

| REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT | | |
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| FACILITY NAME: E.C. Gaston Steam Plant - Ash Pond | | |
| OWNER/OPERATOR OF FACILITY: Alabama Power Company | | |
| INSPECTION DATE: April 18, 2019 | | |
| INSPECTING ENGINEER: Jacob A. Jordan, P.E. (Alabama P.E. License #25093) Southern Company Services – Principal Engineer, Fossil Dam Safety | | |
| ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION? | NO | |
| (IF YES, DESCRIBE): | | |
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| 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: less than 1 foot | MAX. DEPTH: 7 ft | PRESENT DEPTH: up to 5 feet* |
| MIN. ELEVATION: EL 427 ft | MAX. ELEVATION: EL 432 ft | PRESENT. ELEVATION: EL 427 ft* |
| APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION. | | |
| MIN. DEPTH: 15 ft (est.) | MAX. DEPTH: 50 ft below crest | PRESENT DEPTH: varies - up to 50 feet below dike crest elevation |
| MIN. ELEVATION: 398 ft (est.) | MAX. ELEVATION: 561 ft (including stack) | PRESENT ELEVATION: 561 ft (including stack) |
| APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION. | 30,000,000 yd³ (inc. stacking)** | |
| APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION | WATER: 600,000 yd³** | CCR: 24,800,000 yd³** |
| 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): | | |
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| ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION? | NO | |
| (IF YES, DESCRIBE): | | |
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*Dredging and excavation has modified the relationship between water depth and water elevation from previous reports.

**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) and ADEM Admin. Code r. 335-13-15-.05(4)(b).



Jacob A. Jordan, P.E.

1/17/20

Date

