

**PERIODIC HAZARD POTENTIAL ASSESSMENT
PLANT BARRY GYPSUM POND
ALABAMA POWER COMPANY**

EPA's "Disposal of Coal Combustion Residuals from Electric Utilities" Final Rule (40 C.F.R. Part 257, Subpart D) and the State of Alabama's ADEM Admin. Code Chapter 335-13-15 require the owner or operator of an existing CCR surface impoundment to conduct periodic hazard potential classification assessments. Per §257.73(a)(2) and ADEM Admin. Code r. 335-13-15-.04(4)(a)2., the owner or operator must document the hazard potential of each surface impoundment as a high hazard potential CCR unit, a significant hazard potential CCR unit or a low hazard potential CCR unit. In addition, §257.73(f)(3) and ADEM Admin. Code r. 335-13-15-.04(4)(f)3. require a subsequent assessment be performed within 5 years of the previous assessment.

The CCR surface impoundment located at Alabama Power Company's Plant Barry, also referred to as the Plant Barry Gypsum Pond, is located near Bucks, Alabama. The CCR surface impoundment is a lined facility formed by an engineered perimeter dike. The CCR unit is bounded on all sides by undeveloped plant property. In the unlikely event of an embankment failure, water and CCR would could potentially impact adjoining plant property and nearby wetlands.

Based on the potential impacts in the unlikely event of an embankment failure, a hazard potential classification of Significant Hazard Potential was initially assigned to the Plant Barry Gypsum Pond, in that failure or mis-operation of the CCR unit would result in no probable loss of human life but could cause economic losses and environmental damage to adjoining plant property. A review of current conditions in and around the Plant Barry Gypsum Pond indicates that a Significant Hazard Potential classification is still appropriate.

I hereby certify that the hazard potential classification was conducted in accordance with 40 C.F.R.
§257.73 (a)(2) and ADEM Admin. Code r. 335-13-15-.04(4)(a)2.

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