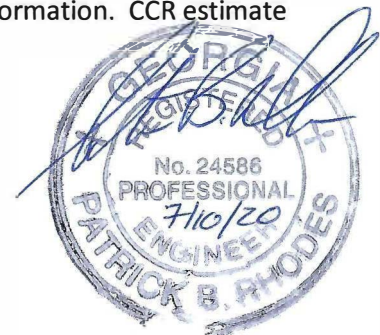


| | | | |
|---------------------------|---|---|------------------------------------|
| 257.83 (b) (2) | REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT | | |
| | FACILITY NAME: Plant McDonough AP4 | | |
| | OWNER/OPERATOR OF FACILITY: Georgia Power Company | | |
| | INSPECTION DATE: June 17, 2020 | | |
| | 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: 2 ft* | MAX. DEPTH: 6 ft* | PRESENT DEPTH: 2 ft* |
| | MIN. ELEVATION: EL 823 ft* | MAX. ELEVATION: EL 839 ft* | PRESENT ELEVATION: EL 835 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: 3,020,000 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. CCR estimate updated in July 2019 based on current survey information.



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

PIEZOMETERS

| PIEZOMETER NUMBER | MAXIMUM RECORDED READING¹ |
|--------------------------|---|
| P-1 | N/A Dry |
| P-1A | EL 796 |
| P-2 | EL 793 |
| P-4 ³ | EL 781 |
| P-4A ³ | EL782 |
| P-4B ³ | EL 793 |
| P-5 ³ | EL778 |
| P-5B ³ | EL 785 |
| P-6B ³ | EL 781 |
| P-7 ² | Abandoned |
| P-7A ² | Abandoned |
| P-8B ³ | EL 803 |
| P-9 | EL 805 |
| P-10A ² | Abandoned |
| P-10B ² | Abandoned |
| P-10C ² | Abandoned |
| P-11 ³ | EL 787 |
| P-12 ³ | EL 786 |
| P-13 | EL 783 |
| AP-1 ³ | EL 782 |
| AP-2 ³ | EL 780 |
| AP-3 | EL 778 |

- 1) MAXIMUM RECORDED READING SINCE LAST ANNUAL INSPECTION; ROUNDED TO NEAREST FOOT
- 2) REMOVED FROM SERVICE/ABANDONED PRIOR TO 2019 INSPECTION AS PART OF CLOSURE
- 3) REMOVED FROM SERVICE/ABANDONED BETWEEN 2019 & 2020 INSPECTION AS PART OF CLOSURE AND WILL BE LISTED AS ABANDONED FOR FUTURE INSPECTIONS

LATERAL DRAIN AND WEIR FLOWS¹

| DRAIN | MAXIMUM MEASURED FLOW |
|--------------|------------------------------|
| No. 1 | 0.0 gpm |
| No. 15 | 0.6 gpm |
| East Weir | 10.0 gpm ² |
| West Wier | 0.5 gpm |

- 1) DRAIN AND WEIR FLOWS COLLECTED IN SUMPS AND PUMPED BACK INTO ASH POND
- 2) ELEVATED DUE TO RAIN AT TIME OF MEASUREMENT

INSTRUMENTATION LOCATION PLANT MCDONOUGH AP4

