

Indiana Michigan Power Co.
Rockport Plant
Bottom Ash Pond
Hazard Potential Classification Assessment

AEP has performed an evaluation to classify the above CCR Surface Impoundment in accordance with FEMA's Hazard Potential Classification System for Dams. These guidelines evaluate the consequences of a potential failure not the likelihood of a failure. Guidelines that were developed and utilized are included below.

Hazard Potential Classification Systems (from FEMA 333, April 2004)

1. Low Hazard Potential

Dams assigned the low hazard potential classification are those where failure or mis-operation results in no probable loss of human life and low economic and/or environmental losses. Losses are principally limited to the owner's property.

2. Significant Hazard Potential

Dams assigned the significant hazard potential classification are those dams where failure or mis-operation results in no probable loss of human life but can cause economic loss, environmental damage, disruption of lifeline facilities, or can impact other concerns. Significant hazard potential classification dams are often located in predominantly rural or agricultural areas but could be located in areas with population and significant infrastructure.

3. High Hazard Potential

Dams assigned the high hazard potential classification are those where failure or mis-operation will probably cause loss of human life.

The Rockport Bottom Ash Pond is located at the plant and approximately 4000 feet from the Ohio River. The impact of the failure or mis-operation of the pond will likely cause minor economic losses and limited environmental impacts on company property but would not be expected to cause a loss of human life. The Rockport Bottom Ash Pond is not classified by IDNR. The US EPA CCR Impoundment Assessment Report listed this ash pond as Low Hazard.

There has been no changes in classification by the State Dam Safety and the East Bottom Ash retrofit maintained the height and reduced the overall storage capacity of the East Bottom Ash Pond such that the physical changes would not warrant a change in the classification.

Based on the FEMA Hazard Potential Classification Systems for Dams and on the above discussion, Bottom Ash Pond is classified as a **Low Hazard Potential Dam**.

Professional Engineer's Certification:

I certify that this Hazard Potential Classification Assessment is in accordance with the requirements of section 40 CFR 257.73 (a)(2)(i).

Mohammad A Ajlouni, Ph.D., P.E.

