James M. Landreth Vice President Fossil & Hydro Operations

jlandreth@scana.com



July 31, 2009

Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, DC 20426

Subject: South Carolina Electric & Gas Company Saluda Hydroelectric Project FERC Project No. 516-459 New License Comprehensive Settlement Agreement, Proposed License Articles and Back-up Documentation

Dear Secretary Bose:

South Carolina Electric & Gas Company ("SCE&G" or "Company"), Licensee of the Saluda Hydroelectric Project (FERC Project No. 516-459), hereby files an electronic copy of the following documentation in support of our Final License Application.

- Saluda Hydroelectric Project Final Comprehensive Relicensing Settlement Agreement (CRSA)
- Proposed Saluda Hydroelectric Project License Articles
- All correspondence, reports, meeting minutes and back-up documentation associated with the Resource Conservation Groups, Technical Working Committees and CRSA discussions held from the Final License Application filing date (August 27, 2008) to the present
- Revised Exhibit D which includes estimated costs associated with all of the protection, mitigation and enhancement measures identified in the CRSA. Some of these costs were not included in Exhibit D Revision 1 filed as a response to the November 24, 2008 Additional Information Request since the programs were not finalized at that time.

Please note that the Historic Properties Management Plan (HPMP) filed with the CRSA has been revised to reflect the corrections filed with the Commission as part of our response to your November 24, 2008 Additional Information Request Schedule B Question 23.

Due to the sensitive nature of the information contained in the HPMP, this document is only being provided to the Commission, State and Tribal Historic Preservation Officers and the Bureau of Indian Affairs. The distribution of this information to the general public could lead to the destruction of significant cultural and archaeological resources in the area of Project effect. Furthermore, pursuant to § 388.112 of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 388.112 (2008), SCE&G is claiming privileged status for Exhibit D as that exhibit contains confidential financial information concerning present and future operations of the company, which information, if made public, could adversely affect the ability of SCE&G to participate in the competitive markets that characterize today's energy industry. Accordingly, a copy of Exhibit D and the HPMP are being filed as Privileged Information and provided only to the Commission.

SCE&G is pleased to submit this final CRSA as it is the culmination of more than four years of the cooperative licensing process. In preparation of the final CRSA, SCE&G, along with state

٠

Kimberly D. Bose Saluda Hydroelectric Project - FERC Project 516-459 New License Comprehensive Settlement Agreement, Proposed License Articles and Back-up Documentation Page 2

and federal agencies and non-governmental organizations stakeholders, invested significant effort in developing a comprehensive Protection. Mitigation and Enhancement package that best balances upstream and downstream resources while it ensures project operational flexibility. SCE&G requests the FERC adopt without material change the recommendations and programs contained in the final CRSA as it is the result of approximately 115,000 person hours invested during the relicensing process. Included in those hours, SCE&G and their consultants have invested nearly 83,000 person hours in conducting studies, stakeholder education and consultation, negotiations and settlement agreement preparation. The numbers for the Applicant and its consultants include all hours, both in and out of meetings; the numbers for all others are meeting times only. Approximately 19,000 hours were spent between the Company. resource agencies, non-governmental organizations and public stakeholders to develop the proposed Shoreline Management Plan (SMP) and Permitting Handbook. We believe this level of effort clearly demonstrates to the Commission that a thorough evaluation was conducted by all relicensing participants in developing this plan and that the request for a 10 year review of the SMP/Permitting Handbook is justified. Based on the proposed protection, mitigation and enhancement programs identified in the final CRSA associated with our new license application. the estimated total cost of these programs (adjusted for annual inflation) has been evaluated to be approximately \$199,000,000 for a 50 year license. Based on this level of relicensing effort and financial reinvestment, SCE&G respectfully requests the Commission give due consideration to issuing a New License with a 50 year term.

SCE&G looks forward to working with the Commission as it evaluates this submittal. Please do not hesitate to contact Mr. William Argentieri at (803) 217-9162 or by email at <u>bargentieri@scana.com</u> should there be any questions regarding this filing.

Very truly yours,

that

James M. Landreth

Mr. James M. Landreth, Vice President Fossil & Hydro Operations South Carolina Electric & Gas Company 111 Research Drive Columbia, SC 29203

Attn: Mr. William R. Argentieri bargentieri@scana.com

Kimberly D. Bose Saluda Hydroelectric Project - FERC Project 516-459 New License Comprehensive Settlement Agreement, Proposed License Articles and Back-up Documentation Page 3

WRA/wa

Enclosures

c: M. C. Summer/W. R. Argentieri/File A. I. Spell Corporate Records Attached Service List

Advisory Council on Historic Preservation

1100 Pennsylvania Avenue NW, Suite 809 Old PO Building - Office of Project Review Washington, DC 20004-2501

Mr. Gerrit Jobsis **American Rivers** 1207 Lincoln Street, Suite 203-C Columbia, SC 29201

Mr. Kevin Colburn National Stewardship Director **American Whitewater** 1035 Van Buren Street Missoula, MT 59802

Ms. Charlene Coleman American Whitewater 3351 Makeway Drive Columbia, SC 29201

Executive Director **Appalachian Council of Governments** PO Box 6668 Greenville, SC 29606-6668

Mr. James Kardatske Bureau of Indian Affairs 545 Marriott Drive Suite 700 Nashville, TN 37214

Mr. James Meggs Esquire **City of Columbia** PO Box 667 Columbia, SC 29202-0667

Ms. Karen Kustafik **City of Columbia Parks and Recreation** 1932 Calhoun Street Columbia, SC 29201

Mr. Mark Williams City Administrator **City of Forest Acres** 5205 North Trenholm Road PO Box 6587 Forest Acres, SC 29206-6587 Mr. James Cumberland Program Manager **Coastal Conservation League** 2231 Devine Street, Suite 202 Columbia, SC 29205

Mr. Parkin Hunter **Columbia Audubon Society** 161 Preserve Lane Columbia, SC 29209

Mr. Dan Tufford President **Columbia Audubon Society** PO Box 5923 Columbia, SC 29250

Mr. Bill Hulslander **Congaree National Park** 100 National Park Road Hopkins, SC 29061

Chairman **County of Newberry** PO Box 156 Newberry, SC 29108-0156

Mr. Russell Towsend Tribal Historic Preservation Officer **Eastern Band of Cherokee** PO Box 455 Cherokee, NC 28719

Honorable Kimberly D. Bose Secretary, **Federal Energy Regulatory Commission** 888 First Street, NE Washington, DC 20426

Mr. Charles D. Wagner, Acting Regional Engineer **Federal Energy Regulatory Commission** 3125 Presidential Parkway, Suite 300 Division of Dam Safety and Inspections Atlanta, GA 30340

Ms. Vivianne Vejdani South Carolina Department of Natural Resources 1000 Assembly Street, Suite 202 Columbia, SC 29201 Mr. Charles Ditmer President Hawleek Creek Homeowners Association 108 Robbie Road Lexington, SC 29073-7814

Publisher - Editor IRMO News PO Box 175 Irmo, SC 29063-0175

Mr. Brian McManus, Esq. Jones Day 51 Louisiana Street Washington, DC 20001

Mr. Alan Stuart Senior Licensing Coordinator **Kleinschmidt Associates** 204 Caughman Farm Lane, Suite 301 Lexington, SC 29072

Mr. Lee Barber Lake Murray Association 306 Basing House Road Columbia, SC 29212

Ms. Joy Downs Executive Director & Secretary Lake Murray Association PO Box 444 Ballentine, SC 29002

Mr. Curtis Hipp **Lake Murray Association** 210 Oak Lane Cayce, SC 29033

Mr. Bob Keener **Lake Murray Association** 151 Heron Lane Gilbert, SC 29054-9749

Mr. Robert Kenner **Lake Murray Association** PO Box 495 Ballentine, SC 29002-0495 Mr. Richard Kidder **Lake Murray Association** 1400 Camping Road Gilbert, SC 29054

Mr. David Kinard President **Lake Murray Association** PO Box 495 Ballentine, SC 29002-0495

Mr. Dave Landis President Lake Murray Association 301 Windward Point Columbia, SC 29212

Mr. Mike Murrell Vice President Lake Murray Association 436 Press Lindler Road Columbia, SC 29212

Mr. Roy Parker Environmental Chair **Lake Murray Association** 118 Beechcreek Court Lexington, SC 29072

Publisher - Editor Lake Murray News PO Box 175 Irmo, SC 29063-0175

Mr. Bill Mathias **Lake Murray Power Squadron** 22 Due West Drive Lexington, SC 29072

Mr. Steve Bell President Lake Watch 89 Newberry Shores Drive Prosperity, SC 29127

Ms. Pamela Craig League of Women Voters - Columbia Area PO Box 12541 Columbia, SC 29211

SERVICE LIST

Mr. William Brooks Administrator Lexington County 212 South Lake Drive Lexington, SC 29072

Mr. Ronald Scott Lexington County 212 South Lake Drive Lexington, SC 29072

Mr. Reed Bull Midlands Striper Club 232 Forecastle Court Lexington, SC 29072

Mr. Tim Burgess **Milmont Shores Road Association** 308 Milmont Shores Road Chapin, SC 29036

Murray Point Homeowners 111 Murray Point Lane Chapin, SC 29036-7842

Mr. Prescott Brownell **National Marine Fisheries Service** 219 Fort Johnson Road Charleston, SC 29412

Dr. Roy Crabtree Southeast Regional Administrator **National Marine Fisheries Service** 263 13th Avenue South St. Petersburg, FL 33701

Mr. Jeffrey Duncan Regional Rivers Program Manager **National Park Service** 175 Hamm Road, Suite C Chattanooga, TN 37405

Pat Hooks Regional Director **National Park Service** 1924 Building 100-Alabama Street SW Southeast Regional Office - Atlanta Federal Center Atlanta, GA 30303 Ms. Julie Gantenbein Staff Attorney **Natural Heritage Institute** 100 Pine Street, Suite 1550 San Francisco, CA 94111

Mr. Richard Roos-Collins Senior Attorney **Natural Heritage Institute** 100 Pine Street, Suite 1550 San Francisco, CA 94111

Administrator **Newberry County** 1309 College Street PO Box 156 Newberry, SC 29108

Newberry County Flood Management Department 1226 College Street Newberry, SC 29108

Ms. E.V.E Joy Attorney **NOAA Office of General Counsel** 263 13th Avenue South, Suite 177 St. Petersburg, FL 33701

Dr. Dwayne Porter Norman J Arnold School of Public Health and the Baruch Institute University of South Carolina Columbia, SC 29208

Mr. Buford Mabry Office of Attorney General PO Box 167 Columbia, SC 29202

The Honorable Charles Terreni Chief Clerk & Administrator **Public Service Commission of South Carolina** 101 Executive Center Drive, Suite 100 Columbia, SC 29210 Mr. Cary McSwain County Administrator **Richland County** 2020 Hampton Street Columbia, SC 29204

Ms. Sandra Padget Director **Saluda County** 700 West Highland Street Saluda, SC 29138

Administrator Saluda Economic Development 111 Law Range Saluda, SC 29138

Mr. Larry Craft President **Saluda River Trout Unlimited** 1524 Alpine Drive West Columbia, SC 29169-6006

Mr. Woody Ford Saluda River Trout Unlimited 1813 Terrace View Drive West Columbia, SC 29169

Ms. Bertina Floyd Lake Murray Homeonwers Coalition 319 Night Harbor Dr. Chapin, SC 29036

Development Director Savannah Council of Governments PO Box 1366 Greenwood, SC 29648-1366

Chairman South Carolina Council for Economic Development 1201 Main Street, Suite 1600 Columbia, SC 29201-3261

Mr. Malcolm Leaphart Chairman **South Carolina Council Trout Unlimited** 115 Conrad Circle Columbia, SC 29212-2619 Ms. Elizabeth Johnson SHPO Director **South Carolina Department of Archives & History** 8301 Parklane Road Columbia, SC 29223-4905

Ms. Rebekah Dobrasko South Carolina Department of Archives & History 8301 Parklane Road Columbia, SC 29223

Mr. Alton Boozer South Carolina Department of Health & Environmental Control 2600 Bull Street Columbia, SC 29201-1708

Mr. Steven Bradley P.E. South Carolina Department of Health & Environmental Control 2600 Bull Street Dam Safety Columbia, SC 29201-1708

Mr. Bernard Epps South Carolina Department of Health & Environmental Control 2600 Bull Street Columbia, SC 29201

Ms. Heather Preston Director – Water Quality Division **South Carolina Department of Health & Environmental Control** 2600 Bull Street Columbia, SC 29201

Mr. Mark Giffin South Carolina Department of Health & Environmental Control 2600 Bull Street Columbia, SC 29201 Mr. Charles Hightower Manager, Water Quality Certification & Wetland Section **South Carolina Department of Health & Environmental Control** 2600 Bull Street Columbia, SC 29201-1708

Mr. Ron Ahle South Carolina Department of Natural Resources PO Box 167 Columbia, SC 29202

Mr. Bud Badr State Hydrologist **South Carolina Department of Natural Resources** PO Box 167 Columbia, SC 29202

Mr. Hal Beard South Carolina Department of Natural Resources PO Box 167 Columbia, SC 29202

Mr. Dick Christie South Carolina Department of Natural Resources 1771-C Highway 521, Bypass South Lancaster, SC 29720

Mr. Robert Perry South Carolina Department of Natural Resources PO Box 167 Columbia, SC 29202

Mr. John Frampton South Carolina Department of Natural Resources PO Box 167 Columbia, SC 29202-0167

Mr. Bill Marshall South Carolina Department of Natural Resources 1000 Assembly Street, Suite 354 Columbia, SC 29201 Director

South Carolina Department of Natural Resources 2221 Devine Street, Suite 222 Columbia, SC 29205-2418

Legal Department South Carolina Department of Natural Resources PO Box 167 Columbia, SC 29202-0167

Mr. Tony Bebber South Carolina Department of Parks, Recreation and Tourism 1205 Pendelton Street Columbia, SC 29201-3731

Mr. Phil Gaines Assistant Director State Park Service **South Carolina Department of Parks, Recreation and Tourism** 1205 Pendelton Street Columbia, SC 29201

Mr. Irvin Pitts Biologist **South Carolina Department of Parks, Recreation and Tourism** 1205 Pendelton Street Columbia, SC 29201

Mr. BJ Willoughby General Counsel **South Carolina Department of Parks, Recreation and Tourism** 1205 Pendelton Street Columbia, SC 29201-3731

Director South Carolina Department of Parks, Recreation and Tourism 1205 Pendelton Street Columbia, SC 29201-3731

Mr. Tommy Boozer Land Management **South Carolina Electric & Gas Company** Columbia, SC 29218-0001 Mr Randolph Mahan, Esq. South Carolina Electric & Gas Company Columbia, SC 29218-0001

Ms. Beth Trump Coordinator **South Carolina Electric & Gas Company** Columbia, SC 29218

State Forester South Carolina Forestry Commission PO Box 21707 Columbia, SC 29221-1707

Mr. Jonathan Leader State Archaeologist South Carolina Institute of Archaeology & Anthropology 1321 Pendleton Street - USC Columbia, SC 29208-0001

Office Director South Carolina Office of Ocean & Coastal Resource Management 1362 McMillan Avenue, Suite 400 Charleston, SC 29405-2035

Mr. Mitch Perkins Director **South Carolina State Energy Office** 1201 Main Street, Suite 820 Columbia, SC 29201-3200

Mr. Ben Gregg **South Carolina Wildlife Federation** 2711 Middleburg Drive, Suite 101 Columbia, SC 29204-2413

Ms. Frances Francis Esquire **Spiegel & McDiarmid** 1333 New Hampshire Avenue NW Washington, DC 20036-1511

Dr. Wenonah Haire Tribal Historic Preservation Officer **The Catawba Indian Nation** CIN-THPO 1536 Tom Steven Road Rock Hill, SC 29730 Ms. Sandra Reinhardt **The Catawba Indian Nation** CIN-THPO 1536 Tom Steven Road Rock Hill, SC 29730

Mr. Michael Dawson **The River Alliance** 420C Rivermont Drive Columbia, SC 29210

Mr. Tim Flach **The State** PO Box 1333 Columbia, SC 29202

Mr. Howard Mindel United States Army Corps of Engineers 60 Forsyth Street SW, Room 10M-15 South Atlantic Division - CESAD-ET-CO-H Atlanta, GA 30303-8801

Commander United States Army Corps of Engineers 60 Forsyth Street SW, Room 9M-15 South Atlantic Division - CESAD-ET-CO-H Atlanta, GA 30303-8801

Mr. Bob Dach Hydropower Program Manager **United States Bureau of Indian Affairs** 911 NE 11th Avenue Portland, OR 97232

Ms. Diana Weigmann Program Manager **United States Bureau of Indian Affairs** 1849 C Street NW #MS3061 MIB Washington, DC 20240-0001

Field Manager United States Bureau of Land Management 7450 Boston Boulevard Springfield, VA 22153

Commanding Officer **United States Coast Guard** 196 Trade Street MSO Charleston Charleston, SC 29401-1800 Commissioner United States Department of Agriculture PO Box 11280 Columbia, SC 29211-1280

Ms. Tracy Swartout Superintendent **United States Department of the Interior** 100 National Park Road Congaree National Park, National Park Service Hopkins, SC 29061

Mr. Horace Clark Regional Solicitor **United States Department of the Interior** 75 Spring Street SW, Suite 304 Atlanta, GA 30303-3311

Mr. John Harrington Solicitor **United States Department of the Interior** 75 Spring Street SW, Suite 304 Russell Federal Building Atlanta, GA 30303-3311

Mr. Gregory Hogue Acting Reg. Env./Officer **United States Department of the Interior** 75 Spring Street SW, Room 1144 Atlanta, GA 30303-3309

Ms. Patricia Woods **United States Department of the Interior** 530 South Gay Street Knoxville, TN 37902-1505

Mr. Mike Sollosi United States Department of Transportation 2100 2nd Street SW, Room 1408 US Coast Guard Washington, DC 20593

Ms. Diana Woods **United States Environmental Protection Agency** 61 Forsyth Street, 13th Floor Atlanta, GA 30303-8931 Mr. Roger Banks **United States Fish & Wildlife Service** 176 Croghan Spur Road, Suite 200 Charleston, SC 29407

Ms. Cynthia Bohn United States Fish & Wildlife Service 1875 Century Boulevard NE, Suite 200 Ecological Services Atlanta, GA 30345-3319

Ms. Susan Cielinski **United States Fish & Wildlife Service** 1875 Century Boulevard NE, Suite 200 Atlanta, GA 30345-3319

Mr. Tim Hall **United States Fish & Wildlife Service** 176 Croghan Spur Road, Suite 200 Charleston, SC 29407

Mr. Sam Hamilton Regional Director **United States Fish & Wildlife Service** 1875 Century Boulevard NE, Suite 400 Atlanta, GA 30345-3319

Ms. Amanda Hill **United States Fish & Wildlife Service** 176 Croghan Spur Road, Suite 200 Charleston, SC 29407

Regional Forester **United States Forest Service** 1720 Peachtree Street NW, Suite 800' US Department of Agriculture Atlanta, GA 30309-2449

Mr. John Shelton District Chief **United States Geological Survey** 720 Gracern Road, Suite 129 Columbia, SC 29210-7658

The Honorable Gresham Barrett **United States House of Representatives** 439 Cannon House Office Building Washington, DC 20515 The Honorable Henry Brown Jr. **United States House of Representatives** 1124 Longworth House Office Building Washington, DC 20515-4001

The Honorable James Clyburn **United States House of Representatives** 2135 Rayburn House Office Building Washington, DC 20515-4006

The Honorable Bob Inglis **United States House of Representatives** 330 Cannon House Office Building Washington, DC 20515

The Honorable John Spratt Jr. **United States House of Representatives** 1401 Longworth House Office Building Washington, DC 20515-4005

The Honorable Joe Wilson **United States House of Representatives** 212 Cannon House Office Building United States Department of the Interior Washington, DC 20515

Southeast Office Director **United States National Park Service** 100 Alabama Street SW, Suite 5R30 United States Department of the Interior Atlanta, GA 30303-8701

The Honorable Jim Demint **United States Senate** 340 Russell Senate Office Building Washington, DC 20510

The Honorable Lindsey Graham **United States Senate** 290 Russell Senate Office Building Washington, DC 20510-4001

Mr. Walter Douglas State Conservationist USDA-NRCS South Carolina State Office

1835 Assembly Street, Room 950 Columbia, SC 29201-2430 Legal Department Wildlife & Marine Resources Department PO Box 167 Columbia, SC 29202-0167

Mr. Robert Anderson 127 Saluda Shores Circle Leesville, SC 29070-7235

Ms. Sherrill Asbill 732 Juniper Springs Road Gilbert, SC 29054

Mr. Joseph Barrett 332 Flicker Lane Chapin, SC 29036

Mr. Yoder Bedenbaugh 1605 Harrington Street Newberry, SC 29108

Mr. Kenneth Bell 2116 Kennedy Street Columbia, SC 29205

Mr. James Black 111 Law Range Saluda, SC 29138

Mr. Jim Black 207 Archers Court Columbia, SC 29212

Mr. Henry Black 2713 Highway 194 Prosperity, SC 29127

Mr. Joseph Boozer 251 Holland Boozer Road Prosperity, SC 29127

Mr. Ronald Boozer 360 Holland Boozer Road Prosperity, SC 29127

Ms. Elin Bowers 131 Captain Lowman Road Chapin, SC 29036-8581 Mr. Louis Browder 91 Canvasback Road Gilbert, SC 29054

Ms. Paula Burr 101 Oliver Street West Columbia, SC 29169

Ms. Lisa Cain-Borden 116 Rideoutte Point Road Irmo, SC 29063-9189

Mr. Raymond Clepper 208 Rucker Road Chapin, SC 29036

Mr. Richard Connor 138 Old Orchard Road Gilbert, SC 29054

Mr. Steven Davis 10 Vera Circle Columbia, SC 29204

Ms. Ann Dawson 1136 Statler Road Columbia, SC 29210

Mr. Samuel Delaney 946 Sandbar Road Chapin, SC 29036-9490

Mr. George Duke 637 Webster Point Chapin, SC 29036-7623

Mr. William Ellis 744 Gold Nugget Point Prosperity, SC 29127-9432

Mr. Kenneth Fox 355 Prices Bridge Road Leesville, SC 29070

Mr. Carlise Harmon 1107 Rish Drive Leesville, SC 29070

Mr. Eric Hartley 120 Mud Pie Drive Leesville, SC 29070 Mr. & Mrs. Alva and Deborah Haumphries 123 Captain Lowman Road Chapin, SC 29036-8581

Mr. George King 1413 Palmer Road Columbia, SC 29205

Mr. Edgar Kneece 455 Saint Andrews Road #D-3A Columbia, SC 29210-4424

Ms. Kirsten Lackstrom 6 Williamstown Court Columbia, SC 29212

Mr. James Leslie Jr. PO Box 327 Irmo, SC 29063-0327

Ms. Fran Merchant 2619 St Lukes Church Road Prosperity, SC 29127

Ms. Brenda Parsons 1404 Old Chapin Road Lexington, SC 29072

Ms. Teresa Powers Newberry County, PO Box 381 Newberry, SC 29638

Mr. Richard Ratcliffe 136 Mud Pie Drive Leesville, SC 29070

Mr. Thomas Rawl 1347 Counts Ferry Road Lexington, SC 29072

Mr. Charles Rentz 215 Scooter Bridge Road Batesburg, SC 29006

Mr. Tom Ruple 102 Lake Estates Court Irmo, SC 29063

Mr. Douglas Shackelford 149 East Drake Road Gilbert, SC 29054 Mr. Jeffrey Shealy 137 East Drake Road Gilbert, SC 29054

Mr. Tom Shealy 274 Bedford Way Prosperity, SC 29127

Mr. & Mrs. Tom and Cheryl Shofner 127 Captain Lowman Road Chapin, SC 29036-8581

Mr. Randy Snow 125 Cobblestone Court Chapin, SC 29036

Mr. George Staples 119 Captain Lowman Road Chapin, SC 29036-8581

Mr. Kenneth Tallman 200 Bethview Drive Irmo, SC 29063-8915

Mr. Frank Taylor 124 Frieda Road Lexington, SC 29073

Mr. Archie Trawick Jr. 220 Jakes Landing Road Lexington, SC 29072-9690

Mr. Sam Turner 143 East Drake Road Gilbert, SC 29054

Mr. William Yaun 115 Captain Lowman Road Chapin, SC 29036-8581

Mr. Kevin Marsh President and Chief Operating Officer South Carolina Electric & Gas Company 1426 Main Street Columbia, SC 29201

Mr. J. Hagood Hamilton, Esq. South Carolina Electric & Gas Company 1426 Main Street Columbia, SC 29201 The Honorable James E. Wiszowaty, Mayor **Town of Batesburg-Leesville** 244 West Columbia Avenue P.O. Box 2329 Batesburg-Leesville, SC 29070-2329

The Honorable Avery B. Wilkerson, Mayor **City of Cayce** 1800 12th Street Ext. P.O. Box 2004 Cayce, SC 29171-2004

The Honorable Robert D. Coble, Mayor **City of Columbia** 1737 Main Street P.O. Box 147 Columbia, SC 29217-0147

The Honorable John L. Gibbons, Mayor **Town of Irmo** 7300 Woodrow Street P.O. Box 406 Irmo, SC 29063-0406

The Honorable T. Randall Halfacre, Mayor **Town of Lexington** 111 Maiden Lane P.O. Box 397 Lexington, SC 29072

The Honorable T. Edward Kyzer, Mayor **City of Newberry** 1330 College Street P.O. Box 538 Newberry, SC 29108-0538

The Honorable Amelia Herlong, Mayor **Town of Saluda** 100 South Jefferson Street Saluda, SC 29138-1633

The Honorable Bobby Horton, Mayor **City of West Columbia** 200 N. 12th Street P.O. Box 4044 West Columbia, SC 29169

SOUTH CAROLINA ELECTRIC & GAS COMPANY

COLUMBIA, SOUTH CAROLINA

SALUDA HYDROELECTRIC PROJECT

(FERC NO. 516)

COMPREHNSIVE RELICENSING SETTLEMENT AGREEMENT

JULY 2009

Prepared by:



SOUTH CAROLINA ELECTRIC & GAS COMPANY COLUMBIA, SOUTH CAROLINA

SALUDA HYDROELECTRIC PROJECT (FERC NO. 516)

COMPREHENSIVE RELICENSING SETTLEMENT AGREEMENT

TABLE OF CONTENTS

| 1.0 | INTRODUCTION 1 | | | |
|-----|--|--------------------|--|--|
| 2.0 | BACKGROUND1 | | | |
| 3.0 | PURPOSE OF THE CRSA | | | |
| 4.0 | TERMS AND IMPLEMENTATION. 4.1 4.1 Terms | 333445566677788888 | | |
| 5.0 | DEFINITIONS AND ACRONYMS10 | C | | |

LIST OF APPENDICES

| App andix A. | Dropo | and Content of License Conditions |
|---------------|----------|--|
| Appendix A: | • | osed Content of License Conditions |
| Appendi | | Lower Saluda River Warning System Enhancement Plan Saluda Hydroelectric Project Recreation Plan |
| Appendi | | |
| Appendix A-3: | | Saluda Hydroelectric Project Lower Saluda River Benthic |
| Annondi | × Λ 4. | Macroinvertebrate Monitoring and Enhancement Program |
| Appendi | X A-4. | Saluda Hydroelectric Project Freshwater Mussel Enhancement Program |
| Appendi | x A-5: | Santee River Basin Accord for Diadromous Fish Protection, |
| | | Restoration, and Enhancement |
| Appendi | x A-6: | Saluda Hydroelectric Project Sturgeon Protection and Adaptive |
| | | Management Program |
| Appendi | x A-7: | Saluda Hydroelectric Project Trout Evaluation and Monitoring |
| | | Program |
| Appendi | x A-8: | Lower Saluda River Fish Community Surveys |
| Appendi | x A-9: | Saluda Hydroelectric Project RT&E Species Management Program |
| Appendi | x A-10: | Rare Plant and Animal Species of Interest Around Lake Murray and |
| | | the Lower Saluda River Brochure |
| Appendi | x A-11: | Saluda Hydroelectric Project Flow Release Program |
| Appendi | x A-12: | Saluda Hydroelectric Project Reservoir Drawdown Program |
| Appendi | x A-13: | Saluda Hydroelectric Project Maintenance, Emergency, and Low Inflow Protocol |
| A | Appendix | A-13 – 1: Net Inflow Computation |
| A | Appendix | A-13 – 2: Striped Bass Enhancement Flow Regime |
| Appendi | x A-14: | Saluda Hydroelectric Project Normal Reservoir Operating Guidelines |
| Appendi | x A-15: | Saluda Hydroelectric Project Shoreline Management Plan |
| Appendi | x A-16: | Lands Included in the SCDNR Wildlife Management Area Program to |
| | | Enhance Waterfowl Habitat |
| Appendi | x A-17: | Saluda Hydroelectric Project Historic Properties Management Plan |
| Appendix B: | Propo | osed Content of Off-License Agreements |
| Appendi | x B-1: | Saluda Hydroelectric Project Safety and Outreach Program |
| Appendi | x B-2: | Lake Murray Shoreline Management Handbook and Permitting |
| | | Guidelines |
| Appendi | x B-3: | Lands Included in the SCDNR Wildlife Management Area Program |
| Appendix C: | Signa | tories to the CRSA |
| Appendix D: | Orgar | nization Descriptions |

SALUDA HYDROELECTRIC PROJECT (FERC PROJECT NO. 516) RELICENSING COMPREHENSIVE RELICENSING SETTLEMENT AGREEMENT

1.0 INTRODUCTION

South Carolina Electric & Gas Company (SCE&G), as the holder of the current license for the Saluda Hydroelectric Project (Project) (FERC No. 516) and the applicant for a new license, hereby files the following Offer of Settlement Agreement pursuant to Rule 602 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission (FERC or Commission) 18 C.F.R. § 385.602 (2008). This Comprehensive Relicensing Settlement Agreement (CRSA) has been entered into among SCE&G and Saluda Hydro Relicensing Stakeholders. Moreover, the parties to the CRSA request that the Commission incorporate the obligations and agreements as illustrated in Appendix A without material modification into the terms and conditions of the new license.

2.0 BACKGROUND

The Project is an existing licensed hydroelectric project located on the Saluda River, in the counties of Lexington, Richland, Newberry and Saluda, South Carolina. The Project consists of an earth fill embankment Dam (Saluda Dam) impounding a 48,000 acre reservoir (at elevation 356.5^{'1}), a gated emergency spillway, a combination rock-fill and back-up Dam built using roller-compacted concrete, a powerhouse, five concrete intake towers and associated penstocks. Construction of the Project was completed in 1930, and construction of the back-up dam was completed in 2005. The total rated generator capacity for the station is 207.3 MW.² Further, at optimum gate openings, the hydraulic capacity of each of the Units 1 to 4 is 3,000 cubic feet per second (CFS), and for Unit No. 5 is 6,000 CFS, yielding a total station hydraulic capacity of 18,000 CFS.

¹ Unless otherwise noted, all elevation references in this Settlement Agreement and associated appendices are given in North American Vertical Datum 1988 (NAVD 88); conversion to traditional plant datum (PD, used in numerous supporting studies and often erroneously referred to as msl) requires the addition of 1.50 feet.

² The currently effective license gives the station capacity as 202.6 MW. This value was based on a power factor of 0.8 for the original four generators. When Unit 3 generator was rewound, its power factor changed to 0.9, and this change was not taken into account in the application for the current license.

The original fifty (50) year project license was issued by the Federal Power Commission in 1927, effective from August 4, 1927 to August 5, 1977. The currently effective license was issued by the FERC on June 1, 1984 retroactive to 1977, and was set to expire on August 31, 2007. SCE&G requested an extension of the term of the license by letter dated October 3, 2002 and the Commission issued an order on November 18, 2003 extending the term of the license until August 31, 2010.

SCE&G initiated the formal relicensing process on April 29, 2005 by the timely filing of the Notice of Intent to the Commission and with the transmittal of its Initial Consultation Document (ICD) to resource agencies and other interested stakeholders for review and comment. Since that date, SCE&G has worked cooperatively with agencies and non-agency stakeholders through numerous resource group meetings to do the following: establish the scope of studies needed to address issues raised at the Project and develop study reports; conduct agreed upon studies; provide draft copies of study reports to agencies and stakeholders for review and comment; revise study reports to reflect agency/stakeholder comments; and complete follow-up studies deemed necessary to accomplish study goals. Resource group meetings have also served to provide a forum for discussion of Project related concerns among stakeholders. Discussions have continued to take place subsequent to the submittal of the License Application for the Project on August 27, 2008. These discussions among resource groups have been necessary to facilitate development of this CRSA and have culminated in the proposals set forth below. The Commission issued the Notice of Application Tendered for filing and solicited additional study requests on September 10, 2008.

3.0 PURPOSE OF THE CRSA

The purpose of this CRSA is to set forth resolutions reached among the signatories of this CRSA to issues raised during the relicensing process for the Project. The resolutions presented herein are respectfully proposed for consideration by the FERC as it develops terms for the new license and have been structured in accordance with Federal Power Act (FPA) section 10(a)(1), 16 U.S.C. § 803(a)(1), for the balance of both developmental and non-developmental resources.

4.0 TERMS AND IMPLEMENTATION

4.1 <u>Terms</u>

4.1.1 General

This CRSA is in no way intended to conflict with the legal responsibilities of the CRSA signatories, nor be in conflict with any lawful statutory or regulatory responsibility of or authority held by the signatories. Furthermore, signatories to this CRSA are representing their belief that the issues resolutions developed through good faith efforts and presented herein do not conflict with these responsibilities.

4.1.2 For the New License

The signatories to this CRSA recognize that the Commission will incorporate into the new license those articles required by 18 C.F.R. 2.9 (L-Forms), as well as such articles as the Commission needs to carry out its responsibilities for administering and enforcing the new license. With these considerations, the signatories respectfully request that the Commission incorporate the terms set forth in this CRSA as presented in Appendix A as conditions of the new license without material modification. Based on the significant efforts made in the development of this CRSA, and subject to the Commission's approval of the various adaptive management programs underlying the parties' consensus on a number of issue resolutions, the signatories respectfully request that the Commission consider issuing a new license for a term of 50 years.

4.1.3 Fish Passage

A Prescription for Fishways referenced within section 18 of the FPA, 16 U.S.C. § 811, is not included in this CRSA. A provision for Reservation of Authority by the Secretary of the Interior for the new license has been established and is included in the Santee River Basin Accord for Diadromous Fish Protection, Restoration, and Enhancement (Accord) (attached as Appendix A-5). The Accord was entered into among SCE&G, Duke Energy Carolinas, LLC, South Carolina Department of Natural Resources (SCDNR), North Carolina Wildlife Resources Commission, and United States Fish & Wildlife Service (USFWS). According to this agreement, the USFWS will file with the Commission its reservation of authority for any fishway prescriptions for the Project for the term of the new license. Although not a signatory to the Accord because of their position that they may not bind themselves in any way that might infringe upon their statutory authority and obligations, the National Marine Fisheries Service (NMFS) and South Carolina Department of Health and Environmental Control (SCDHEC) were integral members of the team that developed the Accord, and will participate in its natural resource protection role as it determines appropriate.

4.1.4 Endangered Species Act

Through cooperation, the signatories to this CRSA have developed a Rare, Threatened and Endangered Species (RT&E) Plan for the Project, which includes measures for the management of such species in the Project Area. By the signing of this agreement, the USFWS and NMFS each represents that it believes the measures required by the CRSA will protect RT&E species and that it intends to issue a Biological Opinion (BO) consistent with such measures. This CRSA is in no way intended to compromise the authority of the USFWS and their determination of conditions for compliance with the Endangered Species Act (ESA), 7 U.S.C. §136; 16 U.S.C. §1531 et seq., or preclude any standard conditions pursuant to applicable law. In the event that a BO is issued that is inconsistent with this CRSA, with the exception of the above stated conditions, any signatory to this CRSA may withdraw after discussion as described in Section 4.b.

4.2 Implementation

4.2.1 Commitments of Parties

By the signing of this CRSA, signatories are expressing their support for the components herein (in some cases, as resolutions that may be less than they desire, but nevertheless representing compromise positions that they "can live with"), and the incorporation of these components into the new license issued by the Commission. Once the CRSA is signed, all signatories will support this CRSA in all public communications regarding the relicensing of the Saluda Hydroelectric Project.

Within 30 days after the draft National Environmental Policy Act (NEPA) document is issued by the FERC, SCE&G will convene a meeting with the signatories to determine whether or not the document is consistent with the terms of the CRSA. Should the draft NEPA document be inconsistent with the CRSA, the parties will work cooperatively to develop appropriate responses to address the inconsistencies.

SCE&G will convene a meeting within 14 days after the issuance of the final NEPA document and/or the new license to review for consistency with the terms of the CRSA. Should the final NEPA document and/or license be inconsistent with the CRSA, the parties will work cooperatively to develop appropriate responses to address the inconsistencies.

All signatories believe that this CRSA is consistent with all applicable laws and regulations. However, nothing in this CRSA is intended to abrogate the regulatory or statutory responsibilities of the parties under applicable law.

Participation in the Adaptive Management Teams (AMT) is on a voluntary basis. Expenses incurred by AMT member organizations will not be reimbursed by SCE&G

4.2.2 Commission Review of the CRSA

Should the Commission have any questions or concerns with regards to the CRSA during the process of drafting the new license, the signatories request that the Commission arrange for the convening of a technical conference to discuss these questions.

4.2.3 Modification of the CRSA

After the signature period has ended, and prior to submission to the Commission, the signatories may by unanimous consent, modify the agreement.

In the event environmental analysis or other pre-license investigation yields material new information which may warrant changes to the CRSA, SCE&G will convene a meeting with the signatories to discuss whether and/or how to modify the CRSA to address the material new information.

After submission to the Commission, modification of CRSA can only occur by the unanimous consent of all signatories through negotiation meetings and written consent.

4.2.4 Legal Authorization of Signatories

By the signing of this CRSA each signatory represents that he/she has the authorization from the party or parties he/she represents legally to bind that party or those parties to this CRSA. Moreover, upon signature, parties represented by the signing person(s) shall be legally bound to the terms expressed herein.

4.2.5 Modification of Adaptive Management Teams

Inasmuch as the term of the new license may extend over five decades, it may be appropriate that new interests be represented or accounted for in the future. Because some signatory organizations may be transitional and since new interest groups may arise, the current signatories agree that Adaptive Management Team (AMT) membership may benefit from modification. Therefore, membership changes will be considered, but no sooner than 10 years from the date of the FERC Order granting a new license. With consensus of the AMT members, but subject to SCE&G's (licensee) agreement, membership in the AMT may be expanded or otherwise modified.

4.2.6 <u>Withdrawal of Parties</u>

A signatory may withdraw from this CRSA if his/her/its interests are materially affected by an Inconsistent Act by a Jurisdictional Body. An example of an Inconsistent Act is a new license requirement for flows and/or lake levels materially different from those in the CRSA.

Any signatory intending to withdraw from this CRSA will notify all other signatories in writing of the basis for the withdrawal no less than 60 days prior to the withdrawal. With notice to all signatories, any other signatory may require a meeting of the withdrawing signatory to have the matter heard prior to withdrawal from the CRSA. Parties may also withdraw under conditions described in Section 4.1 of Appendix A.

4.2.7 Termination of CRSA

Termination of this CRSA will occur under the following circumstances: (a) the withdrawal of SCE&G from this CRSA; (b) expiration of the term of the new license; (c) the termination or surrendering of the new license to FERC by SCE&G pursuant to the requirements of the FPA.

Upon transfer of the License, SCE&G, as non licensee, has no legal obligation to continue with the terms of out of license conditions contained in Appendix B pertaining to activities inside the Project Boundary. However, SCE&G does have an obligation to honor the leases on Wildlife Management Area (WMA) non-project properties as defined in Section 3.0 of Appendix B.

4.2.8 Signing Period

SCE&G distributed the final CRSA with a signature page to each and every relicensing Party on June 24, 2009. Each Party will have 30 days (July 24, 2009) from the date of distribution of the CRSA in which to return a fully executed signature page to SCE&G. SCE&G will add all of the fully executed signature pages to the original CRSA for filing with the Commission, and will provide copies of all completed signature pages to each of the signatories.

4.2.9 Effective Date of the CRSA

This CRSA becomes binding on the signatories at the end of the 30 days signing period (July 25, 2009).

4.2.10 Submittal of the CRSA to the Commission

This CRSA shall be submitted to the Commission as soon as reasonably possible, but no later than 60 days of the end of the signing period (September 22, 2009).

4.2.11 Structure of the CRSA

The preceding sections serve to establish the responsibilities of the signatories to this CRSA, the terms of which are defined in Appendix A. The signatories respectfully request that the terms of Appendix A be incorporated into the terms of the new license without material modification.

4.2.12 License Amendments

SCE&G will consult with signatories prior to requesting a license amendment that may be inconsistent with the CRSA.

5.0 DEFINITIONS

The definitions set forth in the following sections are applicable to this CRSA and associated appendices and are fundamental to their understanding and interpretation. When appropriate, these definitions may be adopted by the Commission into the articles of the new license.

- Acre-foot A volume of water equal to one foot depth over an area of one acre, or 43,560 cubic feet.
- Adaptive Management A process that allows for the review of protection, mitigation and enhancement programs incorporated into the terms of the new license. This process may allow for program modifications based upon unforeseen circumstances or conditions.
- Benthic macroinvertebrates Animals without backbones, which are visible to the eye and which live on, under, and around detritus, woody debris, rocks and sediment on the bottoms of lakes, rivers, and streams.
- Cubic feet per second (CFS) A measurement of water flow representing one cubic foot of water moving past a given point in one second. One CFS is equal to 0.0283 cubic meters per second and 0.646 million gallons per day.
- Cultural resources Includes items, structures, etc. of historical, archaeological, or architectural significance.
- Dissolved oxygen (DO) One of the most commonly employed measures of water quality, DO is the amount of gaseous oxygen in a liquid. Low DO levels can adversely affect fish and other aquatic life.
- Drawdown The intentional lowering of a reservoir for a defined purpose.
- Elevation References in this CRSA are given in North American Vertical Datum 1988 (NAVD 88); conversion to traditional plant datum (PD, used in numerous supporting studies for the license application and frequently referred to as mean sea level (MSL)) requires the addition of 1.50 feet.
- Eutrophic Water quality term that refers to undesirable conditions caused by the presence of high concentrations of nutrients, such as phosphorous and nitrogen.
 Eutrophication is the process of nutrient addition and/or concentration that drives water quality towards a higher eutrophic condition.
- Flow The volume of water passing a given point per unit of time.

- Flow Forecasting Model (FFM) A computer based model developed by SCE&G to predict inflow to and the results of operations of the Saluda Hydroelectric Project.
- Guide Curve A series of targeted daily elevations (instantaneous) for Lake Murray over the course of a year.
- Hydrologic Condition The volume and distribution of precipitation, runoff, and streamflow in the Saluda River basin which affect the amount of inflow to Lake Murray at a given time
- Hypolimnetic Related to the deeper cooler portions of a reservoir or lake subject to thermal stratification.
- Inconsistent Act Any action by a Jurisdictional Body that increases the burden upon or cost or risk to a Party substantially beyond the burden, cost, or risk reasonably assumed by the Party in this CRSA, or that deprives a Party of a substantial benefit promised by another Party in this CRSA, such as by relieving another party of a substantial bargained-for obligation.
- Initial Consultation Document (ICD) A document, representing a collection of documents as compiled into a single unit, containing detailed information on a hydroelectric project; the document is used to describe the project and its resources and to start the applicant's consultation process with resource agencies and the public.
- Invasive Species Species not native to the Project area and whose introduction is likely to cause detrimental effects to economic, environmental and/or human health.
- Jurisdictional Body any governmental body which has the authority to prevent the implementation of any part of this CRSA, or to require specific steps be followed prior to implementing any part of this CRSA, or to require any other activity or activities that may result in an Inconsistent Act.
- Lacustrine Related to standing water (e.g., a lake).
- Lake Elevation The elevation of Lake Murray as measured by USGS gage number 02168500 located at the intake towers. Unless otherwise noted, all elevation references are given in North American Vertical Datum 1988 (NAVD 88); conversion to traditional plant datum (PD, used in numerous supporting studies and often erroneously referred to as MSL) requires the addition of 1.50 feet.

- Low Inflow Period A hydrologic condition in the Saluda River basin draining to Lake Murray during which the 14 day average gauged inflow less estimated municipal usage ("net inflow") falls below the scheduled Minimum Flow.
- Littoral Associated with shallow (shoreline area) water (e.g., the littoral zone of an impoundment).
- Lotic Flowing or actively moving water including rivers and streams.
- Minimum Flow a continuous flow, measured in CFS, that is required to be released from the Project dam during specified periods of time.
- Non-Governmental Organization (NGO) An organization that has been created by an individual or group of individuals containing no official membership or participation by any governmental entity.
- Non-Project Property Lands not contained within the Project boundary. Unless clear in the context of its use that it is referring to non-SCE&G owned property, all uses herein shall be deemed to refer to SCE&G-owned properties outside the Project boundary.
- Non-Reserve Generation Any electrical power generation other than reserve generation. It includes, among other things, generation for lake level management, recreation releases, swift water rescue training releases, minimum flow releases and striped bass flow releases or any other releases not associated with reserve generation capability.
- Normal Inflow Periods Any time when the Low Inflow Protocol is not in effect.
- Project One or more hydroelectric plants collectively included in a single license issued by the FERC. A Project typically consists of a dam or dams, reservoir(s), powerhouse(s) and appurtenant facilities. As used in this document, the capitalized term "Project" refers specifically to the Saluda Hydroelectric Project (FERC Project No.-516).
- Project area All lands and water within and outside of the Project boundary that may influence materially or be influenced materially by Project operations.
- Project boundary or Project boundary line (PBL) A demarcation line established by the FERC within which some level of interest in or control over lands, waters and structures are deemed necessary to operate a licensed hydroelectric project.
- Recreation area A land and associated water surface area which people use for leisure activities, whether formally designated or used informally.

- Reserve Generation That generation capability to produce electrical power above firm system demand required to provide for regulation, load forecasting error, forced and scheduled outages to SCE&G generating units, local area protection, to correct for or stabilize the system in the event of contingencies or to meet SCE&G's Virginia-Carolinas Electric Reliability Council (VACAR) reserve obligations as defined as Operating Reserve by the North American Electric Reliability Corporation.
- Regulatory agency A governmental agency that has statutory authority to regulate human or business activities.
- Resource agency Federal, state, or interstate agency with responsibilities relative to flood control, navigation, irrigation, recreation, fish or wildlife, water resource management, or cultural or other relevant resources of the governmental jurisdiction(s) in which a project is located.
- Stakeholder Any individual or organization (government or non-governmental)
 with an interest in the management and/or operation of a hydroelectric project.
- Stratification A physical and chemical process that results in the formation of distinct layers of water within a lake or reservoir (i.e., epilimnion, metalimnion, and hypolimnion).
- Streamflow The rate at which water passes a given point in a stream, usually expressed in CFS.
- Tailrace The tailrace is an area of stream downstream of a dam where the impounded water re-enters the river after passing through the turbines.
- Virginia-Carolinas Electric Reliability Council (VACAR) an organization which coordinates a regional reserve sharing system allowing its members to pool their reserve generation resources on a prorated basis.
- Wildlife Management Area (WMA) An area established through the cooperative efforts of private landowners and the SCDNR to provide for the enjoyment of all wildlife enthusiasts. Seasonal hunting is allowed on these areas with the purchase of a WMA permit and hunting license.

<u>ACRONYMS</u>

| ACOE ADA | US Army Corps of Engineers Americans With Disabilities Act |
|----------------|---|
| APE | Area of Potential Effect |
| AR | American Rivers |
| AIR | Additional Information Request |
| AMT | Adaptive Management Team |
| AVM | Avian Vacuolar Myelinopathy |
| AW | American Whitewater |
| BO | Biological Opinion |
| CFD | Columbia Fire Department |
| CCL | South Carolina Coastal Conservation League |
| CNP | Congaree National Park |
| CRSA | Comprehensive Relicensing Settlement Agreement |
| CWCS | Comprehensive Wildlife Conservation Strategy |
| CWA | Clean Water Act |
| DAG | Drawdown Advisory Group |
| DDT | Dichloro-Diphenyl Trichloroethane |
| DLA | Draft License Application |
| DO | Dissolved Oxygen |
| DRG | Drawdown Regulatory Group |
| EAP | Emergency Action Plan |
| EPA | U.S. Environmental Protection Agency |
| EPT | Ephemeroptera (mayfly), Plecoptera (stonefly), and Trichopera (caddisfly) |
| ERDS | Electronic Ring-down Call System |
| ESA | Environmentally Sensitive Area |
| ESWM | Ecologically Sustainable Water Management |
| FEMA | Federal Emergency Management Agency |
| FERC | Federal Energy Regulatory Commission |
| FFM | Flow Forecasting Model |
| FLA | Final License Application |
| FPA HEC-RES | Federal Power Act |
| HIP | Hydrologic Engineering Center – Reservoir Evaluation System High Inflow Protocol |
| HPMP | Historic Properties Management Plan |
| HSI | Habitat Suitability Index |
| ICD | Initial Consultation Document |
| ICRC | Irmo Chapin Recreation Commission |
| IFIM | Instream Flow Incremental Methodology |
| LCRAC | Lexington County Aging Commission |
| LIP | Low Inflow Protocol |
| LMA | Lake Murray Association |
| LMHC | Lake Murray Homeowners Coalition |
| LMW | Lake Murray Watch |
| LSR | Lower Saluda River |
| LSSRAC | Lower Saluda Scenic River Advisory Council |
| LMW | Lake Murray Watch |
| L2UB | Lacustrine Littoral Wetlands with Mostly Unconsolidated Bottoms |
| MELIP | Maintenance Emergency Low Inflow Protocol |
| | |

| MOLL | Management de la construction d'a se |
|--------------|---|
| MOU | Memorandum of Understanding |
| NAVD | North American Vertical Datum |
| NGO | Non-Governmental Organization |
| NIP | Non-Internet Public |
| NEPA | National Environmental Policy Act |
| NMFS | National Marine Fisheries Service |
| NOAA | National Oceanic & Atmospheric Administration |
| NPS | National Park Service |
| | |
| NRHP | National Register of Historic Places |
| NRI | Nationwide Rivers Inventory |
| NWI | National Wetlands Inventory |
| NWS | National Weather Service |
| PA | Programmatic Agreement |
| PD | Plant Datum |
| PEM | Palustrine Emergent Wetland |
| PFO(1) | Palustrine Forested Wetland |
| PSS | Palustrine Scrub-shrub Wetland |
| | |
| RCG | Resource Conservation Group |
| REA | Ready for Environmental Assessment |
| SCDHEC | South Carolina Department of Health and Environmental Control |
| RAFT | Recreational Advisory Flow Team |
| RD | Ranger District |
| RT&E | Rare, Threatened, and Endangered |
| RSSL | Rocky Shoals Spider Lily |
| SCDNR or DNR | South Carolina Department of Natural Resources |
| SCE&G | South Carolina Electric & Gas Company |
| SCORP | Statewide Comprehensive Outdoor Recreation Plan |
| SCPRT | South Carolina Department of Parks, Recreation and Tourism |
| | • |
| SCWF | South Carolina Wildlife Federation |
| SHPO | South Carolina State Historic Preservation Office |
| SMP | Shoreline Management Plan |
| SRCTU | Saluda River Chapter of Trout Unlimited |
| STAT | Sturgeon Advisory Team |
| STB Flows | Striped Bass Enhancement Flow Regime |
| THPO | Tribal Historic Preservation Officer |
| TPGT | Trout Put, Grow and Take Waters |
| TMDL | Total Maximum Daily Load |
| TU | Trout Unlimited |
| TWC | Technical Working Committee |
| USC | University of South Carolina |
| | • |
| USDA | United States Department of Agriculture |
| USFWS | United States Fish and Wildlife Service |
| USGS | United States Geological Survey |
| VACAR | Virginia-Carolinas Electric Reliability Council |
| WMA | Wildlife Management Area |
| WUA | Weighted Usable Area |
| YOY | Young of the Year |
| | - |