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March 30, 2017

Docket Nos.: 50-424
50-425

NL-17-0434
10 CFR 50.75(f)(1)

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

Vogtle Electric Generating Plant, Units 1 & 2
Financial Assurance Requirements for
Decommissioning Nuclear Power Reactors

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 NPF-68 and NPF-81 for the Vogtle Electric Generating Plant Unit 1 and Unit 2, respectively, owned by Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and Dalton Utilities. Accordingly, 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 contact Ken McElroy at 205.992.7369.

Respectfully submitted,

J. J. Hutto
Regulatory Affairs Director

JJH/eb/lac

- Enclosures:
1. Georgia Power Company Response
 2. Oglethorpe Power Corporation Response
 3. Municipal Electric Authority of Georgia Response
 4. Dalton Utilities Response

cc: Southern Nuclear Operating Company

Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. B. K. Taber, Vice President – Vogtle 1 & 2
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. B. J. Adams, Vice President – Engineering
Mr. D. D. Sutton, Regulatory Affairs Manager – Vogtle 1 & 2
RType: CVC7000

Georgia Power

Ms. A. P. Daiss, Comptroller, CAO, and Senior V. P.

Oglethorpe Power

Ms. A. F. Appleby, Vice President, Treasurer

Municipal Electric Authority of Georgia

Mr. E. E. Easterlin, Sr., Senior V.P. and CFO

City of Dalton

Mr. Tom Bundros, CEO and President, Dalton Utilities

U. S. Nuclear Regulatory Commission

Ms. C. Haney, Regional Administrator
Mr. M. D. Orenak, NRR Project Manager – Vogtle 1&2
Mr. M. F. Endress, Senior Resident Inspector – Vogtle 1 & 2

**Vogtle Electric Generating Plant, Units 1 & 2
Financial Assurance Requirements for
Decommissioning Nuclear Power Reactors**

Enclosure 1

Georgia Power Company Response

March 7, 2017

Docket Nos.: 50-424
50-425

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

Vogle Electric Generating 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. Accordingly, Georgia Power Company (GPC) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses NPF-68 and NPF-81 issued for Vogle Electric Generating Plant Units 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Vogle Electric Generating 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 Vogle Electric Generating 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 NPF-68 and NPF-81.

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

Respectfully submitted,

GEORGIA POWER COMPANY, by,



David Poroch
Vice President & Comptroller
Enclosure

Enclosure

Vogle Electric Generating Plant

**Georgia Power Company
Ownership Percentage – 45.7%**

	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	\$203,616,000 ²	\$203,616,000 ²
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).	\$127,774,550 ³	\$137,930,256 ³
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 escalation in decommissioning costs; (b) rates of earnings on decommissioning funds; (c) real rate of return; and (d) rates of other factors used in funding projections.	2.49% 4.49% 2.00% None	2.49% 4.49% 2.00% 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 of providing financial assurance occurring since the last submitted report.	No modifications since the last report. Funding is to an external sinking fund with the sources of funds from traditional cost of service ratemaking as ordered by the GPSC.	No modifications since the last report. Funding is to an external sinking fund with the sources of funds from traditional cost of service ratemaking as ordered by the GPSC.
7	Any material changes to trust agreements.	None	None

NOTES:

¹ 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.

² This amount is based on NUREG-1307, Rev. 16, for the burial factor (Option 2) and the December 2016 BLS data for labor and energy.

³ This amount represents the December 31, 2016 balance of funds in the external trust designated for license termination and does not include funds identified and held in subaccounts within the external trusts for spent fuel management and decommissioning of spent fuel storage facilities of \$4,264,153 for Unit 1 and \$9,641,516 for Unit 2, which are funded through rates in accordance with Georgia Public Service Commission Orders.

Attachment 1

Schedule of the Annual Amounts Remaining to be Collected

**GEORGIA POWER COMPANY
NUCLEAR DECOMMISSIONING**
Based on 12/31/2016 Fund Balances
(Amounts in Thousands)

VOGTLE 1

	BEG OF YEAR FUND BAL	FUND EARNINGS	FUND CONTRIB	Adjusted Annual Expend.	END OF YEAR FUND BAL
2017	\$ 127,775	\$ 5,755	\$ 495	-	\$ 134,024
2018	134,024	6,035	495	-	140,555
2019	140,555	6,329	495	-	147,378
2020	147,378	6,635	495	-	154,508
2021	154,508	6,955	495	-	161,959
2022	161,959	7,290	495	-	169,743
2023	169,743	7,639	495	-	177,877
2024	177,877	8,004	495	-	186,377
2025	186,377	8,386	495	-	195,258
2026	195,258	8,785	495	-	204,538
2027	204,538	9,201	495	-	214,234
2028	214,234	9,637	495	-	224,366
2029	224,366	10,092	495	-	234,953
2030	234,953	10,567	495	-	246,015
2031	246,015	11,064	495	-	257,574
2032	257,574	11,583	495	-	269,651
2033	269,651	12,125	495	-	282,271
2034	282,271	12,692	495	-	295,458
2035	295,458	13,284	495	-	309,237
2036	309,237	13,902	495	-	323,634
2037	323,634	14,549	495	-	338,678
2038	338,678	15,224	495	-	354,398
2039	354,398	15,930	495	-	370,823
2040	370,823	16,668	495	-	387,985
2041	387,985	17,438	495	-	405,919
2042	405,919	18,243	495	-	424,657
2043	424,657	19,085	495	-	444,237
2044	444,237	19,964	495	-	464,696
2045	464,696	20,883	495	-	486,074
2046	486,074	21,842	495	-	508,411
2047	508,411	12,659	-	-	521,070

**GEORGIA POWER COMPANY
NUCLEAR DECOMMISSIONING**
Based on 12/31/2016 Fund Balances
(Amounts in Thousands)

VOGTLE 2

	BEG OF YEAR FUND BAL	FUND EARNINGS	FUND CONTRIB	Adjusted Annual Expend.	END OF YEAR FUND BAL
2017	\$ 137,930	\$ 6,193	-	-	\$ 144,123
2018	144,123	6,471	-	-	150,594
2019	150,594	6,762	-	-	157,356
2020	157,356	7,065	-	-	164,421
2021	164,421	7,383	-	-	171,804
2022	171,804	7,714	-	-	179,518
2023	179,518	8,060	-	-	187,578
2024	187,578	8,422	-	-	196,001
2025	196,001	8,800	-	-	204,801
2026	204,801	9,196	-	-	213,997
2027	213,997	9,608	-	-	223,605
2028	223,605	10,040	-	-	233,645
2029	233,645	10,491	-	-	244,136
2030	244,136	10,962	-	-	255,097
2031	255,097	11,454	-	-	266,551
2032	266,551	11,968	-	-	278,519
2033	278,519	12,506	-	-	291,025
2034	291,025	13,067	-	-	304,092
2035	304,092	13,654	-	-	317,745
2036	317,745	14,267	-	-	332,012
2037	332,012	14,907	-	-	346,920
2038	346,920	15,577	-	-	362,496
2039	362,496	16,276	-	-	378,772
2040	378,772	17,007	-	-	395,779
2041	395,779	17,770	-	-	413,550
2042	413,550	18,568	-	-	432,118
2043	432,118	19,402	-	-	451,520
2044	451,520	20,273	-	-	471,794
2045	471,794	21,184	-	-	492,977
2046	492,977	22,135	-	-	515,112
2047	515,112	23,129	-	-	538,240
2048	538,240	24,167	-	-	562,407
2049	562,407	14,004	-	-	576,411

**Vogtle Electric Generating Plant, Units 1 & 2
Financial Assurance Requirements for
Decommissioning Nuclear Power Reactors**

Enclosure 2

Oglethorpe Power Corporation Response



March 9, 2017

Docket Nos.: 50-424
50-425

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

Vogtle Electric Generating 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. Oglethorpe Power Corporation (OPC) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses NPF-68 and NPF-81 issued for Vogtle Electric Generating Plant Unit 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Vogtle Electric Generating Plant, is providing this information to the NRC on behalf of OPC.

Based on the information presented herein, there is reasonable assurance that the funding necessary for decommissioning the Vogtle Electric Generating 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 NPF-68 and NPF-81.

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

Respectfully submitted,

Anne F. Appleby
Vice President, Treasurer
Oglethorpe Power Corporation

Enclosure



Enclosure
Vogtle Electric Generating Plant
Oglethorpe Power Corporation
Ownership Percentage – 30.0%

	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	\$133,665,000 ²	\$133,665,000 ²
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).	\$78,988,000	\$71,549,000
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 escalation in decommissioning costs; (b) rates of earnings on decommissioning funds; * (c) real rate of return; and (d) rates of other factors used in funding projections.	2.49% 5.00% 2.51% None	2.49% 5.00% 2.51% 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 of providing financial assurance occurring since the last submitted report.	None	None
7	Any material changes to trust agreements.	In May 2015 replaced the large cap equity manager with another large cap equity manager. In February 2017 replaced the small cap equity manager with a small/mid cap equity manager	In May 2015 replaced the large cap equity manager with another large cap equity manager. In February 2017 replaced the small cap equity manager with a small/mid cap equity manager

*As a rural electric cooperative, OPC's budget is approved by its Board of Directors annually. The budget includes a 5% rate of earnings assumption for the Hatch and Vogtle Nuclear Decommissioning Trust Funds. The 5% rate of earnings assumption less the 2.49% escalation rate results in a real rate of return of 2.51%

NOTES:

¹ 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.

² This amount is based on NUREG-1307, Rev. 16, for the burial factor (Option 2) and the December 2016 BLS data for labor and energy.

Attachment 1
Schedule of the Annual Amounts Remaining to be Collected
Oglethorpe Power Corporation
2016 NRC MINIMUM

Vogtle 1

Earnings Rate: 5

Year	Balance Begin Year	Earnings	Contribution	Balance End Year
2016	73,473,511	3,673,676	0	78,987,518
2017	78,987,518	3,949,376	0	82,936,894
2018	82,936,894	4,146,845	0	87,083,739
2019	87,083,739	4,354,187	0	91,437,926
2020	91,437,926	4,571,896	0	96,009,822
2021	96,009,822	4,800,491	0	100,810,313
2022	100,810,313	5,040,516	0	105,850,829
2023	105,850,829	5,292,541	0	111,143,370
2024	111,143,370	5,557,168	0	116,700,538
2025	116,700,538	5,835,027	0	122,535,565
2026	122,535,565	6,126,778	0	128,662,344
2027	128,662,344	6,433,117	0	135,095,461
2028	135,095,461	6,754,773	0	141,850,234
2029	141,850,234	7,092,512	0	148,942,746
2030	148,942,746	7,447,137	0	156,389,883
2031	156,389,883	7,819,494	0	164,209,377
2032	164,209,377	8,210,469	0	172,419,846
2033	172,419,846	8,620,992	0	181,040,838
2034	181,040,838	9,052,042	0	190,092,880
2035	190,092,880	9,504,644	0	199,597,524
2036	199,597,524	9,979,876	0	209,577,400
2037	209,577,400	10,478,870	0	220,056,270
2038	220,056,270	11,002,814	0	231,059,084
2039	231,059,084	11,552,954	0	242,612,038
2040	242,612,038	12,130,602	0	254,742,640
2041	254,742,640	12,737,132	0	267,479,772
2042	267,479,772	13,373,989	0	280,853,760
2043	280,853,760	14,042,688	0	294,896,448
2044	294,896,448	14,744,822	0	309,641,271
2045	309,641,271	15,482,064	0	325,123,334
2046	325,123,334	16,256,167	0	341,379,501
2047	341,379,501	17,068,975	0	358,448,476

293,647,000
NRC Min
from 2/17 letter

Vogtle 2

Earnings Rate: 5

Year	Balance Begin Year	Earnings	Contribution	Balance End Year
2016	66,554,510	3,327,726	0	71,549,263
2017	71,549,263	3,577,463	0	75,126,726
2018	75,126,726	3,756,336	0	78,883,062
2019	78,883,062	3,944,153	0	82,827,216
2020	82,827,216	4,141,361	0	86,968,576
2021	86,968,576	4,348,429	0	91,317,005
2022	91,317,005	4,565,850	0	95,882,855
2023	95,882,855	4,794,143	0	100,676,998
2024	100,676,998	5,033,850	0	105,710,848
2025	105,710,848	5,285,542	0	110,996,391
2026	110,996,391	5,549,820	0	116,546,210
2027	116,546,210	5,827,311	0	122,373,521
2028	122,373,521	6,118,676	0	128,492,197
2029	128,492,197	6,424,610	0	134,916,806
2030	134,916,806	6,745,840	0	141,662,647
2031	141,662,647	7,083,132	0	148,745,779
2032	148,745,779	7,437,289	0	156,183,068
2033	156,183,068	7,809,153	0	163,992,221
2034	163,992,221	8,199,611	0	172,191,832
2035	172,191,832	8,609,592	0	180,801,424
2036	180,801,424	9,040,071	0	189,841,495
2037	189,841,495	9,492,075	0	199,333,570
2038	199,333,570	9,966,679	0	209,300,249
2039	209,300,249	10,465,012	0	219,765,261
2040	219,765,261	10,988,263	0	230,753,524
2041	230,753,524	11,537,676	0	242,291,200
2042	242,291,200	12,114,560	0	254,405,760
2043	254,405,760	12,720,288	0	267,126,048
2044	267,126,048	13,356,302	0	280,482,351
2045	280,482,351	14,024,118	0	294,506,468
2046	294,506,468	14,725,323	0	309,231,792
2047	309,231,792	15,461,590	0	324,693,381
2048	324,693,381	16,234,669	0	340,928,050
2049	340,928,050	17,046,403	~	357,974,453

308,453,000
NRC Min
from 2/17 letter

**Vogtle Electric Generating Plant, Units 1 & 2
Financial Assurance Requirements for
Decommissioning Nuclear Power Reactors**

Enclosure 3

Municipal Electric Authority of Georgia Response

March 23, 2017



Docket Nos.: 50-424
50-425

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

Vogtle Electric Generating 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. Accordingly, Municipal Electric Authority of Georgia (MEAG) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses NPF-68 and NPF-81 issued for Vogtle Electric Generating Plant Units 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Vogtle Electric Generating 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 of the Vogtle Electric Generating 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 NPF-68 and NPF-81.

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

Respectfully submitted,

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA, by,

A handwritten signature in black ink, appearing to read "Edward E. Easterlin".

Edward E. Easterlin
Senior Vice President, Chief Financial Officer

Enclosure

Municipal Electric Authority of Georgia
1470 Riveredge Parkway NW
Atlanta, Georgia 30328-4640

1-800-333-MEAG 770-563-0300
Fax 770-953-3141

Enclosure

Vogle Electric Generating Plant

**Municipal Electric Authority of Georgia
Ownership Percentage – 22.7%**

	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	\$101,140,000 ²	\$101,140,000 ²
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).	\$111,947,589	\$107,008,868
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 escalation in decommissioning costs; (b) rates of earnings on decommissioning funds; (c) real rate of return; and (d) rates of other factors used in funding projections.	2.49% 4.15% 1.66% None	2.49% 4.15% 1.66% None
5	Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).	MEAG Power Sales Contracts	MEAG Power Sales Contracts
6	Any modifications to a licensee's current method of providing financial assurance occurring since the last submitted report.	None	None
7	Any material changes to trust agreements.	None	None

NOTES:

¹ 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.

² This amount is based on NUREG-1307, Rev. 16, for the burial factor (Option 2) and the December 2016 BLS data for labor and energy.

Attachment 1

Schedule of the Annual Amounts Remaining to be Collected

MEAG POWER
Decommissioning Funding Plan
Nuclear Decommissioning Fund - Vogtle 1
(Dollars in Thousands)

Calendar Year	Balance at Beg. of Year	Contributions (1)	Earnings	Less: Fees	Balance at End of Year
(A)	(B)	(C)	(D)	(E)	
2016					111,948
2017	111,948	-	4,643	(173)	116,418
2018	116,418	-	4,828	(180)	121,066
2019	121,066	-	5,021	(187)	125,900
2020	125,900	-	5,222	(194)	130,928
2021	130,928	-	5,430	(202)	136,156
2022	136,156	-	5,647	(210)	141,593
2023	141,593	-	5,873	(218)	147,247
2024	147,247	-	6,107	(227)	153,128
2025	153,128	-	6,351	(236)	159,243
2026	159,243	-	6,605	(245)	165,602
2027	165,602	-	6,868	(255)	172,215
2028	172,215	-	7,143	(265)	179,093
2029	179,093	-	7,428	(275)	186,246
2030	186,246	-	7,725	(286)	193,684
2031	193,684	-	8,033	(298)	201,419
2032	201,419	-	8,354	(309)	209,463
2033	209,463	-	8,687	(322)	217,829
2034	217,829	-	9,034	(334)	226,529
2035	226,529	-	9,395	(348)	235,577
2036	235,577	-	9,771	(364)	244,983
2037	244,983	-	10,161	(379)	254,765
2038	254,765	-	10,566	(394)	264,938
2039	264,938	-	10,988	(409)	275,517
2040	275,517	-	11,427	(431)	286,513
2041	286,513	-	11,883	(448)	297,948
2042	297,948	-	12,357	(466)	309,839
2043	309,839	-	12,851	(484)	322,206
2044	322,206	-	13,363	(503)	335,066
2045	335,066	-	13,897	(523)	348,440
2046	348,440	-	14,452	(544)	362,348
2047	362,348	-	1,252	(47)	363,553
2048		-			
2049		-			
Total			261,363	(9,757)	

Footnotes:

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

MEAG POWER
Decommissioning Funding Plan
Nuclear Decommissioning Fund - Vogtle 2
(Dollars in Thousands)

Calendar Year	Balance at Beg. of Year	Contributions (1)	Earnings	Less: Fees	Balance at End of Year
(A)	(B)	(C)	(D)	(E)	
2016					107,009
2017	107,009	-	4,438	(165)	111,282
2018	111,282	-	4,615	(172)	115,725
2019	115,725	-	4,800	(179)	120,346
2020	120,346	-	4,991	(186)	125,152
2021	125,152	-	5,191	(193)	130,149
2022	130,149	-	5,398	(201)	135,347
2023	135,347	-	5,613	(209)	140,751
2024	140,751	-	5,838	(217)	146,372
2025	146,372	-	6,071	(225)	152,217
2026	152,217	-	6,313	(234)	158,296
2027	158,296	-	6,565	(244)	164,618
2028	164,618	-	6,828	(253)	171,192
2029	171,192	-	7,100	(263)	178,029
2030	178,029	-	7,384	(274)	185,139
2031	185,139	-	7,679	(285)	192,533
2032	192,533	-	7,985	(296)	200,223
2033	200,223	-	8,304	(308)	208,219
2034	208,219	-	8,636	(320)	216,535
2035	216,535	-	8,981	(332)	225,184
2036	225,184	-	9,340	(348)	234,175
2037	234,175	-	9,712	(362)	243,526
2038	243,526	-	10,100	(376)	253,250
2039	253,250	-	10,504	(391)	263,362
2040	263,362	-	10,923	(412)	273,873
2041	273,873	-	11,359	(428)	284,803
2042	284,803	-	11,812	(445)	296,170
2043	296,170	-	12,284	(463)	307,991
2044	307,991	-	12,774	(481)	320,284
2045	320,284	-	13,284	(500)	333,068
2046	333,068	-	13,814	(520)	346,362
2047	346,362	-	14,365	(540)	360,188
2048	360,188	-	14,939	(562)	374,565
2049	374,565	-	2,589	(101)	377,053
Total			<u>280,529</u>	<u>(10,484)</u>	

Footnotes:

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

**Vogtle Electric Generating Plant, Units 1 & 2
Financial Assurance Requirements for
Decommissioning Nuclear Power Reactors**

Enclosure 4

Dalton Utilities Response



Docket Nos.: 50-424
50-425

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

Vogtle Electric Generating 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. Accordingly, Dalton Utilities (Dalton) hereby submits the enclosed information in accordance with 10 CFR 50.75(f)(1) for operating licenses NPF-68 and NPF-81 issued for Vogtle Electric Generating Plant Units 1 and 2, respectively. Southern Nuclear Operating Company, as the operating licensee and as an agent for the owners of the Vogtle Electric Generating Plant, is providing this information to the NRC on behalf of Dalton.

Based on the information presented herein, there is reasonable assurance that the funding necessary for decommissioning of the Vogtle Electric Generating 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 NPF-68 and NPF-81.

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

Respectfully submitted,

Dalton Utilities, by,

A handwritten signature in black ink, appearing to read "Tom Benedetto", is written over a horizontal line.

Enclosure

Enclosure

Vogle Electric Generating Plant

**Dalton Utilities
Ownership Percentage – 1.6%**

	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	\$7,129,000 ²	\$7,129,000 ²
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).	\$10,577,080	\$10,127,249
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 escalation in decommissioning costs; (b) rates of earnings on decommissioning funds; (c) real rate of return; and (d) rates of other factors used in funding projections.	2.49% 2.269% -.221% N/A	2.49% 2.269% -.221% N/A
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 of providing financial assurance occurring since the last submitted report.	None	None
7	Any material changes to trust agreements.	None	None

NOTES:

¹ 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.

² This amount is based on NUREG-1307, Rev. 16, for the burial factor (Option 2) and the December 2016 BLS data for labor and energy.

Attachment 1

Schedule of the Annual Amounts Remaining to be Collected

Attachment 1
Schedule of the Annual Amounts Remaining to be Collected
Dalton Utilities
2016 NRC MINIMUM

Vogtle 1					Vogtle 2				
Earnings Rate 2.269					Earnings Rate 2.269				
Year	Balance Beginning of Year	Earnings	Contribution	Balance End of Year	Year	Balance Beginning of Year	Earnings 9897462	Contribution	Balance End of Year
2016	10,342,411	234,669	0	10,577,080	2016	9,902,560	224,689	0	10,127,249
2017	10,577,080	239,994	0	10,817,074	2017	10,127,249	229,787	0	10,357,036
2018	10,817,074	245,439	0	11,062,513	2018	10,357,036	235,001	0	10,592,037
2019	11,062,513	251,008	0	11,313,522	2019	10,592,037	240,333	0	10,832,371
2020	11,313,522	256,704	0	11,570,226	2020	10,832,371	245,786	0	11,078,157
2021	11,570,226	262,528	0	11,832,754	2021	11,078,157	251,363	0	11,329,521
2022	11,832,754	268,485	0	12,101,239	2022	11,329,521	257,067	0	11,586,587
2023	12,101,239	274,577	0	12,375,816	2023	11,586,587	262,900	0	11,849,487
2024	12,375,816	280,807	0	12,656,624	2024	11,849,487	268,865	0	12,118,352
2025	12,656,624	287,179	0	12,943,802	2025	12,118,352	274,965	0	12,393,317
2026	12,943,802	293,695	0	13,237,497	2026	12,393,317	281,204	0	12,674,522
2027	13,237,497	300,359	0	13,537,856	2027	12,674,522	287,585	0	12,962,107
2028	13,537,856	307,174	0	13,845,030	2028	12,962,107	294,110	0	13,256,217
2029	13,845,030	314,144	0	14,159,174	2029	13,256,217	300,784	0	13,557,000
2030	14,159,174	321,272	0	14,480,445	2030	13,557,000	307,608	0	13,864,609
2031	14,480,445	328,561	0	14,809,007	2031	13,864,609	314,588	0	14,179,197
2032	14,809,007	336,016	0	15,145,023	2032	14,179,197	321,726	0	14,500,923
2033	15,145,023	343,641	0	15,488,664	2033	14,500,923	329,026	0	14,829,949
2034	15,488,664	351,438	0	15,840,101	2034	14,829,949	336,492	0	15,166,440
2035	15,840,101	359,412	0	16,199,513	2035	15,166,440	344,127	0	15,510,567
2036	16,199,513	367,567	0	16,567,080	2036	15,510,567	351,935	0	15,862,501
2037	16,567,080	375,907	0	16,942,987	2037	15,862,501	359,920	0	16,222,422
2038	16,942,987	384,436	0	17,327,424	2038	16,222,422	368,087	0	16,590,508
2039	17,327,424	393,159	0	17,720,583	2039	16,590,508	376,439	0	16,966,947
2040	17,720,583	402,080	0	18,122,663	2040	16,966,947	384,980	0	17,351,927
2041	18,122,663	411,203	0	18,533,866	2041	17,351,927	393,715	0	17,745,642
2042	18,533,866	420,533	0	18,954,400	2042	17,745,642	402,649	0	18,148,291
2043	18,954,400	430,075	0	19,384,475	2043	18,148,291	411,785	0	18,560,076
2044	19,384,475	439,834	0	19,824,309	2044	18,560,076	421,128	0	18,981,204
2045	19,824,309	449,814	0	20,274,122	2045	18,981,204	430,684	0	19,411,887
2046	20,274,122	460,020	0	20,734,142	2046	19,411,887	440,456	0	19,852,343
2047	20,734,142	470,458	0	21,204,600	2047	19,852,343	450,450	0	20,302,793
				15,281,110	2048	20,302,793	460,670	0	20,763,463
				NRC Minimum	2049	20,763,463	471,123	0	21,234,586
				from 2/17 letter					16,051,584
									NRC Minimum
									from 2/17 letter