

Georgia Power Company
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Atlanta, Georgia 30302
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November 27, 1979

W. E. Ehrensperger
Senior Vice President
Power Supply

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555

NRC DOCKETS 50-424, 50-425
CONSTRUCTION PERMITS CPPR-108, CPPR-109
ALVIN W. VOGTLE NUCLEAR PLANT UNITS 1, 2

Dear Mr. Denton:

The purpose of this letter is to inform you on behalf of Georgia Power Company ("GPC"), Oglethorpe Power Corporation ("OPC"), the Municipal Electric Authority of Georgia ("MEAG"), and the City of Dalton ("DALTON") of two developments which may relate to the various requests and communications of Georgians Against Nuclear Energy ("GANE"):

- (1) A new Georgia territorial load forecast of peak demands for electricity has been performed, and it indicates annual growth rates of 2.64% to 6.37% between years in the period 1979 - 1980, and averaging over the period 4.03% compounded annually. Attachment 1 is the current Georgia territorial generation expansion plan for meeting this anticipated load. Attachment 2 is the current Southern Company System generation expansion plan reflecting the new Georgia territorial forecast and revised forecasts for other system affiliates.
- (2) GPC and Florida Power & Light Company ("FP&L") have begun discussions which may lead to FP&L joining as a co-owner of up to 30% of Plant Vogtle, with GPC reducing its ownership correspondingly. If the negotiations are successful, regulatory approvals would have to be obtained prior to consummating the arrangement. One of the required approvals, of course, would be that of the Nuclear Regulatory Commission, and because of the Commission's antitrust mandate, GPC assumes that some portion of the plant that would otherwise be owned by FP&L may instead be owned by Florida municipal or cooperative power suppliers. The negotiations are at an early stage, and it is

*The GANE communications, and to a lesser extent the two Directors' Denials, treat the various load forecasts, generation plans, and other power needs data as pertaining to "Georgia Power Company" when in fact they are observations concerning the combined systems of GPC, OPC, MEAG and Dalton. Similarly, Plant Vogtle has not been intended to serve the needs of GPC, which owns only approximately one-half of the plant, but of the combined needs of all four power suppliers.

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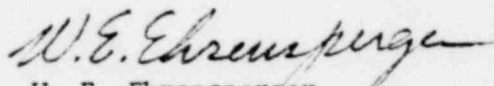
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not possible at this point to estimate when they will be concluded. It is GPC's expectation, however, that the discussions will take place over months, not years, and if they are successful that application for amendments to the construction permits would be made to the Commission shortly after conclusion. Attachment 3 is a long-hand revision of Attachment 2 showing the generation capacity impact on the Southern System of a FP&L arrangement.

Very truly yours,


W. E. Ehrensperger

LTG:MAC/mb

Attachment

xc: Gary Flack, Esquire
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57 Forsyth Street, NW
Atlanta, Georgia 30303

Stephen G. Burns
Office of Executive Legal Director
U. S. Nuclear Regulatory Commission
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G. F. Trowbridge, Esquire
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OCTOBER 30, 1979

GEORGIA POWER COMPANY

REPORT NO. 1
PAGE 1SYSTEM EXPANSION PLAN
79R1-REV.3-CPC
1980 - 1990

UNIT	DATE	ADJUST. CAPACITY	NET SYSTEM CAPACITY	MW LOAD PROJECTED	MW RESERVE	% RESERVE
INITIAL GENERATION 12/31/79			13789.0			
PEAKING 43 MW COMB TURB	2/80	43.0	43.0			
WALLACE DAM 1-6 HYDRO	5/80	325.0	325.0			
SEPA PREFERENCE ADJUSTMENT	6/80	30.2	30.2			
SEPA HYDRO ADJUSTMENT	6/80	-30.2	-30.2			
CRISP COUNTY SEPA ADJUSTMENT	6/80	0.5	-0.5			
TOTAL 7/31/80			14156.5	10701.0	3455.5	32.29
BOWEN 1 PRECIP IMPROVEMENTS	1/81	100.0	100.0			
TVA INTERCHANGE ADJUSTMENT	6/81	-42.0	-42.0			
SEPA HYDRO ADJUSTMENT	6/81	-34.9	-34.9			
SEPA PREFERENCE ADJUSTMENT	6/81	34.9	34.9			
CRISP COUNTY SEPA ADJUSTMENT	6/81	-0.6	-0.6			
TOTAL 7/31/81			14213.9	11031.0	3182.9	28.85
SCHERER 1 800 FC (23.5% CPC)	2/82	800.0	800.0			
SEPA HYDRO ADJUSTMENT	6/82	-40.7	-40.7			
SEPA PREFERENCE ADJUSTMENT	6/82	40.7	40.7			
CRISP COUNTY SEPA ADJUSTMENT	6/82	-0.7	-0.7			
TOTAL 7/31/82			15021.1	11305.0	3626.1	31.82
TOTAL 7/31/83			15021.1	12120.0	2901.1	23.94
ATKINSON 1 RETIRE	1/84	-55.4	-55.4			
SCHERER 2 800 FC (23.5% CPC)	2/84	800.0	800.0			
TOTAL 7/31/84			15773.7	12047.0	2926.7	22.78
VOGTLE 1 1150 NUCLEAR	11/84	1150.0	1150.0			
RUSSELL DAM SEPA HYDRO	12/84	150.0	150.0			
TOTAL 7/31/85			17073.7	13400.0	3665.7	27.34

Attachment 1

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OCTOBER 30, 1979

GEORGIA POWER COMPANY

REPORT NO. 1
PAGE 2SYSTEM EXPANSION PLAN
79R1-REV.3-GPC
1980 - 1990

UNIT	DATE	ADJUST. CAPACITY	NET SYSTEM CAPACITY	MW LOAD PROJECTED	MW RESERVE	% RESERVE
TOTAL 7/31/85			17073.7	13408.0	3665.7	27.34
CASTON A RETIRE (50%)	1/86	-7.9	-7.9			
BARTLETTS FERRY HYDRO ADDITION	1/86	100.0	100.0			
TOTAL 7/31/86			17165.8	13950.0	3215.8	23.05
ROCKY MOUNTAIN 1-3 PUMP STOR	11/86	675.0	675.0			
ARKWRIGHT 1 RETIRE	1/87	-42.2	-42.2			
ATKINSON 2 RETIRE	1/87	-57.3	-57.3			
RUSSELL DAM SEPA P/S	1/87	150.0	150.0			
SCHERER 3 800 FC (33.5% GPC)	2/87	800.0	404.0			
TOTAL 7/31/87			18295.3	14649.0	3646.3	24.89
VOGTLE 2 1150 NUCLEAR	11/87	1150.0	1150.0			
ARKWRIGHT 2 RETIRE	1/88	-43.5	-43.5			
TOTAL 7/31/88			19401.8	15215.0	4186.8	27.52
ARKWRIGHT 3&4 RETIRE	1/89	-86.7	-86.7			
MITCHELL 132 RETIRE	1/89	-41.0	-41.0			
GOAT ROCK HYDRO ADDITION	1/89	67.0	67.0			
SCHERER 4 800 FC (33.5% GPC)	2/89	800.0	404.0			
TOTAL 7/31/89			19745.1	15616.0	4129.1	26.44
ARKWRIGHT 5A&5B RETIRE	1/90	-26.1	-26.1			
TOTAL 7/31/90			19719.0	16183.0	3536.0	21.85

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GENERATION EXPANSION PLAN 79R1(REV3)
 PROPOSED BUDGET AND FORECAST PLAN (1986-1989)
 (1990-2024 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1980 CAPABILITY CHANGES:

CA	PEAKING	43 MW	COMB TURB
CA	WALLACE DAM 1-6	325 MW	HYDRO
CA	SEPA CHANGE	-1 MW	SEPA HYDRO
MIS	SMEPA ADJUSTMENT	-50 MW	SMEPA

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	7019	10701	1350	1404	20248
NUCLEAR	-MW	807	1542	0	0	2349
	%	9.90	10.89	0.00	0.00	9.06
FOSSIL	-MW	5497	9791	1484	1907	10679
	%	67.43	69.17	94.64	92.84	72.04
PEAKING:						
COMB TURB	-MW	87	974	31	62	1154
	%	1.07	6.88	1.98	3.02	4.45
HYDRO	-MW	1163	800	0	0	1968
	%	14.33	5.65	0.00	0.00	7.59
SEPA HYDRO	-MW	310	932	38	69	1349
	%	3.80	6.58	2.42	3.36	5.20
TOTAL	-MW	1565	2706	69	131	4471
	%	19.20	19.12	4.40	6.30	17.24
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	72	117	15	16	220
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	283	117	15	16	431
	%	3.47	0.83	0.96	0.78	1.66
TOTAL CAPAB	-MW	8152	14156	1568	2054	25930
RESERVES	-MW	1133	3455	218	650	5682
	%	16.14	32.29	16.15	46.30	28.06

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GENERATION EXPANSION PLAN 79R1(REV3)
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1981 CAPABILITY CHANGES:

ALA	TVA INTERCHANGE ADJUSTMENT	-25 MW	TVA
GA	CAPABILITY ADJUSTMENT	100 MW	FOSSIL
GA	TVA INTERCHANGE ADJUSTMENT	-42 MW	TVA
ALA	FARLEY 2	807 MW	NUCLEAR
ALA	BOULDIN DAM	232 MW	HYDRO
ALA	FARLEY 1 INCREASE	37 MW	NUCLEAR
ALA	TVA INTERCHANGE ADJUSTMENT	-25 MW	TVA
GA	SEPA CHANGE	-1 MW	SEPA HYDRO
GA	TVA INTERCHANGE ADJUSTMENT	-42 MW	TVA
GULF	DANIEL 1&2 (50%)	506 MW	FOSSIL
GULF	TVA INTERCHANGE ADJUSTMENT	-6 MW	TVA
MISS	DANIEL 1 (50%)	-254 MW	FOSSIL
MISS	DANIEL 2 (50%)	251 MW	FOSSIL
MISS	CAPABILITY ADJUSTMENT	24 MW	FOSSIL
MISS	TVA INTERCHANGE ADJUSTMENT	-7 MW	TVA

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	7283	11031	1354	1459	28902
	%					
NUCLEAR	-MW	1651	1542	0	0	3193
	%	17.94	10.35	0.00	0.00	11.59
FOSSIL	-MW	5497	9891	1990	1928	19306
	%	59.73	69.59	96.23	93.23	70.07
PEAKING:						
COHD TURB	-MW	87	974	31	62	1154
	%	0.95	6.05	1.50	3.00	4.19
HYDRO	-MW	1400	800	0	0	2200
	%	15.21	5.63	0.00	0.00	7.99
SEPA HYDRO	-MW	310	931	38	69	1348
	%	3.37	6.55	1.84	3.34	4.89
TOTAL	-MW	1797	2705	69	131	4702
	%	19.53	19.03	3.34	6.33	17.07
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCC2G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.80	0.53	0.44	0.44	1.27
TOTAL CAPAB	-MW	9203	14213	2068	2068	27552
RESERVES	-MW	1920	3182	714	609	6650
	%	26.36	28.85	52.73	41.74	31.82

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GENERATION EXPANSION PLAN 79R1(REV3)
 PROPOSED BUDGET AND FORECAST PLAN (1980-1989)
 (1990-2024 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1982 CAPABILITY CHANGES:

GA SCHERER 1		808 MW		FOSSIL		
		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	7602	11395	1397	1516	21679
	%					
NUCLEAR	-MW	1651	1542	0	0	3193
	%	17.94	10.27	0.00	0.00	11.26
FOSSIL	-MW	5497	10699	1990	1928	20114
	%	59.73	71.23	96.23	93.23	70.92
PEAKING:						
COMB TURB	-MW	87	974	31	62	1154
	%	0.95	6.48	1.50	3.00	4.07
HYDRO	-MW	1400	800	0	0	2200
	%	15.21	5.33	0.00	0.00	7.76
SEPA HYDRO	-MW	310	931	38	69	1348
	%	3.37	6.20	1.84	3.34	4.75
TOTAL	-MW	1797	2705	69	131	4702
	%	19.53	18.01	3.34	6.33	16.58
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SNEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.80	0.50	0.44	0.44	1.24
TOTAL CAPAB	-MW	9203	15021	2060	2068	28360
	%					
RESERVES	-MW	1601	3626	671	552	6631
	%	21.66	31.82	48.03	36.41	30.82

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GENERATION EXPANSION PLAN 79R1(REV3)
 PROPOSED BUDGET AND FORECAST PLAN (1980-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1983 CAPABILITY CHANGES:

ALA HARRIS DAM 1&2		117 MW		HYDRO		
ALA MILLER 2		654 MW		FOSSIL		
		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	7936	12128	1449	1578	22838
	%					
NUCLEAR	-MW	1651	1542	0	0	3193
	%	16.55	18.27	0.00	0.00	18.96
FOSSIL	-MW	6151	18699	1998	1928	28768
	%	61.67	71.23	96.23	93.23	71.29
PEAKING:						
COMB TURB	-MW	87	974	31	62	1154
	%	0.87	6.48	1.58	3.88	3.96
HYDRO	-MW	1517	808	0	0	2317
	%	15.21	5.33	0.00	0.00	7.95
SEPA HYDRO	-MW	310	931	38	69	1348
	%	3.11	6.28	1.84	3.34	4.63
TOTAL	-MW	1914	2765	69	131	4819
	%	19.19	18.81	3.34	6.33	16.54
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.59	0.58	0.44	0.44	1.28
TOTAL CAPAB	-MW	9974	15021	2868	2868	29131
	%					
RESERVES	-MW	2838	2981	619	498	6293
	%	25.68	23.94	42.72	31.72	27.55

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GENERATION EXPANSION PLAN 79R1 (REV3)
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1984 CAPABILITY CHANGES:

	GA	ATKINSON 1 (RETIRE)	-55 MW	FOSSIL		
	GA	SCHERER 2	800 MW	FOSSIL		
		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	8269	12847	1502	1623	24000
NUCLEAR	-MW	1651	1542	0	0	3193
	%	16.55	9.78	0.00	0.00	10.68
FOSSIL	-MW	6151	11452	1990	1923	21521
	%	61.67	72.60	96.23	93.23	72.02
PEAKING:						
COMB TURB	-MW	87	974	31	62	1154
	%	0.87	6.17	1.50	3.80	3.86
HYDRO	-MW	1517	800	0	0	2317
	%	15.21	5.07	0.00	0.00	7.75
SEPA HYDRO	-MW	310	931	38	69	1348
	%	3.11	5.90	1.84	3.34	4.51
TOTAL	-MW	1914	2705	69	131	4819
	%	19.19	17.15	3.34	6.33	16.13
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMRPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCERC	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.59	0.48	0.44	0.44	1.17
TOTAL CAPAB	-MW	9974	15774	2068	2068	29884
RESERVES	-MW	1705	2927	566	440	5634
	%	20.62	22.78	37.68	27.03	24.52

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GENERATION EXPANSION PLAN 79R1(REV3) - With Vogtle Sale
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2034 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1985 CAPABILITY CHANGES:

ALA	MITCHELL DAM INCREASE	97 MW	HYDRO
ALA	MILLER 3	654 MW	FOSSIL
ALA	FARLEY 2 INCREASE	37 MW	NUCLEAR
ALA	DEMOPOLIS 1&2 (RETIRE)	-34 MW	COMB TURB
GA	RICHARD B. RUSSELL	150 MW	SEPA HYDRO
GA	VOGTLE 1	1150 MW	NUCLEAR
GA	Vogtle 1 Sale	-350	Nuclear
	ALABAMA	GEORGIA	GULF
			MISS SYSTEM

LOAD	-MW	8607	13408	1557	1579	24900
NUCLEAR	-MW	1693	2692	-350	0	4380 -350
	%	15.73	15.77	0.00	0.00	13.71
FOSSIL	-MW	6825	11452	1990	1928	22175
	%	63.43	67.07	96.23	93.23	69.43
PEAKING:						
COMB TURB	-MW	53	974	31	62	1120
	%	0.49	5.70	1.50	3.00	3.51
HYDRO	-MW	1614	800	0	0	2414
	%	15.04	4.69	0.00	0.00	7.56
SEPA HYDRO	-MW	310	1081	38	69	1490
	%	2.89	6.33	1.84	3.34	4.69
TOTAL	-MW	1977	2855	69	131	5032
	%	18.43	16.72	3.34	6.33	15.76
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.40	0.44	0.44	0.44	1.10
TOTAL CAPAB	-MW	10729	17074	2069	2069	31938
RESERVES	-MW	2121	3666	511	489	7038
	%	24.64	27.34	32.82	30.97	28.27

Sale of 350 MW
 of Vogtle 1
 off System

10/18/79

16724
 3316
 24.73 %

31588
 6688
 26.86 %

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Attachment 3
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GENERATION EXPANSION PLAN 79R1(REV3) - *With Vogtle Sale*
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1986 CAPABILITY CHANGES:

ALA	GASTON A (RETIRE) (50%)	-8 MW	COMB TURB
GA	GASTON A (RETIRE) (50%)	-8 MW	COMB TURB
GA	BARTLETTS FERRY INC	100 MW	HYDRO
GULF	CRIST 1 (RETIRE)	-22 MW	FOSSIL
MISS	EATON 1 (RETIRE)	-24 MW	FOSSIL
MISS	WATSON A (RETIRE)	-31 MW	COMB TURB

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	8939	13950	1614	1524	25769
NUCLEAR	-MW	1688	2692	0	0	4380
	%	15.75	15.68	0.00	0.00	13.71
FOSSIL	-MW	6885	11452	1968	1904	22129
	%	63.48	66.71	96.19	94.59	69.27
PEAKING:						
COMB TURB	-MW	45	966	31	31	1073
	%	0.42	5.63	1.52	1.54	3.36
HYDRO	-MW	1614	900	0	0	2514
	%	15.86	5.24	0.00	0.00	7.87
SEPA HYDRO	-MW	310	1081	38	69	1498
	%	2.39	6.30	1.86	3.43	4.69
TOTAL	-MW	1969	2947	69	100	5085
	%	18.37	17.17	3.37	4.97	15.92
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCEGC	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.41	0.44	0.44	0.45	1.10
TOTAL CAPAB	-MW	10720	17166	2046	2013	31945
RESERVES	-MW	1781	3216	432	489	6176
	%	19.92	23.05	26.77	32.09	23.97

16816
 2866
 20.54%

10/10/79
 31595
 5826
 22.61%

1475 148

ATTACHMENT 3
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GENERATION EXPANSION PLAN 79R1(REV3) -With Vogtle Sale
 PROPOSED BUDGET AND FORECAST PLAN (1980-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY/
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1987 CAPABILITY CHANGES:

ALA	MILLER 4	654 MW	FOSSIL
ALA	GORGAS 5 (RETIRE)	-58 MW	FOSSIL
GA	ROCKY MTN 1-3	675 MW	HYDRO
GA	RICHARD B. RUSSELL (PSH)	150 MW	SEPA HYDRO
GA	ARKWRIGHT 1 (RETIRE)	-42 MW	FOSSIL
GA	ATKINSON 2 (RETIRE)	-57 MW	FOSSIL
GA	SCHERER 3 (50%)	404 MW	FOSSIL
GULF	SCHERER 3 (25%)	202 MW	FOSSIL
MISS	SCHERER 3 (25%)	202 MW	FOSSIL
MISS	SWEATT A (RETIRE)	-31 MW	COMB TURB

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	9386	14649	1674	1576	26940
NUCLEAR	-MW	1683	2692	-350	0	4300
	%	14.92	14.71	0.00	0.00	12.97
FOSSIL	-MW	7401	11757	2170	2106	23434
	%	65.43	64.26	96.53	96.43	68.83
PEAKING:						
COMB TURB	-MW	45	966	31	0	1042
	%	0.48	5.23	1.38	0.00	3.06
HYDRO	-MW	1614	1575	0	0	3189
	%	14.26	8.61	0.00	0.00	9.37
SEPA HYDRO	-MW	310	1231	38	69	1648
	%	2.74	6.73	1.69	3.16	4.84
TOTAL	-MW	1969	3772	69	69	5879
	%	17.40	20.62	3.07	3.16	17.27
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.28	0.41	0.40	0.41	1.03
TOTAL CAPAB	-MW	11316	18296	2248	2104	34044
RESERVES	-MW	2010	3647	574	603	7134
	%	21.60	24.90	34.29	38.58	26.37

17946
 3297
 22.51%

10/18/79
 33694
 6754
 25.07%

1475 149
ATTACHMENT 3
 (PAGE 3 OF 6)

GENERATION EXPANSION PLAN 79R1 (REV3) - *With Vogtle Sale*
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1988 CAPABILITY CHANGES:

ALA	BARRY A&B (RETIRE)	-45 MW	COMB TURB			
GA	VOGTLE 2	1150 MW	NUCLEAR			
GA	ARKWRIGHT 2 (RETIRE)	-43 MW	FOSSIL			
MISS	EATON 2 (RETIRE)	-26 MW	FOSSIL			
MISS	STANDARD OIL 102 (RETIRE)	-31 MW	FOSSIL			
GA	Vogtle 2 Sale	-350	Nuclear			
	ALABAMA	GEORGIA	GULF	MISS	SYSTEM	
LOAD	-MW	9680	15215	1735	1624	27980
NUCLEAR	-MW	1688	3842 - 700	0	0	5530 - 700
	%	14.98	19.80	0.00	0.00	15.78
FOSSIL	-MW	7401	11714	2170	2049	23334
	%	65.66	60.37	96.53	96.33	66.58
PEAKING:						
COMB TURB	-MW	0	966	31	0	997
	%	0.00	4.98	1.30	0.00	2.84
HYDRO	-MW	1614	1575	0	0	3189
	%	14.32	8.12	0.00	0.00	9.10
SEPA HYDRO	-MW	310	1231	38	69	1648
	%	2.75	6.34	1.69	3.24	4.70
TOTAL	-MW	1924	3772	69	69	5834
	%	17.07	19.44	3.07	3.24	16.65
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SMEFA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
NSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.29	0.39	0.40	0.42	1.00
TOTAL CAFAB	-MW	11271	19403	2248	2127	35049
RESERVES	-MW	1591	4188	513	503	7069
	%	16.44	27.53	29.57	30.97	25.26

10/10/79

Sale of 350MW 18703
of Vogtle 2 3488
off System 22.92%

34349
6369
22.76%

1475 150

ATTACHMENT 3

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GENERATION EXPANSION PLAN 79R1(REV3) - *With Vogtle Sale*
 PROPOSED BUDGET AND FORECAST PLAN (1988-1989)
 (1990-2000 CONTINGENCY PLAN)

PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1989 CAPABILITY CHANGES:

GA	ARKWRIGHT 324 (RETIRE)	-87 MW	FOSSIL
GA	COAT ROCK INC	67 MW	HYDRO
GA	MITCHELL 182 (RETIRE)	-41 MW	FOSSIL
GA	SCHERER 4 (50%)	404 MW	FOSSIL
GULF	SCHERER 4 (25%)	202 MW	FOSSIL
MISS	SCHERER 4 (25%)	262 MW	FOSSIL

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	10054	15616	1799	1681	28868
NUCLEAR	-MW	1688	3842-700	0	0	5530-700
	%	14.98	19.46	0.00	0.00	15.45
FOSSIL	-MW	7401	11990	2372	2251	24014
	%	65.66	60.72	96.82	96.65	67.89
PEAKING:						
COMB TURB	-MW	0	966	31	0	997
	%	0.00	4.89	1.27	0.00	2.79
HYDRO	-MW	1614	1642	0	0	3256
	%	14.32	8.32	0.00	0.00	9.18
SEPA HYDRO	-MW	310	1231	38	69	1648
	%	2.75	6.23	1.55	2.96	4.68
TOTAL	-MW	1524	3839	69	69	5901
	%	17.07	19.44	2.82	2.96	15.49
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SNEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCE&G	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTY	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.29	0.38	0.37	0.39	0.98
TOTAL CAPAB	-MW	11271	19746	2458	2329	35796
RESERVES	-MW	1217	4130	651	648	6928
	%	12.10	26.45	36.19	38.55	24.00

19046
 3430
 21.96%

10/18/79
 35096
 6228
 21.57%

1475 151

ATTACHMENT 3
 (PAGE 5 OF 6)

GENERATION EXPANSION PLAN 79R1 (REV3) - *With Vogtle Sale*
 PROPOSED BUDGET AND FORECAST PLAN (1980-1989)
 (1990-2004 CONTINGENCY PLAN)
 PEAK HOUR CAPABILITY, RESERVES, AND COMPOSITION OF CAPABILITY
 (INCLUDING SEPA PREFERENCE CUSTOMER LOAD)
 MW AND % OF LOAD

1990 CAPABILITY CHANGES:

ALA	UNLOCATED 41	783 MW	FOSSIL
GA	ARKWRIGHT 5A25B (RETIRE)	-26 MW	COMB TURB
GULF	CRIST 2 (RETIRE)	-28 MW	FOSSIL
MISS	EATON 3 (RETIRE)	-24 MW	FOSSIL

		ALABAMA	GEORGIA	GULF	MISS	SYSTEM
LOAD	-MW	10435	16180	1866	1742	29936
NUCLEAR	-MW	1688	3842	-700	0	5530 -700
	%	14.00	19.48	0.00	0.00	15.15
FOSSIL	-MW	8184	11990	2352	2227	24753
	%	67.89	60.00	96.79	96.62	67.80
PEAKING:						
COMB TURB	-MW	0	940	31	0	971
	%	0.00	4.77	1.28	0.00	2.66
HYDRO	-MW	1614	1642	0	0	3256
	%	13.39	8.33	0.00	0.00	8.92
SEPA HYDRO	-MW	310	1231	38	64	1648
	%	2.57	6.24	1.56	2.99	4.51
TOTAL	-MW	1924	3813	69	69	5875
	%	15.96	19.34	2.84	2.99	16.09
OTHER:						
INTERUP LD	-MW	211	0	0	0	211
AEC	-MW	0	0	0	0	0
SKEPA	-MW	0	0	0	0	0
TVA	-MW	47	75	9	9	140
SAVANNAH	-MW	0	0	0	0	0
SCESG	-MW	0	0	0	0	0
FPC	-MW	0	0	0	0	0
MSU	-MW	0	0	0	0	0
CRISP CTT	-MW	0	0	0	0	0
MISC	-MW	0	0	0	0	0
TOTAL	-MW	258	75	9	9	351
	%	2.14	0.38	0.37	0.39	0.96
TOTAL CAPAB	-MW	12054	19720	2430	2305	36509
RESERVES	-MW	1619	3537	564	563	6573
	%	15.52	21.86	30.23	32.32	21.96

19080
2837
17.53%

10/18/79
35809
5873
19.62%

1475 152

ATTACHMENT 3
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