REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT			
FACILITY NAME: Miller Steam Plant Ash Pond Dam			
OWNER/OPERATOR OF FACILITY: Alabama Power Company			
INSPECTION DATE: September 27, 2017			
INSPECTING ENGINEER: Jacob A. Jordan, P.E. (Alabama P.E. License #25093) **Southern Company Services, Technical Services – Senior Engineer, Fossil Dam Safety**			
ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION?			**NO**
(IF YES, DESCRIBE):			
LOCATION AND TYPE OF EXISTING INSTRUMENTATION			**See attached Table 1**
MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION			**See attached Table 2 (deformation monuments not applicable)**
APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION			
MIN. DEPTH: less than 1 foot	MAX. DEPTH: 76 ft		PRESENT DEPTH: up to 76 feet
MIN. ELEVATION: EL 420.5 ft	MAX. ELEVATION: EL 420.5 ft		PRESENT. ELEVATION: EL 420.5 ft
APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.			
MIN. DEPTH: less than 1 ft	MAX. DEPTH: 60 ft		PRESENT DEPTH: up to 60 feet
MIN. ELEVATION: EL 300 ft (est.)	MAX. ELEVATION: EL 445 ft		PRESENT ELEVATION: up to EL 445
APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.	22,000,000 yd^3*		
APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION	**WATER:** 1,300,000 yd^3*	**CCR:** 17,000,000 yd^3*	
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?			**NO**
(IF YES, DESCRIBE):			
ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION?			**NO**
(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).

Jacob A. Jordan, P.E.

1/16/18
Date

TABLE 1: INSTRUMENTATION TYPE AND LOCATION – MILLER ASH POND		
INSTRUMENT NUMBER	**INSTRUMENT TYPE**	**LOCATION**
P-1	Piezometer	Crest (Top) of Embankment, Right (North) Portion of Dam
P-2	Piezometer	Crest of Embankment, Right Portion of Dam
P-3	Piezometer	Crest of Embankment, Right Portion of Dam
P-4	Piezometer	Crest of Embankment, Center of Dam
P-5	Piezometer	Crest of Embankment, Center of Dam
P-6	Piezometer	Toe (Bottom) of Dam, Right Portion of Dam
P-7	Piezometer	Toe of Dam, Right Portion of Dam
P-8	Piezometer	Toe of Dam, Right Portion of Dam
PA-1	Piezometer	Crest of Dam, Left (South) Portion of Dam
PA-2	Piezometer	Crest of Dam, Left Portion of Dam
PA-4	Piezometer	Crest of Dam, Center of Dam
PA-5	Piezometer	Crest of Dam, Center of Dam
PA-6	Piezometer	Crest of Dam, Center of Dam
PA-7	Piezometer	Crest of Dam, Center of Dam
PA-8	Piezometer	Crest of Dam, Center of Dam
PA-9	Piezometer	Crest of Dam, Center of Dam
PA-10	Piezometer	Toe of Dam, Right Portion of Dam
PA-11	Piezometer	Toe of Dam, Right Portion of Dam
EX-1	Piezometer	Crest of Dam, Right Abutment of Dam
EX-2	Piezometer	Right Abutment of Dam
EX-3	Piezometer	Crest of Dam, Right Portion of Dam
EX-4	Piezometer	Crest of Dam, Right Portion of Dam
SM-001	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Left Abutment
SM-002	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Left Portion of Dam
SM-003	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Left Portion of Dam
SM-004	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Center of Dam
SM-005	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Center of Dam
SM-006	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Center of Dam
SM-007	Deformation Survey Monument (Vertical and Horizontal)	Crest of Dam, Right Portion of Dam

TABLE 2: MAXIMUM RECORDED READINGS OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION	
INSTRUMENT NUMBER	**MAXIMUM RECORDED READING (EL ft)**
P-1	401.6
P-2	388.5
P-3	383.6
P-4	380.6
P-5	363.5
P-6	390.0
P-7	381.0
P-8	361.8
PA-1	322.7
PA-2	323.6
PA-4	286.5
PA-5	286.1
PA-6	369.6
PA-7	288.3
PA-8	289.5
PA-9	295.1
PA-10	361.2
PA-11	398.9
EX-1	416.1
EX-2	278.8
EX-3	280.2
EX-4	278.7