

Shawnee Fossil Plant (SHF) Fact Sheet



Stantec

Issues Found

- ◆ Spillways that have history of leakage, sinkhole development, and toppling.
- ◆ Seepage areas on southeast dikes of Ash Pond.
- ◆ Steep slopes on southwest dikes of closed Ash Pond.
- ◆ Steep slopes on Intake Dredge Cell dikes used to store river sediment from plant intakes.

Remediation Projects Completed

- ◆ Flattened slopes along Intake Dredge Cell dikes to improve stability of slopes.

Remediation Projects Partially Completed

- ◆ Old spillways are being replaced with new spillways. Pool level will be lowered 1.5 feet to increase ability to safely pass design storm and divert flows away from old spillways (scheduled for completion in 2011).
- ◆ Old spillways will be abandoned by filling with concrete grout to eliminate risks associated with open pipes penetrating the dikes (scheduled for completion in 2011).

Future Remediation Projects

- ◆ Install filters to address seepage along southeast dikes of Ash Pond and north dikes of Intake Dredge Cell scheduled to begin in 2011.
- ◆ Improvements to southwest dikes of closed Ash Pond scheduled to begin in 2011. When improvement projects are complete, adequate slope stability will be attained.

