the time of the May, 1977, meter readings. The Authority is, however, authorized to make adjustments from working capital for the period from February 7, 1977, to the effective date of this Amendment to off-set the amount by which the total of any Participant's actual billings during such period exceeded what the total of such billings would have been under the WR-9 rate, said adjustments to be a cost of power supply development.
  - Section 4. Said Contract shall remain in full force and effect as herein amended.

IN WITNESS WHEREOF, The Municipal Electric Authority of Georgia and the Participant have caused this Second Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate scals to be hereunto impressed and attested, all of the day and year first above written.

MUNICIPAL ELECTRIC AUTHORITY OF

**GEORGIA** 

t: M 19

ATT: SUCRETARY-TREASURER

CITY OF ADEL, GEORGIA

BY:

John to

## THIRD AMENDMENT

#### POWER SALES CONTRACT

#### BETWEEN

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

#### AND

# THE UNDERSIGNED PARTICIPANT

This Third Amendment of Contract, made and entered into as of February 1, 1978, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes designated as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended, and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

# WITNESSETH:

# THAT:

BE it remembered that a Power Sales Contract and an Amendment, both dated as of March 1, 1976, and a Second Amendment dated as of May 25, 1977, had been previously executed by and between the Authority and the Participant, and

WHEREAS, said Contract contemplates that additional projects may be undertaken by the Authority to provide a portion of the Participant's bulk power requirements, and it is now deemed feasible and desirable by the Participant and the Authority that the Authority acquire additional generating capacity to provide a portion of said requirements, and

WHEREAS, the Participant has determined to enter into a Project Two Power Sales Contract of even date herewith with the Authority in order to enable the Authority to issue its revenue bonds to pay the costs of acquiring and constructing Project Two referred to below and to enable Participant to receive output and related services from Project Two, and

WHEREAS, it is necessary and desirable to amend the said Power Sales Contract, consistent with the Bond Resolution, to enable the Authority to establish rates and charges, if desirable, to recover costs on a combined basis for Supplemental Bulk Power Supply and the output supplied from Project Two and any future projects for which Participant may execute a contract; and to enable the Authority to make additional transactions with respect to the output and services of the Project thereunder.

#### NOW THEREFORE:

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto as follows:

Section 1. The Power Sales Contract, as amended, is hereby further amended by adding at the end of Section 102 the following definitions:

- (x) "Project Two" shall mean the Authority's second project consisting of additional undivided interests in Plants Wansley and Scherer acquired pursuant to an option agreement with Georgia Power Company dated as of August 27, 1976, as amended, which project is described in Section 102(s) of the Project Two Power Sales Contract.
- (y) "Project Two Power Sales Contract" shall mean that certain Contract dated as of the date hereof between the Authority and the Participant as the same may be amended from time to time, relating to the provision of output and related services from Project Two to the Participant.

Section 2. The Power Sales Contract, as amended, is hereby further amended by deleting Section 401 in its entirety and substituting in lieu thereof the following new Section 401:

"Section 401. Supplemental Bulk Power Supply Provided by the Authority.

The Authority will provide or cause to be provided to the Participant its Supplemental Bulk Power Supply during each month of each Power Supply Year. Such Supplemental Bulk Power Supply may include, but shall not be limited to, partial and full requirements firm power purchases, and unit power service, firm and non-firm capacity and energy service, transmission service (including transmission service purchased by the Authority to supplement the Participant's Entitlement Share of transmission services provided by the Authority from those transmission system facilities included in the Project) and other interchange service made available as a result of transactions with other utilities.

Section 3. The Power Sales Contract, as amended, is hereby further amended by deleting Section 402 in its entirety and substituting in lieu thereof the following new Section 402:

· "Section 402. Rates and Charges for Supplemental Bulk Power Supply.

- (a) The Authority may combine the Annual Supplemental Costs with the annual costs of any future project undertaken by the Authority, including Project Two, for which the Participant has executed a contract for the output and related services thereof, for the purpose of establishing rates and charges, or the Authority may establish for any of such costs, or combination thereof, separate rates and charges, at the discretion of the Authority, in either case in accordance with the provisions of Section 402 (b) hereof.
  - (b) The Authority will establish and maintain fair and nondiscriminatory rates and charges which will provide revenues that are sufficient, but only sufficient, to pay the Annual Supplemental Costs, whether or not such Costs are combined with the annual costs of any future projects undertaken by the Authority, including Project Two, for output and services of which the Participant has executed a contract.
- (c) The Authority shall bill the Participant each month during each Power Supply Year by providing the Participant with a Billing Statement for such month in accordance with the rates and charges established pursuant to the foregoing provisions of this Section 402 for its Supplemental Bulk Power Supply. Such monthly Billing Statement will include a credit for such delivery point transmission facilities as are owned, financed or operated by the Participant. Such Billing Statement shall be paid by the Participant on or before the tenth day from the date of such bill. Amounts due and not paid by the Participant on or before said date shall bear an additional charge of one and one-half (1-1/2%) percent per month for each month, or fraction thereof, until the amount due is paid in full. At the end of each Power Supply Year, adjustments of billings shall be made in accordance with the provisions of Section 209 hereof.
- (d) In the event that the Authority establishes rates and charges pursuant to Section 402 (a) hereof to recover, on a combined basis, Annual Supplemental Costs and annual costs of any future projects undertaken by the Authority, including Project Two, for the output and services of which the Participant has executed a contract, the Authority will identify on the Billing Statement submitted by the Authority to the Participant pursuant to Section 402 (c) hereof that amount of the revenues to be received by the Authority from the Participant pursuant to such rates and charges that is allocable to the payment of monthly Annual Supplemental Costs. Such amount shall be the revenues to be received by

the Authority from the Participant not allocated by the Authority to the payment of costs of any such future projects pursuant to the contracts relating to such projects.

Section 4. The Power Sales Contract, as amended, is hereby further amended by renumbering present Section 311(a), and adding a new Section 311(b) to read as follows:

"(b) The Authority may also utilize, sell, and exchange electric capacity and energy from the Participant's Entitlement Share of Project One, whenever, in its discretion, any such transaction can reasonably be expected to result in a more reliable or economical overall Bulk Power Supply to the Participants. The anticipated proceeds from such sales or transactions shall, to the extent practicable, be estimated in the Annual System Budget and any net revenues actually received by the Authority as a result of such transactions shall be credited to the Participant's Entitlement Share of Annual Project Costs under the Power Sales Contract."

xtion 5. Said Contract shall remain in full force and effect as herein amended.

IN WITNESS WHEREOF, The Municipal Electric Authority of Georgia and the Participant have caused this aird Amendment of Contract to be executed in their corporate names by their duly authorized officers and seir corporate seals to be hereunto impressed and attested, all of the day and year first above written.

MUNICIPAL ELECTRIC AUTHORITY

of Georgia

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Secretary-Treasurer

CITY OF ADEL

BY:

Clerk

# FOURTH AMENDMENT

# POWER SALES CONTRACT

# BETWEEN

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

# AND

# THE UNDERSIGNED PARTICIPANT

This Fourth Amendment of Contract, made and entered into as of May 1, 1980, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes designated as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended, and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

#### WITNESSETH:

#### THAT:

BE it remembered that a Power Sales Contract and an Amendment, both dated as of March 1, 1976, a Second Amendment dated as of May 25, 1977, and a Third Amendment dated February 1, 1978, have been previously executed by and between the Authority and the Participant, and

WHEREAS, the Participant and the Authority have determined that it is in their best interests to sell the Authority's interests in Scherer Units Three and Four in each of Project One and Project Two and to acquire additional generating capacity substantially equal to the interests so sold in accordance with the provisions of the Project Three Power Sales Contract entered into by the Participant and the Authority as of the date of this Amendment; and

WHEREAS, it is necessary and desirable to amend the said Power Sales Contract, consistent with the Bond Resolution, to (i) redefine the Project so as to exclude the interests in Scherer Units Three and Four which are to be disposed of by the Authority, and (ii) to revise the schedule of sales of output and services from Scherer Units One and Two.

#### NOW THEREFORE:

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto as follows:

Section I. The attachment to the Power Sales Contract entitled "DESCRIPTION OF PROJECT", as amended, is hereby further amended by deleting section I(d) in its entirety and substituting in lieu thereof the following section I(d):

### "(d) Plant Scherer.

A ten percent undivided interest in the two 810 MW nominally rated coal-fired generating units to be known as the Robert W. Scherer Steam Plant Units, Numbers One and Two (individually designated as Scherer Unit No. One and Scherer Unit No. Two) to be located near Forsyth in Monroe County, Georgia, including for such units (i) land delineated and described in Georgia Power Company Map File N-85-9 dated December 19, 1974, containing

approximately twenty-seven hundred acres, together with such additional land of approximately ten thousand acres acquired or to be acquired for use in connection with Plant Scherer, to be recorded in the records of the Clerk of Superior Court of Monroe County, Georgia and all land rights pertaining thereto, (ii) the turbine-generators, the boilers, the buildings housing the same, the stacks, the cooling facilities, the associated auxiliaries and equipment, and the related transmission facilities all as more particularly described in the environmental impact statement relating to Plant Scherer, (iii) inventories of materials, supplies, fuel, tools and equipment for use in connection with Plant Scherer, and (iv) an amount equal to 5.0 percent of the common facilities of Plant Scherer."

Section 2. The attachment to the Power Sales Contract entitled "SCHEDULE OF ENTITLEMENT SHARES", as amended, is hereby further amended by deleting Plant Scherer from the schedule of sales of output and services to Georgia Power Company, and adding a new schedule of sales of output and services to Georgia Power Company from Scherer Units One and Two as follows:

"The Authority, in accordance with the provisions of Section 311 of the Contract, intends to sell a portion of the output and services of the Project to Georgia Power Company in accordance with the following schedule:

Percentage of

Output and Services To be Sold to Georgia Power Company
100.0%
90.0%
80.0%
70.0%
60.0%
50.0%
40.0%
30.0%
20.0%
10.0%

The Authority may, in its discretion, establish conclusive commercial operation dates for units of the Project for the purpose of the foregoing schedule and such dates may be different from those Commercial Operation Dates established in accordance with Section 102(i) of the Contract. The establishment of the foregoing schedule is not intended to limit the power of the Authority granted in Section 311 to sell and exchange power and energy from the Project."

IN WITNESS WHEREOF, The Municipal Electric Authority of Georgia and the Participant have caused this Fourth Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate seals to be hereunto impressed and attested, all of the day and year first above written.

MUNICIPAL ELECTRIC AUTHORITY
OF GEORGIA

BY: Somanle Chairman

Secretary-Treasurer

Mayo

ATT: <u>Levefil Jesmentes</u>.

# FIFTH AMENDMENT POWER SALES CONTRACT

# **BETWEEN**

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA.

# AND

# THE UNDERSIGNED PARTICIPANT

This Fifth Amendment of Contract, made and entered into as of November 16, 1983, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes designated as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended (Title 46-3-110 O.C.G.A.), and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

#### WITNESSETH:

BE it remembered that a Power Sales Contract and an Amendment, both dated as of March 1, 1976, a Second Amendment dated as of May 25, 1977, a Third Amendment dated February 1, 1978, and a Fourth Amendment dated May 1, 1980, have been previously executed by and between the Authority and the Participant; and

WHEREAS, the Participant and the Authority have determined that it is in their best interests that the Authority undertake a fourth project in accordance with the provisions of the Project Four Power Sales Contract entered into by the Participant and the Authority as of the date of this Amendment, which is reasonably expected to result in a more economical overall Bulk Power Supply to the Participant and other political subdivisions contracting with the Authority therefore by making the output and related services of Project Four available to the Participant, and by enabling the Authority to rearrange certain sales of the output of the Project and Project Four to other utilities which is intended to improve substantially the matching of the output of both the Project and Project Four to the Participant's Bulk Power Supply requirements; and

WHEREAS, it is necessary and desirable to amend the said Power Sales Contract, consistent with the Bond Resolution, so as to revise the schedule of sales of output and services from Vogtle Unit No. 1 and Vogtle Unit No. 2.

# NOW THEREFORE

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto that said Contract is further amended as follows:

Section 1. The attachment to the Power Sales Contract entitled "SCHEDULE OF ENTITLE-MENT SHARES", as amended, is hereby further amended by deleting the reference to Plant Vogtle from the schedule of sales of output and services to Georgia Power Company, and adding a new schedule of sales of output and services to Georgia Power Company from Plant Vogtle as follows:

"The Authority, in accordance with the provisions of Section 311 of the Power Sales Contract, as amended, and subject to the provisions of the Alvin W. Vogtle Nuclear Units Numbers One and Two Purchase, Amendment, Assignment and Assumption Agreement, dated as of November 16, 1983, between Georgia Power Company and the Authority, intends to sell a portion of the output and services of its Project One ownership entitlement in Vogtle Units Numbers One and Two to Georgia Power Company in accordance with the following schedule:

"A. As to 77.966% of the output associated with the Authority's Project One ownership entitlement in Vogtle Units Numbers One and Two, such sales shall be as follows:

	Percentage of Output and Services To Be Sold To Georgia Power Company
Power Supply Year	
That Portion of the Power Supply Year Remaining After the Commercial Operation Date of a Unit of Plant Vogtle	50.0%
First Full Power Supply Year Following Commercial Operation Date	50.0%
Second Full Power Supply Year Following Commercial Operation Date	37.5%
Third Full Power Supply Year Following Commercial Operation Date	37.5%
Fourth Full Power Supply Year Following Commercial Operation Date	25.0%
Fifth Full Power Supply Year Following Commercial Operation Date	25.0%
Sixth Full Power Supply Year Following Commercial Operation Date	12.5%
Seventh Full Power Supply Year Following Commercial Operation Date	12.5%

- "B. As to 7.345% of the output associated with the Authority's Project One ownership entitlement in Vogtle Units Numbers One and Two, such sales to Georgia Power Company shall be equal to 100% of the output and services beginning with the Commercial Operation date of a Unit of Plant Vogtle and continuing until the end of the fourteenth full Power Supply Year following the Power Supply Year in which the Commercial Operation of such Unit occurs.
- "C. As to 14.689% of the output associated with the Authority's Project One ownership entitlement in Vogtle Units Numbers One and Two, such sales to Georgia Power Company shall be equal to 100% of the output and services beginning with the Commercial Operation date of a Unit of Plant Vogtle and shall continue until the later to occur of (i) retirement of such Unit, or (ii) the first to occur of the latest date stated for the payment of the principal of Bonds or of provision being made for such payment in accordance with Section 1201 of the Bond Resolution.
- "D. The establishment of the foregoing schedule is not intended to limit the power of the Authority granted in Section 311 to sell and exchange power and energy from Project One."

Section 2. The following new section to be known as "Section 213" is hereby added:

# "Section 213. Resale Covenant.

The Participant agrees that it will not, without the express written consent of the Authority, enter into any contract pursuant to which a nonexempt person agrees to take, or to take or pay for, power purchased from Project One. For purposes of the preceding sentence, "nonexempt person" shall mean any entity which is not a state, territory, or possession of the United States, the District of Columbia, or any political subdivision thereof, and which is not exempt from taxation under Section 501 of the Internal Revenue code of 1954, as amended."

IN WITNESS WHEREOF, the Municipal Electric Authority of Georgia and the Participant have caused this Fifth Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate seals to be hereunto impressed and attested, all of the date and year first above written.

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

Approved As To Form

BY: \_\_\_\_\_\_

Chairman Ö

General Counsel

Corretory-Treasur

Approved As To Form

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Mayor

Participant Actorney

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# SIXIH AMENDMENT

# POWER SALES CONTRACT

#### BETWEEN

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

#### AND

### THE UNDERSIGNED PARTICIPANT

This Sixth Amendment of Contract, made and entered into as of January 1, 1986, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes referred to as the Authority, created by the provisions of I Ga. L. 1975, p. 107, as amended (Title 46-3-110 O.C.G.A.), and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

# WITNESSETH:

ment, both dated as of March 1, 1976, a Second Amendment dated as of May 25, 1977, a Third Amendment dated February 1, 1978, a Fourth Amendment dated May 1, 1980, and a Fifth Amendment dated as of November 16, 1983, have all been executed previously by and between the Authority and the Participant; and

WHEREAS, the City of Oxford ("Oxford") which has previously received its wholesale power supply from the City of Covington has requested to become a Participant; and

WHEREAS, it is in the best interests of the Authority, the Participants and Oxford for Oxford to become a Participant upon the execution of a Power Sales Contract.

# NOW THEREFORE

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto that said Contract is further amended as follows:

Section 1. The Authority is hereby authorized to enter into a Power Sales Contract with Oxford in substantially the form of this Power Sales Contract, as amended, with such changes as may be required to make such contract applicable to Oxford, and to provide Oxford with an Entitlement Share of 0.191%, and an appropriate Transmission Entitlement Share calculated in accordance with Section 308 of the Power Sales Contract.

Section 2. The Authority is authorized to provide a portion of Oxford's Entitlement Share from this Participant's Entitlement Share pro rata with the other Participants approving this Sixth Amendment.

Section 3. This Participant agrees to continue obligated for its full Entitlement Share without deduction for the pro rata portion assigned by the Authority to Oxford: Provided however, that the Authority hereby agrees that it will take all necessary action to enforce the payment of all sums due by Oxford for its Entitlement Share, and this Participant shall receive credit for its pro rata share of such payments.

Section 4. This Sixth Amendment shall become effective when such amendment has been approved by Participants whose 1985 Transmission Entitlement Shares represent, in the aggregate, not less than 75% of the total Participants' Transmission Entitlement Shares for 1985:

Provided, however, that the Authority may make service to Oxford retroactive to January 1, 1986.

IN WITNESS WHEREOF, the Municipal Electric Authority of Georgia and the Participant have caused this Sixth Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate seals to be hereunto impressed and attested, all as of the date and year first above written.

MUNICIPAL ELECTRIC AUTHORITY
OF GEORGIA

Approved As to Form

Approver As to rorm

Reperal Counsel

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Chairmar

ATT: J. Wen /

CITY OF ANEL

Approved As to Form

BV.

Mayor

Mayor /

# SEVENTH AMENDMENT

# POWER SALES CONTRACT

# BETWEEN

# MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

# AND

# THE UNDERSIGNED PARTICIPANT

This Seventh Amendment of Contract, made and entered into as of May 31, 1989, by and between the Municipal Electric Authority of Georgia, a public body corporate and politic and a public corporation of the State of Georgia, hereinafter sometimes referred to as the Authority, created by the provisions of 1975 Ga. Laws 107, as amended (O.C.G.A. § 46-3-110, et seq.), and the undersigned political subdivision of the State of Georgia, hereinafter sometimes designated as the Participant.

# WITNESSETH:

BE it remembered that a Power Sales Contract and an Amendment, both dated as of March 1, 1976, a Second Amendment dated as of May 25, 1977, a Third Amendment dated as of February 1, 1978, a Fourth Amendment dated as of May 1, 1980, a Fifth Amendment dated as of November 16, 1983, and a Sixth Amendment dated as of January 1, 1986, have all been executed previously by and between the Authority and the Participant; and

WHEREAS, the Participant and the Authority have determined that the financing of transmission system facilities after the commercial operation of Vogtle Unit No. Two is to be continued as a part of Project One; and

WHEREAS, a contract with the Southeastern Power Administration (SEPA) permits the Authority to wheel SEPA allocations for municipal preference customers within the State of Georgia.

# NOW, THEREFORE

For and in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the sufficiency of which is hereby acknowledged, it is agreed by and between the parties hereto that said Contract is further amended as follows:

# PROPOSED AMENDMENTS TO POWER SALES CONTRACTS

- Section 1. The Power Sales Contract, as amended, is hereby further amended by deleting subsection 102(s) in its entirety and substituting a new subsection 102(s) to read as follows:
  - "(s) 'Project' shall mean those electric generation and related transmission facilities which are identified in the Description of Project and those transmission system facilities to which reference is made in the Description of Project, together with (i) any major renewals, replacements, repairs, additions, betterments and improvements necessary, in the opinion of the Consulting Engineer, to keep the Project in good operating condition or to prevent a loss of revenue therefrom, (ii) any major additions, improvements, repairs and modifications to the Project and any decommissioning or disposals of the Project, required by any governmental agency having jurisdiction over the Project or for which the

Authority shall be responsible by virtue of any obligation of the Authority arising out of any contract to which the Authority may be a party relating to ownership of the Project or any facility thereof, and (iii) working capital required by the Authority during construction of the Project and for the placing of the Project in operation for providing Bulk Power Supply and SEPA power to the Participant."

- Section 2. The Power Sales Contract, as amended, is hereby further amended by deleting subsection 302(c)(2) in its entirety
- Section 3. The Power Sales Contract, as amended, is hereby further amended by deleting subsection 308(b) in its entirety and by substituting in lieu thereof a new subsection 308(b) so that when so amended subsection 308(b) shall read as follows:
  - power to Participants and other customers of SEPA, provided that the Authority shall recover at least its costs for such transmission service. During any Power Supply Year in which the Authority has responsibility for transmission of SEPA power, such transmission service shall be provided by the Authority to the Participants and other customers of SEPA by accepting delivery of such SEPA power from SEPA, for the accounts of the respective Participants and other customers of SEPA, and delivering such SEPA power to such Participants and other customers through use of the transmission system facilities included in the Project, and the Authority is authorized to increase its investment in, and the annual operating costs of, such transmission system facilities as may be required to provide such

transmission service. The charges for such service shall be calculated and collected by the Authority as provided in Section 308A hereof. All amounts collected by the Authority for such transmission service shall be appropriately credited to Annual Project Costs in the same manner as other credits pursuant to Section 311 hereof."

Section 4. The Power Sales Contract, as amended, is hereby further amended by adding a new section following Section 308 to be designated Section 308A to read as follows:

# "Section 308A. Calculation of Charges for SEPA Transmission Service.

The Authority shall establish a rate (expressed in dollars per kilowatt per month and determined utilizing the annual dollar costs and billing determinants) for each month of the Power Supply Year for purposes of delivering SEPA power to the Participants and other customers of SEPA which are not Participants ('nonparticipant customers') for each month of the Power Supply Year. Such rate shall be determined for each Power Supply Year by dividing the sum of (i) the Annual Project Transmission Fixed Charges, (ii) the Other Annual Project Transmission Costs, and (iii) amounts, if any, which must be paid by the Authority for the purchase of transmission services for the Project under its integrated transmission system agreement with other utilities; in each case as budgeted or estimated to be incurred for the Power Supply Year; by the sum of (a) the highest annual one-hour integrated coincident system demand of Bulk Power Supply provided by the Authority to all of the Participants, (b) the highest annual SEPA capacity delivered by the Authority the Participants and nonparticipant customers, and (c) less demand credits and transmission losses, if applicable, incurred by the Authority under its integrated transmission system agreement with other utilities that are properly allocable to the SEPA capacity delivered to the Participants and nonparticipant customers, in each case to be supplied during the Power Supply Year; with the result further divided by the number of months in the Power Supply Year. The amount payable by each Participant and nonparticipant customer for each month of the Power Supply Year shall be the product of the rate, determined in accordance with the foregoing, and the SEPA capacity delivered by the Authority to such Participant or nonparticipant customer of SEPA during the respective month of the Power Supply Year, plus, in the case of nonparticipant customers of SEPA, any applicable surcharge."

Section 5. The attachment to the Power Sales Contract entitled "Description of Project", as amended, is hereby further amended by deleting the paragraph designated "Additional Facilities" in its entirety and substituting a new paragraph to read as follows:

"Additional Facilities.

The additional facilities of the Project shall be those additions and improvements to the electric generation and related transmission facilities and to the transmission system facilities of the Project provided for in clauses (i) and (ii) of Section 102(s) of this Contract; and those transmission system facilities, renewals, replacements, repairs, disposals, and additions, betterments,

improvements, and modifications thereto, acquired or constructed by the Authority subsequent to the Commercial Operation Date of the last of the generating facilities of the Project to be completed in order to meet its investment responsibility in connection with any agreement for an integrated transmission system to which the Authority may be a party.

IN WITNESS WHEREOF, the Municipal Electric Authority of Georgia and the Participant have caused this Seventh Amendment of Contract to be executed in their corporate names by their duly authorized officers and their corporate seals to be hereunto impressed and attested, all as of the date and year first above written.

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

APPROVED AS TO FORM:

BY: 5mmanle

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Copper Comments.

APPROVED AS TO FORM:

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Mayor

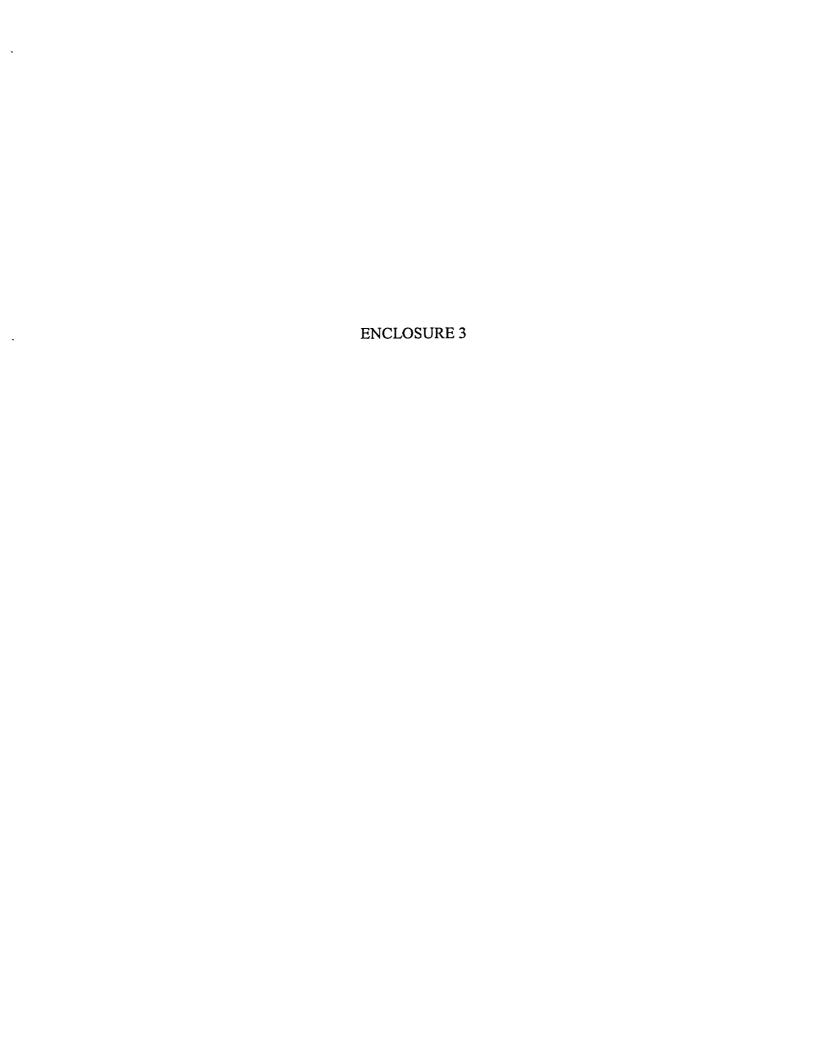
Participant Attorney

TEST:

# **Attachment 3**

# Edwin I. Hatch Nuclear Plant Financial Assurance Requirements for Decommissioning Nuclear Power Reactors – 2003 Submittal

The Trust Agreement was modified on March 9<sup>th</sup>, 2001 to provide for an additional investment manager, State Street Global Advisors.





Oglethorpe Power Corporation 2100 East Exchange Place Tucker, GA 30084-5336 phone 770-270-7600 fax 770-270-7872 An Electric Membership Cooperative

February 27, 2003

Docket Nos.

50-321

50-366

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
"Financial Assurance Requirements for Decommissioning Nuclear Power Reactors"

(63 FR 50465 dated September 22, 1998)

#### Dear Ladies and Gentlemen:

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC, on a calendar year basis, beginning on March 31, 1999, and every 2 years thereafter, on the status of its decommissioning funding for each reactor or part of reactor it owns.

Oglethorpe Power Corporation (OPC), hereby submits the information for operating licenses DPR-7 and NPF-5 as requested in accordance with 10 CFR 50.75(f)(1) for the Edwin I. Hatch Nuclear Plant. Southern Nuclear Operating Company, as the operating licensee and as agent for the joint owners of Plant Hatch, will be forwarding a complete set of submittals to the NRC on behalf of the joint owners.

Based on the information presented herein, there is reasonable assurance that the OPC ownership prorated amount of the NRC prescribed minimum will be available to decommission Plant Hatch units 1 & 2 on the current expiration date of each unit's operating license as set forth in 10 CFR 50.75(c).

Should you have any questions concerning this matter, please call me.

Respectfully submitted,

Anne F. Appleby

Vice President Finance

Oglethorpe Power Corporation

Gove J. Graley

**Enclosures** 



# cc: Southern Nuclear Operating Company

Mr. H. L. Sumner, Vice President - Plant Hatch

# U. S. Nuclear Regulatory Commission, Washington, DC

Mr. L. N. Olshan, Project Manager - Hatch

# U. S. Nuclear Regulatory Commission, Region II

Mr. L. A. Reyes, Regional Administrator

Mr. J. T. Munday, Senior Resident Inspector - Hatch

# Enclosure Edwin I. Hatch Nuclear Plant Oglethorpe Power Corporation

Ownership Percentage – 30%

		<u> </u>	
	10 CFR 50.75(f)(1) Requirement	Unit 1	Unit 2
1.	The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75 (b) and (c) <sup>1</sup>	\$123,538,000 <sup>2</sup>	\$123,538,000 <sup>2</sup>
2.	The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75 (b) and (c).	\$57,840,076	\$45,472,544
3.	A schedule of the annual amounts remaining to be collected; for items in 10 CFR 50.75 (b) and (c).	See Schedule in Attachment 1	See Schedule in Attachment 1
4.	The assumptions used regarding:		
	Rates of escalation in decommissioning cost	4.72%	4.72%
	Rates of Earnings on decommissioning funds	8%	8%
	Rates of other factors used in funding projections	-	-
5.	Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(ii)(c)	-	-
6.	Any modifications to a licensee's current method providing financial assurance occurring since the last submitted report.	-	<u>-</u>
7.	Any material changes to trust agreements.	Two changes were made in the investment managers. The first was a change from one fixed income manager to another fixed income manager. The second change was to remove a poor performing small cap manager and add a Treasury Bill Fund.  In addition the plant has received a 20 year license extension.	Two changes were made in the investment managers. The first was a change from one fixed income manager to another fixed income manager. The second change was to remove a poor performing small cap manager and add a Treasury Bill Fund  In addition the plant has received a 20 year license extension.

<sup>&</sup>lt;sup>1 \*</sup> The NRC formulas in section 10CFR50.75(c) include only those decommissioning costs incurred by licensees to remove a facility or site safely from service and reduce residual radioactivity to levels that permit: (1) release of the property for unrestricted use and termination of the license; or (2) release of the property under restricted conditions and termination of the license. The cost of dismantling or demolishing non-radiological systems and structures is not included in the NRC decommissioning cost estimates. The costs of managing and storing spent fuel on site until transfer to DOE are not included in the cost formulas.

<sup>&</sup>lt;sup>2</sup> This number is based on NUREG-1307, Rev. 9 for the Burial factor and the December 1999 values for the Labor and Energy factors

# PROPOSED SCHEDULE USING 2001 MINIMUM OGLETHORPE POWER CORPORATION NRC FUNDING - 2003 LICENSE EXTENSION - LEVEL CONTRIBUTION

PROPOSED SCHEDULE USING 2001 MINIMUM OGLETHORPE POWER CORPORATION NRC FUNDING - 2003 LICENSE EXTENSION - LEVEL CONTRIBUTION

Hatch 1Escalation Factor4720Hatch 2Escalation Factor4720Inflation Factor472Inflation Factor472Earnings Rate.8Earnings Rate.8

		(est based on							
	Balance	earnings rate)		Balance		Balance			Balance
Year	Begin Year	Earnings	Contribution	End Year	Year	Begin Year	Earnings	Contribution	End Year
7/90	0	0	15,485,000	15,485,000	7/90	0	0	11,334,489	11,334,489
1990	0	0	548,371	16,652,771	1990	11,334,489	453,380	654,745	12,442,614
1991	0	0	548,371	18,533,364	1991	12,442,614	995,409	654,745	14,092,768
1992	0	0	548,371	20,564,404	1992	14,092,768	1,127,421	654,745	15,874,934
1993	0	0	548,371	24,016,702	1993	15,874,934	2,010,297	654,745	18,539,976
1994	0	0	1,147,297	24,565,073	1994	18,539,976	377,070	1,047,457	19,964,503
1995	0	0	1,147,297	25,653,180	1995	20,278,012	2,699,667	1,047,457	24,025,136
1996	0	0	1,147,297	33,842,031	1996	24,025,136	3,071,009	1,047,457	28,143,602
1997	33,842,031	8,135,205	1,147,297	43,124,533	1997	28,143,602	5,262,044	1,047,457	34,453,103
1998	43,124,533	4,171,715	1,953,043	49,249,291	1998	34,453,103	3,337,183	1,364,675	39,154,961
1999	50,986,366	2,164,118	1,874,666	55,025,150	1999	39,154,961	3,313,186	1,286,298	43,754,445
2000	55,025,150	3,667,226	1,299,666	59,992,042	2000	43,754,445	3,014,823	711,298	47,480,566
2001	59,992,042	(62,964)		61,153,743	2001	47,480,566	(39,191)		48,077,673
2002	61,153,743	(3,313,667)		57,840,076	2002		(2,605,129)		45,472,544
2003	57,840,076	4,627,206	0	62,467,282	2003	45,472,544	3,637,803	0	49,110,347
2004	62,467,282	4,997,383	Ö	67,464,664	2004	49,110,347	3,928,828	0	53,039,175
2005	67,464,664	5,397,173	0	72,861,838	2005	53,039,175	4,243,134	0	57,282,309
2006	72,861,838	5,828,947	Ö	78,690,785	2006	57,282,309	4,582,585	0	61,864,894
2007	78,690,785	6,295,263	0	84,986,047	2007	61,864,894	4,949,191	Ö	66,814,085
2008	84,986,047	6,798,884	Ö	91,784,931	2008	66,814,085	5,345,127	Ö	72,159,212
2009	91,784,931	7,342,794	ő	99,127,726	2009	72,159,212	5,772,737	Ö	77,931,949
2010	99,127,726	7,930,218	0	107,057,944	2010		6,234,556	0	84,166,505
2010	107,057,944	8,564,635	0	115,622,579	2010		6,733,320	0	90,899,825
2012			0	124,872,385	2012		7,271,986	Ö	98,171,811
2012	115,622,579	9,249,806	0		2012		7,853,745	0	106,025,556
	124,872,385	9,989,791		134,862,176				0	
2014	134,862,176	10,788,974	0	145,651,150	2014		8,482,044		114,507,601
2015	145,651,150	11,652,092	0	157,303,242	2015		9,160,608	0	123,668,209
2016	157,303,242		0	169,887,502	2016		9,893,457	0	133,561,665
2017	169,887,502		0	183,478,502	2017		10,684,933	0	144,246,599
2018	183,478,502		0	198,156,782	2018		11,539,728	0	155,786,326
2019	198,156,782		0	214,009,325	2019		12,462,906	0	168,249,233
2020	214,009,325	17,120,746	0	231,130,071	2020		13,459,939	0	181,709,171
2021	231,130,071	18,490,406	0	249,620,476	2021		14,536,734		196,245,905
2022	249,620,476	19,969,638	0	269,590,114	2022		15,699,672		211,945,577
2023	269,590,114	21,567,209	0	291,157,324	2023		16,955,646	0	228,901,223
2024	291,157,324		0	314,449,910	2024		18,312,098	0	247,213,321
2025	314,449,910		0	339,605,902	2025		19,777,066	0	266,990,387
2026	339,605,902			366,774,374	2026		21,359,231	0	288,349,618
2027	366,774,374			396,116,324	2027		23,067,969	0	311,417,587
2028	396,116,324		0	427,805,630	2028		24,913,407	0	336,330,994
2029	427,805,630	34,224,450		462,030,081	2029		26,906,480	0	363,237,474
2030	462,030,081	36,962,406	0	498,992,487	2030	, ,	29,058,998	0	392,296,472
2031	498,992,487	39,919,399	0	538,911,886	2031		31,383,718	0	423,680,190
2032	538,911,886		0	582,024,837	2032		33,894,415	0	457,574,605
2033	582,024,837		0	628,586,824	2033		36,605,968		494,180,573
2034	628,586,824	50,286,946	0.	678,873,770	2034		39,534,446		533,715,019
					2035		42,697,202		576,412,221
					2036		46,112,978	0	622,525,198
					2037		49,802,016	0	672,327,214
					2038	672,327,214	53,786,177	0	726,113,391

\$581,978,000 NRC Min from 1/03 letter 695,042,000 NRC Min from 1/03 lette





February 13, 2003

Docket Nos.

50-321

50-366

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
"Financial Assurance Requirements for Decommissioning Nuclear Power Reactors"

(10 CFR 50.75(f)(1)

Dear Ladies and Gentlemen:

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC, on a calendar year basis, beginning on March 31, 1999, and every 2 years thereafter, on the status of its decommissioning funding for each reactor or part of reactor it owns.

The Water, Light and Sinking Fund Commission of the City of Dalton, Georgia, operating as Dalton Utilities, hereby submits the information for operating licenses DPR-7 and NPF-5 as requested in accordance with 10 CFR 50.75(f)(1) for the Edwin I. Hatch Nuclear Plant, Units 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as agent for the joint owners of Plant Hatch, will be forwarding a complete set of submittals to the NRC on behalf of the joint owners.

Based on the information presented herein, there is reasonable assurance that the Dalton ownership prorated amount of the NRC prescribed minimum will be available to decommission Plant Hatch units 1 & 2 on the current expiration date of each unit's operating license as set forth in 10 CFR 50.75(c).

Should you have any questions concerning this matter, please call Tom Bundros at (706) 281-1035.

Respectfully submitted,

Don Cope

President and CEO

Enclosures Page Two

# U. S. Nuclear Regulatory Commission

cc: <u>Southern Nuclear Operating Company</u>
Mr. H. L. Sumner, Vice President - Plant Hatch

<u>U. S. Nuclear Regulatory Commission, Washington, DC</u> Mr. J. Colaccino, NRR Licensing Project Manager - Hatch

<u>U. S. Nuclear Regulatory Commission, Region II</u> Mr. L. A. Reyes, Regional Administrator

Mr. N. P. Garrett, Acting Senior Resident Inspector - Hatch

# **Enclosure**

# Edwin I. Hatch Nuclear Plant The Water, Light and Sinking Fund Commission of the City of Dalton, GA Operating as Dalton Utilities Ownership Percentage – 2.2%

10 CFR 50.75(f)(1) Requirement Unit 1 Unit 2 The minimum decommissioning fund estimate, \$9,059,000<sup>2</sup> \$9,059,0002 1. pursuant to 10 CFR 50.75 (b) and (c)<sup>1</sup> 2. The amount accumulated at the end of the calendar \$14,132,232 \$12,802,431 year preceding the date of the report for items included in 10 CFR 50.75 (b) and (c). 3. A schedule of the annual amounts remaining to be See Schedule in See Schedule in collected; for items in 10 CFR 50.75 (b) and (c). Attachment 1 Attachment 1 The assumptions used regarding: 4. N/A Rates of escalation in decommissioning cost N/A Various Rates of Earnings on decommissioning funds Various Rates of other factors used in funding projections N/A N/A Any contracts upon which the licensee is relying 5. None None pursuant to 10 CFR 50.75(e)(1)(11)(c) Any modifications to a licensee's current method 6 None None providing financial assurance occurring since the last submitted report.

None

None

7.

Any material changes to trust agreements.

<sup>&</sup>lt;sup>1</sup> The NRC formulas in section 10CFR50.75(c) include only those decommissioning costs incurred by licensees to remove a facility or site safely from service and reduce residual radioactivity to levels that permit: (1) release of the property for unrestricted use and termination of the license; or (2) release of the property under restricted conditions and termination of the license. The cost of dismantling or demolishing non-radiological systems and structures is not included in the NRC decommissioning cost estimates. The costs of managing and storing spent fuel on site until transfer to DOE are not included in the cost formulas.

<sup>&</sup>lt;sup>2</sup> This number is based on NUREG-1307, Rev. 10 for the Burial factor (Option 2) and the December 2001 values for the Labor and Energy factors.

The Water, Light and Sinking Fund Commission of
The City of Dalton, GA
D/B/A Dalton Utilities
Nuclear Decommissioning Funds
Investment Balances
December 31, 2002

	Bank of New York			Wachovia Bank			Total Funds		
	Carrying Value	Market Value	Par Value	Carrying Value	Market Value	Par Value	Carrying Value	Market Value	Par Value
Plant Hatch									
Unit 1	4,005,835	6,291,604	14,100,000	7,752,303	7,840,628	6,250,591	11,758,138	14,132,232	20,350,591
Unit 2	3,470,769	5,699,583	18,200,000	6,716,816	7,102,848	8,068,139	10,187,584	12,802,431	26,268,139
Total	7,476,604	11,991,187	32,300,000	14,469,119	14,943,475	14,318,730	21,945,722	26,934,662	46,618,730
Plant Vogtle									
Unit 1	1,701,467	2,962,261	12,200,000	3,292,770	3,691,584	5,408,313	4,994,237	6,653,845	17,608,313
Unit 2	1,707,282	2,956,330	13,000,000	3,304,023	3,684,193	5,762,957	5,011,305	6,640,523	18,762,957
Total	3,408,750	5,918,591	25,200,000	6,596,793	7,375,777	11,171,270	10,005,543	13,294,368	36,371,270
Grand Total	10,885,353	17,909,778	57,500,000	21,065,911	22,319,252	25,490,000	31,951,265	40,229,030	82,990,000