

Southwestern Electric Power Company
Welsh Power Station
Primary 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 AEP J. Robert Welsh Power Station is located at 1187 County Road 4865, Pittsburg, TX 75686. The plant is located in southern Titus County, approximately 8 miles northeast of Pittsburg, Texas, and approximately two miles northwest of Cason, Texas.

The Primary Bottom Ash Pond is located southwest of the Plant and directly west of the Welsh Reservoir. The dam is situated upstream of the Welsh Reservoir. A review of downstream conditions indicates that the impact of the failure or mis-operation of the Primary Bottom Ash Pond dam will be contained within the Welsh Creek Reservoir resulting in minimal off property impacts, no probable loss of human life, and limited potential economic and infrastructure impacts. The US EPA CCR Impoundment Assessment Report has listed this ash pond as Low Hazard.

Furthermore, there have been no changes in classification by Texas Commission on Environmental Quality Dam Safety nor has there been any other physical changes that would warrant a change in the classification.

Based on the FEMA Hazard Potential Classification Systems for Dams and the discussion above, Welsh Primary Bottom Ash Pond Dam 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) and 30 TAC 352.731.

Daniel W. Pizzino, P.E.


7-21-2026

