HAZARD POTENTIAL CLASSIFICATION

CFR 257.73(a)(2)

Auxiliary Ash Pond Complex

Glen Lyn Plant Site

Glen Lyn, Virginia

May, 2026

Prepared for: Appalachian Power Company

Prepared by: American Electric Power Service Corporation

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AUXILIARY ASH POND COMPLEX
LEGACY CCR SURFACE IMPOUNDMENT
HAZARD POTENTIAL CLASSIFICATION

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APPROVED BY David Anthony Miller DATE 04.10.2026

David Anthony Miller, P.E.
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I certify to the best of my knowledge, information and belief the information contained in this report meets the requirements of 40 CFR § 257.73(a) (2).

1.0 OBJECTIVE

The "Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals From Electric Utilities; Legacy CCR Surface Impoundments", 89 Fed. Reg. 38950 (May 8, 2024) (amending 40 C.F.R. §257) requires owners and operators of inactive electric generating facilities with legacy surface impoundments to conduct initial and periodic hazard potential classification assessments for each legacy CCR surface impoundment at the facility.

The Auxiliary Ash Pond Complex at the Glen Lyn Plant Site is subject to this rule.

2.0 HAZARD POTENTIAL DEFINITIONS

The Hazard Potential Classification System is defined according to 40 CFR 257.53 "Hazard potential classification"

[Hazard potential classification means the possible adverse incremental consequences that result from the release of water or stored contents due to failure of the diked CCR surface impoundment or mis-operation of the diked CCR surface impoundment or its appurtenances. The hazardous potential classifications include high hazard potential CCR surface impoundment, significant hazard potential CCR surface impoundment, and low hazard potential CCR surface impoundment, which terms mean:

> ***(1) High hazard potential CCR surface impoundment means a diked surface impoundment where failure or mis-operation will probably cause loss of human life.***
> ***(2) Low hazard potential CCR surface impoundment means a diked surface impoundment 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 surface impoundment owner's property.***
> ***(3) Significant hazard potential CCR surface impoundment means a diked surface impoundment 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 impact other concerns.]***

3.0 HAZARD DETERMINATION

The Auxiliary Ash Pond Complex is located immediately adjacent to the New River. The impact of the failure or mis-operation of the Auxiliary Ash Pond Complex dam would likely be contained by the banks of the New River. Failure or mis-operation of the Auxiliary Ash Pond Complex could cause environmental damage but would not be expected to cause loss of human life.

Based on the Hazard Potential Classification definitions in 40 CFR 257.53 and the above discussion, the Auxiliary Ash Pond Complex is classified as **Significant Hazard Potential**.

The Virginia Department of Conservation and Recreation regulates two embankment dams located with the Auxiliary Ash Pond Complex as High Hazard Potential based on definitions in the Virginia Administrative Code.