Notice of Intent to Initiate Closure of the John E. Amos Plant Fly Ash Pond

Appalachian Power Company

John E. Amos Power Plant

Winfield, West Virginia

September 2015

Prepared for:
John E. Amos Power Plant
Winfield, West Virginia

Prepared by:
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1. **Purpose**

To provide notification of the intent to initiate closure of the inactive surface impoundment (Amos Fly Ash Pond) at the John E. Amos Power Plant and to complete the closure no later than April 17, 2018.

2. **Closure Process of the Amos Fly Ash Pond**

Appalachian Power Company (APCO) will close the Amos Fly Ash Pond in accordance with 40 CFR 257.100(b)(1) by closing the CCR in place. The pond closure plan addresses surface water run-off flows and slope stability to prevent the sloughing or movement of the final cover system. The pond closure will begin by dewatering the CCR within the pond and stabilizing the waste to support the final cover system satisfying requirements (b)(2)(i) and (ii) of the rule. The final cover system is designed to minimize infiltration and erosion by having a permeability value of no greater than $1x10^{-5}$ centimeters/second. The cover system will consist of, from base to surface, a geomembrane, geotextile layer, a protective soil layer of 18 inches of earthen material and a topsoil layer of 6 inches of earthen material that is capable of sustaining growth satisfying requirements of 257.100(b)(3)(ii) of the rule. Following the installation of the cover system, it will be determined if the erosion layer will require any amendments and a grass seed mix will be selected which requires minimum efforts to sustain and maintain.

3. **Closure Construction Schedule of Amos Fly Ash Pond**

Item	Phase 1	Phase 2	Phase 3
Subgrade complete to allow liner to start	July 1, 2015	June 6, 2016	June 10, 2017
Synthetic liner complete	Nov. 14, 2015	Oct. 1, 2016	Aug 31, 2017
70% germination of vegetation	Dec. 5, 2015	Nov. 19, 2016	Oct. 14, 2017

4. **PE Certification**

The following PE Certification is certifying that the design of the final cover system meets the requirements of 40 CFR 257.100(b)(3)(i) and that the closure in place, 40 CFR 257.100(b)(1) through (4), of the inactive surface impoundment is technically feasible to be completed by April 17, 2018.

THOMAS E. WEBB

Certifying Engineer's Name (printed)

09.21.15

Date

Thomas E Webb

Certifying Engineer's Signature