

**PERIODIC HAZARD POTENTIAL CLASSIFICATION ASSESSMENT CERTIFICATION  
CCR SURFACE IMPOUNDMENT: GAVIN POWER PLANT  
CCR UNIT: BOTTOM ASH POND**

S&ME, Inc. (Consultant) has been retained by Lightstone Energy to prepare the following periodic hazard potential classification assessment pursuant to Sections 257.73(a)(2) and (f)(3) of the HAZARDOUS AND SOLID WASTE MANAGEMENT SYSTEM; DISPOSAL OF COAL COMBUSTION RESIDUALS FROM ELECTRIC UTILITIES; FINAL RULE, 80 Fed. Reg. 21302 (Apr. 17, 2015). Presented below are the project background, summary of findings, and certification.

**1.0 BACKGROUND**

Pursuant to 40 C.F.R. § 257.73(a)(2) and (f)(1) & (2), on July 29, 2016, American Electric Power completed the initial hazard potential classification assessment of the Bottom Ash Pond AT THE Gavin Power Plant in Cheshire, Ohio documenting that it was a High Hazard Potential CCR surface impoundment. 40 C.F.R. § 257.73(f)(3) provides that an owner or operator of a CCR unit may conduct and complete a periodic hazard potential classification assessment prior to the required deadline provided the owner or operator places the completed assessment into the facility’s operating record within a reasonable amount of time. The owner or operator of the CCR unit must obtain a certification from a qualified professional engineer stating that the periodic hazard classification was conducted in accordance with the requirements of 40 C.F.R. § 257.73.

In support of the periodic assessment, S&ME completed a determination of the Hazard Potential Classification for the Bottom Ash Pond at the Gavin Power Plant in Cheshire, Ohio.

**2.0 ASSESSMENT**

Based upon a review of applicable information, Consultant has identified the following information about the Bottom Ash Pond at the Gavin Power Plant in Cheshire, Ohio.

CCR Unit	Hazard Potential Classification	BASIS
Bottom Ash Pond	High	The pond has not been modified since the initial classification.

**4.0 CERTIFICATION**

I, Michael G. Rowland, being a Registered Professional Engineer within the State of Ohio, do hereby certify to the best of my knowledge, information, and belief, that the periodic hazard potential classification assessment contained, meets the requirements of 40 C.F.R. § 257.73.

SIGNATURE \_\_\_\_\_  
*Michael G. Rowland*

