

Southern Company Generation. 241 Ralph McGill Boulevard, NE Bin 10193 Atlanta, GA 30308-3374 404 506 7219 tel

December 31, 2021 Lloyd Shoals Hydroelectric Project (FERC No. 2336-094) License Application

Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE Room 1-A – Dockets Room Washington, DC 20427

Dear Secretary Bose:

On behalf of Georgia Power, Southern Company is filing with the Federal Energy Regulatory Commission (FERC) an application for a new license for the Lloyd Shoals Project in compliance with the Commission's Integrated Licensing Process regulations at 18 C.F.R. Part 5. The current Lloyd Shoals Project license expires December 31, 2023.

A description of the license application components along with volume locations is provided below. In accordance with FERC regulations found at 18 C.F.R. § 388.113, we request that documents that contain Critical Energy Infrastructure Information (CEII) as noted below be withheld from public disclosure. Further, in accordance with FERC regulations found at 18 C.F.R. § 388.112, we request that documents that contain privileged information as noted below be withheld from public disclosure.

| Document                                       | Classification | Public<br>Document<br>Location | CEII<br>Document<br>Location | Privileged<br>Document<br>Location |
|--|----------------|--------------------------------|------------------------------|------------------------------------|
| Cover Letter                                   | Public         | All Volumes                    |                              |                                    |
| Initial Statement & 18 CFR § 5.18 Requirements | Public         | Volume 1                       |                              |                                    |
| Exhibit A                                      | Public         | Volume 1                       |                              |                                    |
| Exhibit B                                      | Public         | Volume 1                       |                              |                                    |
| Exhibit C                                      | Public         | Volumes 1 & 2                  |                              |                                    |
| Exhibit C, Appendix A                          | CEII           |                                | Volume 4                     |                                    |
| Exhibit D                                      | Public         | Volume 2                       |                              |                                    |
| Exhibit D, Appendix A                          | Privileged     |                                |                              | Volume 7                           |
| Exhibit E                                      | Public         | Volume 3                       |                              |                                    |
| Exhibit E, Appendix G                          | Privileged     |                                |                              | Volume 7                           |
| Exhibit F                                      | CEII           |                                | Volume 5                     |                                    |
| Supporting Design Report                       | CEII           |                                | Volumes 5 & 6                |                                    |
| Exhibit G                                      | Public         | Volume 3                       |                              |                                    |

Ms. Kimberly D. Bose December 31, 2021 Page 2 of 5

| Exhibit H             | Public     | Volume 2 |          |          |
|-----------------------|------------|----------|----------|----------|
| Exhibit H, Appendix A | CEII       |          | Volume 4 |          |
| Exhibit H, Appendix B | Privileged |          |          | Volume 7 |
| Exhibit H, Appendix C | Public     | Volume 2 |          |          |

Public components of this license application will be available through FERC's e-library website and as requested via email or U.S. mail. A complete hard copy of the license application will be available at the Southern Company street address provided in the letterhead. In addition, copies of the public portion of the license application are being provided to the Jackson-Butts County Public Library located at 436 E College Street, Jackson, GA 30233, the Jasper County Library located at 319 E. Greene Street, Monticello, Georgia 31064, the McDonough Public Library at 1001 Florence McGarity Blvd McDonough, GA 30252, and the Covington Branch Library located at 7116 Floyd Street NE, Covington, GA 30014.

All previous Lloyd Shoals Project No. 2336-094 relicensing filings are available on FERC's e-library website. Exhibit E of this license application provides our responses to stakeholder comments received on the August 2021 Preliminary Licensing Proposal. This license application proposes to continue operating the project as it is currently operated for the generation of low cost, carbon-free hydroelectric power. It also includes a range of measures that will protect and enhance project environmental, recreation and other resources.

If you have questions or comments, please feel free to contact me at 404.506.7219 or cromara@southernco.com

Sincerely,

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Courtenay R. O'Mara, P.E. Hydro Licensing & Compliance Supervisor

cc: Mark S. Berry Environmental and Natural Resources Vice President Georgia Power

> Herbie N. Johnson Hydro General Manager Southern Company Generation

Hallie M. Meushaw Troutman Sanders Ms. Kimberly D. Bose December 31, 2021 Page 3 of 5

cc (Cover Letter Only via email):

<u>Tribes FERC Invited to Participate:</u> Muscogee (Creek) Nation of Oklahoma David Hill, Principal Chief P.O. Box 580 Highway 75 and Loop 56 Okmulgee, OK 74447

Muscogee (Creek) Nation of Oklahoma Corain Lowe-Zepeda, THPO P.O. Box 580 Highway 75 and Loop 56 Okmulgee, OK 74447

Muscogee (Creek) Nation of Oklahoma Raelynn Butler, Manager of Historic and Cultural Preservation Department P.O. Box 580 Highway 75 and Loop 56 Okmulgee, OK 74447

Muscogee (Creek) Nation of Oklahoma LeeAnne Wendt, Tribal Archeologist P.O. Box 580 Highway 75 and Loop 56 Okmulgee, OK 74447

Muscogee (Creek) Nation of Oklahoma Turner Hunt, Tribal Archeologist P.O. Box 580 Highway 75 and Loop 56 Okmulgee, OK 74447

Alabama-Quassarte Tribal Town Wilson Yargee, Chief P.O. Box 187 Wetumka, OK 74883

Alabama-Coushatta Tribe of Texas Nita Battise, Chairperson 571 State Park Road Livingston, TX 77351 Ms. Kimberly D. Bose December 31, 2021 Page 4 of 5

Coushatta Tribe of Louisiana David Sickey, Chairman P.O. Box 818 Elton, LA 70532

Kialegee Tribal Town Brian Givens, Town King P.O. Box 332 Wetumka, OK 74883-0332

Thlopthlocco Tribal Town Ryan Morrow, Town King P.O. Box 188 Okemah, OK 74859

Poarch Band of Creek Indians Stephanie A. Bryan, Tribal Chair 5811 Jack Springs Road Atmore, AL 36502

Other Stakeholder List: American Rivers Altamaha Riverkeeper Butts County, GA Butts County Water Authority Cherokee Nation of Oklahoma City of Covington, GA City of Flovilla, GA City of Jackson, GA City of Jenkinsburg, GA City of Locust Grove, GA City of McDonough, GA City of Monticello, GA Eastern Band of Cherokee Indians Georgia Bass Federation Georgia Department of Natural Resources, Environmental Protection Division Georgia Department of Natural Resources, Wildlife Resources Division Georgia Department of Community Affairs, Historic Preservation Division Georgia Soil and Water Conservation Commission Henry County, GA Jackson Lake Homeowners Association Jackson Lake Realty Jackson Lake Sun Jacobs Jasper County, GA

Ms. Kimberly D. Bose December 31, 2021 Page 5 of 5

Macon Water Authority Metropolitan North Georgia Water Planning District (Metro Water District) Middle Ocmulgee Water Planning District National Marine Fisheries Service Newton County, GA Ocmulgee Outdoor Expeditions South Rivers Water Alliance United Keetoowah Band of Cherokee U.S. Department of Agriculture Forest Service, Chattahoochee-Oconee National Forests U.S. Environmental Protection Agency U.S. Fish and Wildlife Service Wells Engineering