

US EPA ARCHIVE DOCUMENT

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Edward Throop, General Manager

Rick Landers, Plant Manager

Mr. Stephen Hoffman
US Environmental Protection Agency
Two Potomac Yard
272 S. Crystal Drive
5th Floor, N-237
Arlington, VA 22202-2733

February 3, 2011

Dear Mr. Hoffman,

This is in reply to your letter of January 7, 2011 regarding our "Dam Safety Assessment of CCW Impoundments". This describes the actions taken and the future schedule for the long term improvement recommendations in that document.

Bottom Ash Pond

* Outboard slopes – remove deleterious vegetation and continue regular maintenance of the slopes.

This item has been completed

* Outboard toe - implement plan to replace the ditch with drain piping along the toe to improve drainage.

This item will be completed over the course of the coming Spring and Summer.

* Inboard slopes –remove the small trees growing along the northern portion of the embankment. Keep vegetation under control to allow for visual inspection of the exposed portion of the slope above the waterline.

This item has been completed.

* Geotechnical investigation, cross-sectional topographic survey, and slope stability analyses of critical slopes. Install piezometers to monitor phreatic levels within the embankment. Analyze for normal pool with steady state seepage, maximum surcharge pool, and seismic loading conditions.

\$250,000 will be budgeted (both ponds) for expenditure during the fiscal year beginning June 1, 2011 and ending May 31, 2012 to contract an engineering company for this work.

Fly Ash Pond

* Outboard slopes – remove deleterious vegetation and continue regular maintenance of the slopes.

This item has been completed

* Outboard toe - Implement plan to replace the ditch with drain piping along the toe to improve drainage

This item will be completed during the coming Spring and Summer.

* Inboard slopes - keep vegetation under control to allow for visual inspection of the exposed portion of the slope above the waterline. ? Repair or replace the slide gate operator stems.

These items have been completed.

* Geotechnical investigation, cross sectional topographic survey, and slope stability analyses of critical slopes. Install piezometers to check phreatic levels within the embankment. Analyze for normal pool with steady state seepage, maximum surcharge pool, and seismic loading conditions. Installation of piezometers to help verify if the wet area near the outlet structure is the result of seepage through or beneath the embankment or is perched groundwater or stagnant surface water.

\$250,000 will be budgeted (both ponds) for expenditure during the fiscal year beginning June 1, 2011 and ending May 31, 2012 to contract an engineering company for this work.

I trust this provides you with the information you requested.

Please let me know if you have any questions or require further.

Sincerely,

Rick Landers
Plant Manager