

Johnsonville Fossil Plant (JOF) Fact Sheet



Issues Found

- ◆ Water level in Ash Pond was too close to top of dike.
- ◆ Ash Pond spillways (permitted discharge points) had history of leakage/sinkhole development.
- ◆ Steep slopes and seepage areas on Ash Pond northeast and southeast dikes.

Remediation Projects Completed

- ◆ Old Ash Pond spillways were replaced in 2009 with new spillways. Pool level was lowered 2.6 feet which increased ability to safely pass design storm and diverted flows away from old spillways.
- ◆ Relocated Ash Pond sluice channel away from northeast dike sluice channel which enabled north end of ash pond to begin dewatering and improved slope stability.
- ◆ Flattened slope, installed rock buttress and seepage filters along Ash Pond northeast dike to improve slope stability.

Remediation Projects Partially Completed

- ◆ Old Ash Pond spillways are being abandoned by filling with concrete grout, which eliminates the risk associated with open pipes penetrating the dikes (scheduled for completion by July 2011).
- ◆ Ash Pond southeast dike slope stability project scheduled for completion in March 2011.

Future Remediation Projects

- ◆ None

