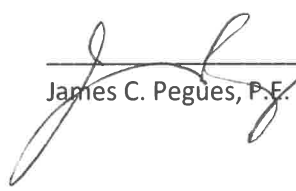


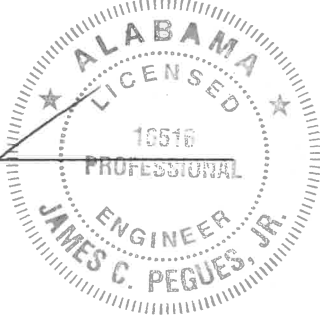
<b>REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT</b>		
<b>FACILITY NAME:</b> Gorgas Steam Plant – Ash Pond Dam		
<b>OWNER/OPERATOR OF FACILITY:</b> Alabama Power Company		
<b>INSPECTION DATE:</b> April 12, 2023		
<b>INSPECTING ENGINEER:</b> Jacob A. Jordan, P.E. (Alabama P.E. License #25093) Southern Company Services, Principal Engineer, Dam Safety		
<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>	See Attached Table 1	
<b>MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION*</b>	Deformation Monuments Only	
<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: 62 ft	PRESENT DEPTH: up to 55 feet
MIN. ELEVATION: EL 320 ft	MAX. ELEVATION: EL 382 ft	PRESENT. ELEVATION: EL 375 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: 120 ft	PRESENT DEPTH: up to 120 feet
MIN. ELEVATION: EL 270 ft (est.)	MAX. ELEVATION: EL 375 ft	PRESENT ELEVATION: up to EL 375 ft
<b>APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.</b>	29,000,000 cubic yards	
<b>APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION</b>	<b>WATER:</b> 4,000,000 yd <sup>3**</sup>	<b>CCR:</b> 25,000,000 yd <sup>3**</sup>
<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):		

\*The monitoring program was ended due to safety issues and the lack of significant lateral or horizontal movement over the 16 years since the dike was raised. The final survey was conducted on 8/15/23.

\*\*Volume figures are estimated derived from available information.

Based on the results of the inspection and my 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).

  
James C. Pegues, P.E.



The seal is circular with a double-line border. The outer ring contains the text "ALABAMA" at the top and "JAMES C. PEGUES, JR." at the bottom. The inner ring contains "LICENSED" at the top and "ENGINEER" at the bottom. In the center, the license number "10516" is printed above the word "PROFESSIONAL". Two stars are positioned on the left and right sides of the inner ring.

Date 1/17/24

<b>TABLE 1: INSTRUMENTATION TYPE AND LOCATION - GORGAS ASH POND</b>		
<b>INSTRUMENT NUMBER</b>	<b>INSTRUMENT TYPE</b>	<b>LOCATION</b>
<b>SM-101</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest (Top) of Dam, Near Left (West ) Abutment
<b>SM-102</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Left Portion of Dam
<b>SM-103</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Center-Left Portion of Dam
<b>SM-104</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Center-Right (East) Portion of Dam
<b>SM-105</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Right Portion of Dam
<b>SM-106</b>	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Near Right Abutment
<b>WEIR</b>	Seepage Weir	Toe (Bottom) of Ash Pond, Center-Right portion of dam