

257.83 (b)(2)	REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT		
	FACILITY NAME: Plant Smith – Ash Pond		
	OWNER/OPERATOR OF FACILITY: Gulf Power, a Florida Power & Light Company		
	INSPECTION DATE: December 3, 2020		
	INSPECTING ENGINEER: Kevin S. Brown, P.E. (FL PE# 57819)		
	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).		
(i)	ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION?	Yes ⁽¹⁾	
(ii)	LOCATION AND TYPE OF EXISTING INSTRUMENTATION	NO INSTRUMENTATION	
(ii)	MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION	N/A	
(iii)	APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION⁽²⁾		
	MIN. DEPTH: 3 ft	MAX. DEPTH: 13 ft	PRESENT DEPTH: 10.5 ft. (at deepest area)
	MIN. ELEVATION: 6	MAX. ELEVATION: 16	PRESENT. ELEVATION: 13.5
(iii)	APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.⁽³⁾		
	MIN. DEPTH: 0 ft	MAX. DEPTH: 53 ft	PRESENT DEPTH: 53 ft (at deepest area)
	MIN. ELEVATION: 5 ft	MAX. ELEVATION: 58 ft	PRESENT ELEVATION: up to 58 ft
(iv)	APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.	234,700 yd ³ ⁽⁴⁾	
(v)	APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION⁽⁵⁾	WATER: <20,000 yd ³	CCR: 993,900 yd ³
(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?	NO	
	(IF YES, DESCRIBE):		
(vii)	ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION?	NO	
	(IF YES, DESCRIBE):		

(1) A portion of the western dike has been removed for installation of the relocated process water pipeline as part of pre-closure activities. Calculated storage capacity values incorporate this change.

(2) Water elevation estimated from aerial survey in November 2020

(3) Elevation and depth of CCR includes the area where CCR is being actively placed and compacted per the approved closure plan.

(4) Depths, elevations and storage capacity are estimates derived by qualified personnel from available information and do not include the area above the original CCR elevation where CCR is being placed and compacted per the approved closure plan, e.g., the storage capacity does not include placed and compacted CCR. Volumes account for partially excavated dike on western side of impoundment.

(5) Volume of impounded CCR does not include CCR that is being placed and compacted per the approved closure plan because it is not considered impounded.

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).



Kevin S. Brown, P.E.

1/22/21

Date

