

November 22, 2021

VIA ELECTRONIC FILING

Project No. 2628-065
R.L. Harris Hydroelectric Project
Transmittal of Geographic Information Systems (GIS) Data

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

Dear Secretary Bose,

Alabama Power Company (Alabama Power) is the Federal Energy Regulatory Commission (FERC or Commission) licensee for the R.L. Harris Hydroelectric Project (Harris Project) (FERC No. 2628-065). The existing Project license will expire on November 30, 2023, and Alabama Power is utilizing the Integrated Licensing Process (ILP) to relicense the Harris Project.

On October 1, 2021, FERC filed its comments on the preliminary licensing proposal (PLP) for the Harris Project¹, requesting geographic information system (GIS) data layers to facilitate its analysis of the effects of proposed operations and environmental measures on project resources. Alabama Power is herein filing the requested GIS data layers, which were developed for maps and figures displayed in the final license application and draft and final study reports and are described in the table below. Those files that exceed the FERC eLibrary 50 MB file size limit, as noted in the attached table, will be available on the relicensing website: <http://harrisrelicensing.com> in the Final License Application folder.

In addition to the GIS data requested by FERC and included in this filing, Alabama Power notes that GIS files relevant to relicensing studies were previously filed for the record under Accession Nos. 20181113-0016 (Federal Lands within the Project, baseline data relevant to the Wildlife Management Plans) and 20210129-5393 (Threatened & Endangered species data).

¹ Accession No. 20211001-3009

If there are any questions concerning this filing, please contact me at arsegars@southernco.com or 205-257-2251.

Sincerely,



Angie Anderegg
Harris Relicensing Project Manager

Attachment:
Description of Data Layers Included in Filing

cc: Harris Stakeholder List

Attachment

Description of Data Layers Included in Filing

Data Layer	Report	Figure	Link/File name
Stream segments	Final Erosion Report Trutta High Definition Stream Survey videos downstream of dam	8	StreamSegments.zip
Water Quality Sampling Points	Corrected Water Quality Study 3-21-19	4-1	WaterQualitySurveyLocations.zip
Flood Boundaries	Final-Water-Quality-Report_4-12-22, Attachment A, Initial Study Report (ISR), Appendix B, ISR Meeting Presentation	Slides 26-31	InundationBoundary.zip ²
Average Bank Condition	Final-Water-Quality-Report_4-12-22, Attachment A, ISR, Appendix B, ISR Meeting Presentation	Slide 49	StreambankCondition.zip
Worst Bank Condition Areas	Final-Water-Quality-Report_4-12-22, Attachment A, ISR, Appendix B, ISR Meeting Presentation	Slide 50	StreambankCondition.zip
Alabama Department of Environmental Management (DEM) Monitoring Sites	Final-Water-Quality-Report_4-12-22, Attachment 3, Water Quality Study Report	Figure 3-1	ADEM_MonitoringSites_Lake Harris.zip
Alabama Water Watch Monitoring Locations	Final-Water-Quality-Report_4-12-22, Attachment 3, Water Quality Study Report	Figure 3-11	AWW_MonitoringLocations.zip
Alabama DEM Downstream Monitoring Stations	Final-Water-Quality-Report_4-12-22, Attachment 3, Water Quality Study Report	Figure 4-1	ADEM_DownstreamMonitoringLocations.zip
Alabama Cooperative Fish and Wildlife Research Unit Sampling Sites	Final Aquatic Resources Report	Figure 2-2	ACFWRU_SampleLocations.zip
Level logger Locations	Final Aquatic Resources Report	Figure 3-1	LevelLoggerLocations.zip
Sites	Final Aquatic Resources Report	Figure 3-1	LevelLoggerLocations.zip
Hourly Temperature Modeling Data	Final Aquatic Resources Report, Appendix D	Pages 142-237	Level-Temperature Logger Data.xlsx ³
Tailwater Transect Locations	Final Downstream Aquatic Habitat Report	USR Presentation Slide 20	TailwaterTransectLocations.zip
Mesohabitat Type	Final Downstream Aquatic Habitat Report	Figure 3-2 through 3-7	MesohabitatType.zip
Tallapoosa River Bathymetric Sources	Final Downstream Release Alternatives (Phase 1) Report	Figure 4-1	TallapoosaRiver_Bathymetric Sources.zip

² This file is over 50 MB; therefore, this file will be available at <http://harrisrelicensing.com>.

³ Level Logger data were previously filed as Appendix B of the Final Downstream Aquatic Habitat Study Report, and is also being filed with the Final License Application.

Data Layer	Report	Figure	Link/File name
785' Contour and 793' Contour	Final Erosion and Sedimentation Report	Figure 2-1 through 2-5	Contour_785_793.zip ⁴
Sedimentation and Erosions Sites	Final Erosion and Sedimentation Report	Figure 2-1 through 2-6	Erosion_Sedimentation_StudySites.zip
Sedimentation Area	Final Erosion and Sedimentation Report	Figure 2-6 through 2-9	SedimentationArea.zip
Sedimentation area 2007	Final Erosion and Sedimentation Report	Figure 2-10 through 2-18	SedimentationArea_2007_2015.zip
Sedimentation area 2015	Final Erosion and Sedimentation Report	Figure 2-10 through 2-19	SedimentationArea_2007_2015.zip
Streambank Condition Areas	Final Erosion and Sedimentation Report	Figure 3-1	StreambankCondition.zip
Little Coon Creek Land Use 2001 and 2016	Final Erosion and Sedimentation Report	Figure 4-1	NLCD_Landcover_2001_2016.zip
Left Bank Condition	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 12	StreambankCondition_Point.zip ⁵
Stream bank Modification	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 13	StreambankCondition.zip
Left Bank Confidence	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 17	StreambankCondition_Point.zip
Right Bank Condition	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 18	StreambankCondition_Point.zip
Right Stream bank Modification	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 19	StreambankCondition.zip
Right Bank Confidence	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 23	StreambankCondition_Point.zip

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Data Layer	Report	Figure	Link/File name
Average Depth	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 26	AverageDepth.zip ⁶
Transect Locations	Final Erosion and Sedimentation Report, Appendix E, Tallapoosa River High Definition Stream Survey Final Report	Figure 35	Tallapoosa_XS_locations.zip
ADCNR Quail Call Survey Locations	Final Project Lands Evaluation Report	Figure 4-1	QuailSurveyLocations_ADCNR.zip
Skyline WMA	Final Lands Evaluation Report	Figure 4-1	SkylineWMA.zip
Plant Locations	Final Lands Evaluation Report, Appendix D	Figure 2	PlantLocations.zip
Wetland Quality files	PLP, Appendix G, Terrestrial Resources, Attachment 1	Wetland Map set	Wetlands_LakeHarris.zip
Downstream Structures ⁷	Operating Curve Change Feasibility Analysis Phase 2 Report	Figure 3-3	Structures_PhaseIIStructureAnalysis.zip
Sensitive Resources - line file ⁷	Final License Application		Harris_SMP_sensitive_shoreline.zip
Baseline Project Boundary polygon with SMP classifications ⁷	Final License Application		Harris_Baseline_Project_Boundary.zip ⁸
Proposed Changes polygon with SMP classifications ⁷	Final License Application		Proposed_Changes.zip
Proposed Project Boundary polygon with SMP classifications ⁷	Final License Application		Harris_Proposed_Project_Boundary.zip ⁹

⁶ This file is over 50 MB; therefore, this file will be available at <http://harrisrelicensing.com>.

⁷ Please note that this file was not requested by FERC in its October 1, 2021 letter, but is being included to facilitate FERC's review of the Final License Application.

⁸ This file is over 50 MB; therefore, this file will be available at <http://harrisrelicensing.com>.

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