

257.83 (b) (2)	<b>REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT</b>		
	FACILITY NAME: Plant McDonough AP4		
	OWNER/OPERATOR OF FACILITY: Georgia Power Company		
	INSPECTION DATE: March 20, 2019		
	INSPECTING ENGINEER: Patrick B. Rhodes, P.E. (Georgia P.E. License # 24586) Southern Company Services Fossil Dam Safety		
	Based on the results of the inspection and review of the data provided by a qualified Professional Engineer, it is my professional opinion that the report has been completed in accordance with 40 CFR 257.83(b).		
(i)	ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)?	Yes	
	(IF YES, DESCRIBE): The embankment is being lowered as a part of the closure construction.		
(ii)	LOCATION AND TYPE OF EXISTING INSTRUMENTATION	See attached figure	
(ii)	MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION	See attached chart	
(iii)	APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION		
	MIN. DEPTH: 5 ft*	MAX. DEPTH: 6 ft*	PRESENT DEPTH: 4 ft*
	MIN. ELEVATION: EL 826 ft*	MAX. ELEVATION: EL 839 ft*	PRESENT ELEVATION: EL 837 ft*
(iii)	APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.		
	MIN. DEPTH: 0 ft	MAX. DEPTH: 102 ft	PRESENT DEPTH: Up to 102 ft
	MIN. ELEVATION: EL 762 ft	MAX. ELEVATION: EL 900 ft	PRESENT ELEVATION: Up to EL 900 ft
(iv)	APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.	N/A – Plant McDonough no longer burns coal, thus no longer generates nor disposes of CCR in this area*.	
(v)	APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION	WATER: 8400 cu yds **	CCR: 2,000,000 cu yds **
(vi)	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		
(vii)	ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)?	No	
	(IF YES, DESCRIBE): N/A		

\* The ash pond is in the process of closure construction and has been partially dewatered.

\*\* Cubic yard estimates are derived by qualified personnel from available information.



**MAXIMUM RECORDED READINGS OF INSTRUMENTATION  
PLANT MCDONOUGH AP4**

**PIEZOMETERS**

<b>PIEZOMETER NUMBER</b>	<b>MAXIMUM RECORDED READING*</b>
P-1	N/A Dry
P-1A	EL 798
P-2	EL 793
P-4	EL 783
P-4A	EL783
P-4B	EL 793
P-5	EL781
P-5B	EL 786
P-6B	EL 781
P-7	Abandoned**
P-7A	EL 802
P-8B	EL 805
P-9	EL 804
P-10A	EL 792
P-10B	EL 798
P-10C	EL 804
P-11	EL 788
P-12	EL 786
P-13	EL 784
AP-1	EL 785
AP-2	EL 781
AP-3	EL 778

\*MAXIMUM RECORDED READING SINCE LAST ANNUAL INSPECTION; ROUNDED TO NEAREST FOOT

\*\* REMOVED FROM SERVICE/ABANDONED DUE TO DAM CREST LOWERING BELOW TIP OF PIEZOMETER

**LATERAL DRAIN AND WEIR FLOWS\***

<b>DRAIN</b>	<b>MAXIMUM MEASURED FLOW</b>
No. 1	1.0 gpm
No. 15	1.3 gpm
East Weir	5.0 gpm
West Wier	0.8 gpm

\*DRAIN AND WEIR FLOWS COLLECTED IN SUMPS AND PUMPED BACK INTO ASH POND

