CCR Rule Report: Initial Safety Factor 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(e). 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 safety factor assessment (§257.73(e)) 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(e) safety factor assessment requirements.
About AECOM

AECOM (NYSE: ACM) is a global provider of professional technical and management support services to a broad range of markets, including transportation, facilities, environmental, energy, water and government. With nearly 100,000 employees around the world, AECOM is a leader in all of the key markets that it serves. AECOM provides a blend of global reach, local knowledge, innovation, and collaborative technical excellence in delivering solutions that enhance and sustain the world's built, natural, and social environments. A Fortune 500 company, AECOM serves clients in more than 100 countries and has annual revenue in excess of $19 billion.

More information on AECOM and its services can be found at www.aecom.com.