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To: [Swicord, Tim](#)
Cc: [Bergamo, Zoe](#); [McCants, Matthew](#); [Luhrs, Robert](#); [Reed, Donald](#); [McMakin, Ryan](#); [Tudor, Michelle](#)
Subject: CGS - CCR Impoundment Inspection Followup
Date: Tuesday, March 27, 2018 1:29:04 PM

Tim,

As you know, the 2017 Coal Combustion Residual impoundment inspection report completed for the Cross Generating Station Bottom Ash Pond identified several minor maintenance items which were required to be addressed within ninety (90) days of the date of the report. The following email details the condition of these items as of March 21, 2018.

- 1. Erosion of the downstream slope of the Bottom Ash Pond perimeter dike was noted directly below the western pipe bridge. Although no seepage or further movement was noted at the time of inspection, this area should be repaired to prevent further damage to the downstream toe of the perimeter dike within ninety (90) days of the date of this report.*
Repairs to the slope directly below the pipe bridge were completed using graded limestone aggregate base course. The repairs are satisfactory. Monitoring of this area should continue during weekly inspections and after large rain events to ensure that noticeable erosion does not reoccur.
- 2. Erosion on the inside slope of the perimeter dike was noted near the western pipe bridge. This area should be repaired and regraded within ninety (90) days of the date of this report.*
During the follow-up inspection, Civil Projects staff identified concrete revetment in this area that previously had been covered by coal combustion residuals. Erosion in this surface coating of coal combustion residuals gave the appearance of erosion of the interior slope, resulting in the recommendation above; however, the revetment identified on March 21st was intact and provides sufficient erosion protection for the interior slope of the perimeter dike. The condition of the interior slope is satisfactory. No additional repair is necessary.

All repairs have been completed on the Bottom Ash Pond as recommended in the October 2017 report. Several other areas were identified for regular monitoring during the annual report – these areas should continue to receive focus during regular inspections by plant personnel to ensure that they remain in acceptable condition. Please let Civil Projects know if you have any questions or need additional information regarding any of the items discussed in this correspondence.

Thanks,

Michael