

December 6, 2016

VIA ELECTRONIC FILING

Project No. 349
Martin Dam Project
Article 403 – Conditional Fall Extension

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

Dear Secretary Bose,

On December 17, 2015, the Federal Energy Regulatory Commission (FERC or Commission) issued a new license to Alabama Power Company (Alabama Power) for the Martin Dam Project (Project), FERC Project No. 349. Article 403 of the new license requires that Alabama Power monitor and evaluate implementation of the Conditional Fall Extension (CFE), where the flood control curve identified in Article 402 remains at elevation 491 feet mean sea level (msl) from September 1 to October 15. The four conditions that Alabama Power must monitor, beginning July 14 of each year, are:

1. Lake Martin is above its operating curve during September (487 to 488.5 feet msl);
2. the rolling 7-day average total basin inflow on the Tallapoosa River, calculated at Thurlow Dam, is at or higher than the median flow;
3. the rolling 7-day average total basin inflow on the Coosa River, calculated at Jordan Dam, is at or higher than the median flow; and
4. the elevations at the Weiss, Neely Henry, and Logan Martin developments on the Coosa River and the R.L. Harris Project on the Tallapoosa River must all be within 1 foot of their respective operating curves.

At any point during September, if all four conditions are met, the CFE is implemented and continues through October 15. The article further requires weekly reports on Alabama Power's website from July 15 through October 15 and, if the conditions are not met, a report to the Commission by December 15 that includes a description of the daily hydraulic and operation conditions that prevented implementing the CFE. The purpose of this letter is to inform FERC that during 2016 the conditions were not met.¹ The daily hydraulic and operation conditions are described below and in Table 1.

¹ As FERC is aware, 2016 was a very dry year in the Alabama-Coosa-Tallapoosa (ACT) basin, and Alabama Power had to implement the Alabama-ACT Drought Response Operations Proposal (ADROP), as reported in June 28, 2016 and October 6, 2016 filings.

In accordance with Article 403, Alabama Power began monitoring the four conditions on July 14, 2016. From July 14th through August 19th, none of the four conditions were met. On August 20th and continuing through August 23rd, Condition #2 was met. From August 24th through August 30th, none of the four conditions were met. On September 1st through September 7th, Condition #1 was met. From September 8th through October 15th, none of the conditions were met.

Table 1: Description of the Daily Hydraulic and Operation Conditions that Prevented Implementing the Conditional Fall Extension at the Martin Dam Project during 2016

Dates	Description of Hydraulic and Operation Conditions
07/14/2016 to 08/19/2016	No conditions met.
08/20/2016 to 08/23/2016	Condition #2 met.
08/24/2016 to 08/30/2016	No conditions met.
09/01/2016 to 09/07/2016	Condition #1 met.
09/08/2016 to 10/15/2016	No conditions met.

If there are any questions concerning this filing, please contact me at dkanders@southernco.com or 205-257-1398.

Sincerely,



David K. Anderson
Hydro Licensing Specialist