



Submitted to  
Illinois Power Resources  
Generating, LLC  
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Submitted by  
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# CCR Rule Report: Initial Structural Stability Assessment

For

Bottom Ash Basin

At Duck Creek Power Station

This Coal Combustion Residual (CCR) Rule Report documents that the Bottom Ash Basin at the Illinois Power Resources Generating, LLC Duck Creek Power Station is exempt from the structural stability assessment requirements specified in 40 Code of Federal Regulations (CFR) §257.73(d). The Bottom Ash Basin is located near Canton, Illinois in Fulton County, approximately 0.1 miles northeast of the Duck Creek Power Station.

The Bottom Ash Basin is an incised CCR surface impoundment, as defined by 40 CFR §257.53, that is used to manage sluiced bottom ash. Under 40 CFR §257.73(b), a structural stability assessment (§257.73(d)) must be performed for an existing CCR surface impoundment that either:

- 1. Has a height of five feet or more and a storage volume of 20 acre-feet or more; or*
- 2. Has a height of 20 feet or more.*

The Bottom Ash Basin does not satisfy either of these criteria because the incised basin does not have dikes. Therefore, the Bottom Ash Basin is not subject to the §257.73(d) structural stability assessment requirements.

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