

<b>REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT</b>		
<b>FACILITY NAME: E.C. Gaston Steam Plant - Gypsum Pond</b>		
<b>OWNER/OPERATOR OF FACILITY: Alabama Power Company</b>		
<b>INSPECTION DATE: April 18, 2019</b>		
<b>INSPECTING ENGINEER: Jacob A. Jordan, P.E. (Alabama P.E. License #25093)</b> <b>Southern Company Services – Principal Engineer, Fossil Dam Safety</b>		
<b>ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION?</b>	<b>NO</b>	
(IF YES, DESCRIBE):		
<b>LOCATION AND TYPE OF EXISTING INSTRUMENTATION</b>	<b>N/A (no instrumentation)</b>	
<b>MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION</b>	<b>N/A (no instrumentation)</b>	
<b>APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION</b>		
MIN. DEPTH: less than 1 foot	MAX. DEPTH: 5 ft	PRESENT DEPTH: up to 4 feet
MIN. ELEVATION: EL 424 ft	MAX. ELEVATION: EL 424 ft	PRESENT. ELEVATION: EL 423 ft
<b>APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.</b>		
MIN. DEPTH: less than 1 ft	MAX. DEPTH: 25 ft	PRESENT DEPTH: up to 15 feet
MIN. ELEVATION: 410 ft (est.)	MAX. ELEVATION: 435 ft (including stack)	PRESENT ELEVATION: up to 425 ft (including stack)
<b>APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.</b>	1,980,000 yd <sup>3</sup> (inc. stacking)*	
<b>APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION</b>	<b>WATER: Up to 20,000 yd<sup>3</sup>*</b>	<b>CCR: 530,000 yd<sup>3</sup>*</b>
<b>ANY APPEARANCE OF AN ACTUAL OR POTENTIAL STRUCTURAL WEAKNESS OF THE CCR UNIT, IN ADDITION TO ANY EXISTING CONDITIONS THAT ARE DISRUPTING OR HAVE THE POTENTIAL TO DISRUPT THE OPERATION AND SAFETY OF THE CCR UNIT AND APPURTENANT STRUCTURES?</b>	<b>NO</b>	
(IF YES, DESCRIBE):		
<b>ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION?</b>	<b>NO</b>	
(IF YES, DESCRIBE):		

\*Volume figures are estimated derived from available information.

Based on the results of my inspection and review of the data provided, it is my professional opinion that the report has been completed in accordance with 40 CFR 257.83(b) and ADEM Admin. Code r. 335-13-15-.05(4)(b).

  
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Jacob A. Jordan, P.E.

1/17/20  
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Date

