

REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT		
FACILITY NAME: Barry Steam Plant – Gypsum Pond		
OWNER/OPERATOR OF FACILITY: Alabama Power Company		
INSPECTION DATE: June 25, 2015		
INSPECTING ENGINEER: Richard Mickwee, P.E. (Alabama P.E. License # 25107) Southern Company Generation Hydro Services – Dam Safety & Surveillance Supervisor		
ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)?	N/A *	
(IF YES, DESCRIBE): N/A		
LOCATION AND TYPE OF EXISTING INSTRUMENTATION	N/A (no instrumentation)	
MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION	N/A (no instrumentation)	
APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION		
MIN. DEPTH: N/A *	MAX. DEPTH: N/A *	PRESENT DEPTH: Up to 5 feet
MIN. ELEVATION: N/A *	MAX. ELEVATION: N/A *	PRESENT ELEVATION: EL 25 feet
APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.		
MIN. DEPTH: N/A *	MAX. DEPTH: N/A *	PRESENT DEPTH: Up to 15 feet
MIN. ELEVATION: N/A *	MAX. ELEVATION: N/A *	PRESENT ELEVATION: Up to EL 27 feet
APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.	730,000 cubic yards **	
APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION	WATER: 25,000 cubic yards **	CCR: 218,000 cubic yards **
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 (YES OR NO)?	NO	
(IF YES, DESCRIBE): N/A		
ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)?	N/A *	
(IF YES, DESCRIBE): N/A		

* This is the first 'Annual inspection by a qualified professional engineer' performed in accordance with 40 CFR Part 257.83. This information will be included in subsequent annual inspection reports.

** Cubic yard figures are estimates 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).



1/14/2016

Richard L. Mickwee II, P.E.

Date

