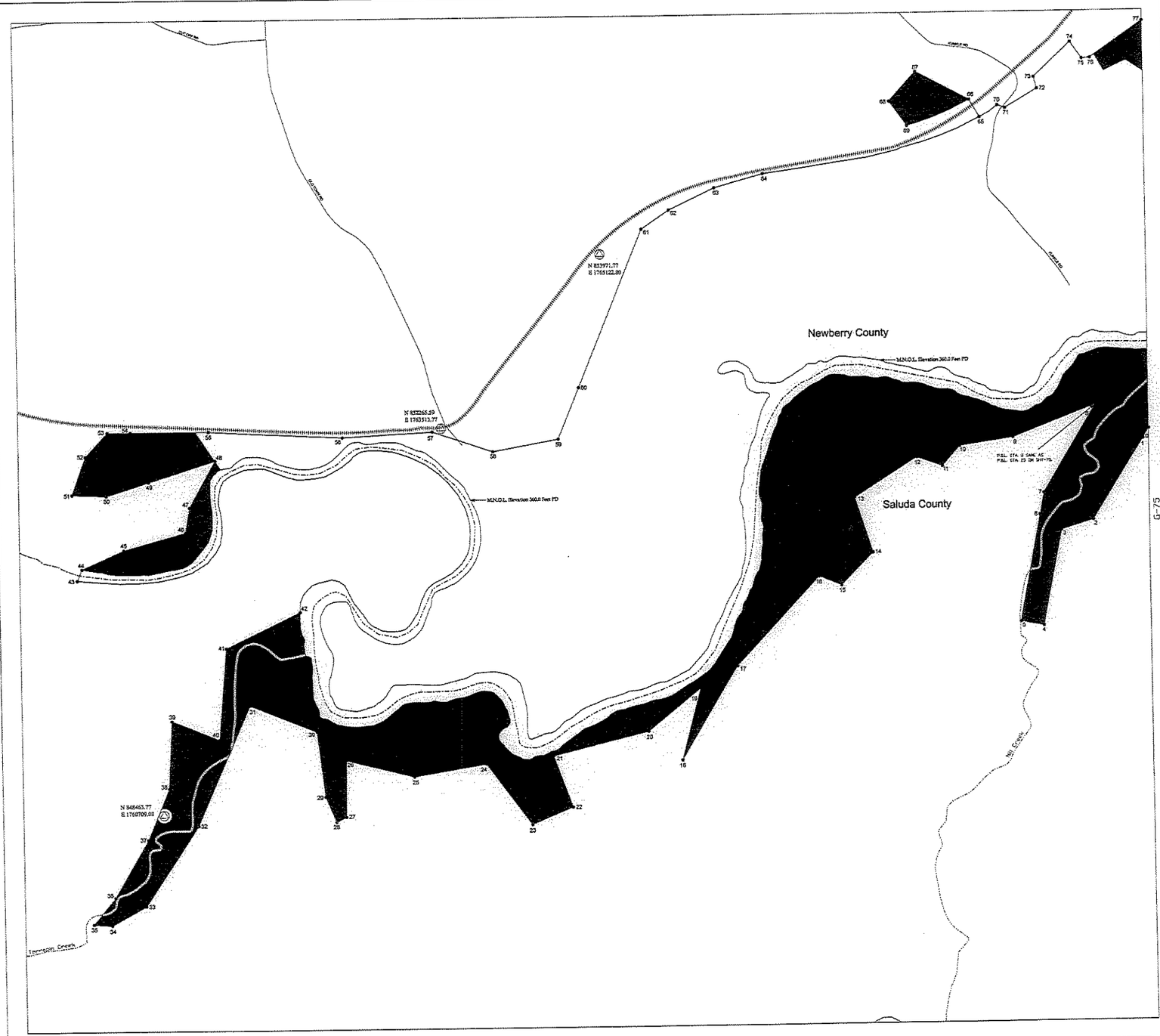
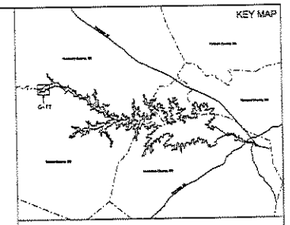
Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	S 29°03' W	113'
1-2	S 32°06' W	940'
2-3	S 72°48' W	333'
3-4	S 11°23' W	960'
4-5	N 79°22' W	230'
5-6	N 10°53' E	1072'
6-7	N 10°53' E	220'
7-8	N 31°08' E	1010'
8-9	S 69°08' W	880'
9-10	S 81°38' W	530'
10-11	S 41°38' W	265'
11-12	N 70°22' W	270'
12-13	S 57°38' W	730'
13-14	S 17°52' E	570'
14-15	S 44°38' W	450'
15-16	N 67°52' W	240'
16-17	S 43°08' W	1200'
17-18	S 31°08' W	1080'
18-19	N 15°08' E	735'
19-20	S 51°08' W	672'
20-21	S 76°08' W	978'
21-22	S 19°52' E	540'
22-23	S 67°38' W	440'
23-24	N 36°22' W	750'
24-25	S 80°38' W	733'
25-26	N 75°52' W	691'
26-27	S 00°53' W	560'
27-28	S 64°08' W	110'
28-29	N 22°52' W	270'
29-30	N 06°37' W	650'
30-31	N 67°52' W	710'
31-32	S 24°08' W	1300'
32-33	S 33°38' W	950'
33-34	S 81°08' W	390'
34-35	N 86°22' W	180'
35-36	N 39°38' E	340'
36-37	N 30°23' E	660'
37-38	N 22°53' E	550'
38-39	N 02°53' E	670'
39-40	S 68°07' E	510'
40-41	N 05°08' E	910'
41-42	N 64°22' E	817'
42-43	EL 360.00'	2222'
43-44	N 22°20' E	121'
44-45	N 86°20' E	456'
45-46	N 74°30' E	630'
46-47	N 10°00' E	250'
47-48	N 29°30' E	530'
48-49	S 72°30' W	690'
49-50	S 72°30' W	440'
50-51	N 87°30' W	340'
51-52	N 20°00' E	400'
52-53	N 43°00' E	323'
53-54	N 90°00' E	229'
54-55	N 90°00' E	770'
55-56	S 87°00' E	1331'
56-57	N 87°00' E	893'
57-58	S 71°30' E	636'
58-59	N 80°00' E	662'
59-60	N 22°30' E	550'
60-61	N 22°30' E	1694'
61-62	N 56°00' E	330'
62-63	N 65°00' E	500'
63-64	N 74°30' E	500'
64-65	R.R. R/W	2233'
65-66	N 30°45' W	200'
66-67	N 62°00' W	600'
67-68	S 42°30' W	390'
68-69	S 36°00' E	300'
69-66	R.R. R/W	667'
66-65	S 30°45' E	200'
65-70	R.R. R/W	210'
70-71	S 70°30' E	80'
71-72	N 60°00' E	370'
72-73	N 15°00' W	120'
73-74	R.R. R/W	499'
74-75	S 35°30' E	200'
75-76	N 86°00' E	80'
76-77	N 55°31' E	632'



KEY MAP



LEGEND

- Railroad
- Pipeline
- Transmission line
- Road
- Project Boundary Line
- Maximum Normal Operating Level (M.N.O.L.)
- Stream
- County Boundary
- Property owned in Fee by S.C.E. & G.
- Recreation areas owned in Fee by S.C.E. & G.

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2001 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD88 (FEET).

TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 88 ADD +21.5'. THE PROJECT BOUNDARY SHOWN IS DEFINED BASED ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTOURS WERE PROVIDED BY S.C.E. & G. AND MAPPED BY ORBIS, INC.

STEREOCOMPILATION PROCESS IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS. AERIAL PHOTOGRAPHY WAS FLOWN AT A SCALE APPROXIMATELY 1 INCH = 600FEET.

I, GERHARD BIENHAKER, A PROFESSIONAL SOUTH CAROLINA PHOTOGRAMMETRIC SURVEYOR/MAPPER HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS. THE PLANIMETRIC AND CONTOURS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP ACCURACY STANDARDS FOR THE SCALE OF 1"=100' AND WERE PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER MY DIRECT SUPERVISION. ALL WORK IS BASED ON NAD83/2001 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD88 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GERHARD BIENHAKER, 1-24635, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE LICENSEE EITHER OWNS IN FEE SIMPLE OR POSSESSES FLOWAGE EASEMENTS OVER THE LANDS SHOWN ON THIS MAP THAT ARE WITHIN THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTOUR LINES WERE BASED ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD.

SOUTH CAROLINA
S.C. P.L.S. 13163
LAND SURVEYOR
GARY D. EATON

EXHIBIT G SHEET G-77

DETAIL MAP OF PROJECT AREA
SHEET 77 OF 77
SALUDA HYDROELECTRIC PROJECT NO. 516
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

0 400 800 1,600
FEET

DATE: AUGUST 2008