

US EPA ARCHIVE DOCUMENT



AEP Northeastern 3&4 Power Plant  
Oologah, Oklahoma  
US EPA Inspection – February 2011  
Action Plan based on Final Recommendations – February 12, 2012

AEP has reviewed the final report provided by Dewberry and Davis, LLC as part of their assessment of the ash impoundment facilities at the Northeastern 3&4 Power Plant.

AEP's comment is denoted in *italic* print after Dewberry and Davis's recommendation.

## 1.2 RECOMMENDATIONS

### 1.2.1 Recommendations Regarding the Structural Soundness of the Management Unit(s)

It is recommended that AEP perform a seismic analysis of the dikes for the Bottom Ash pond using a 2%, 50-year ground acceleration value to determine the Factor of Safety for the impoundment.

### 1.2.2 Recommendations Regarding the Hydrologic/Hydraulic Safety

None warranted at this time.

#### *Response:*

*AEP acknowledges this comment and will perform a seismic analysis of the dikes for the Bottom Ash pond using a 2%, 50-year ground acceleration value to determine the Factor of Safety for the impoundment. AEP will complete the seismic analysis by June 1, 2012.*

*AEP will continue its dam inspection and maintenance program (DIMP). Quarterly inspections of the facility are performed by Plant personnel and AEP Engineering conducts an annual inspection*

*AEP fully understands that maintenance of the facilities is part of the actions required to ensure the integrity of the dams and dikes at the AEP facilities. Therefore, AEP will continue a proactive maintenance and monitoring program as established.*