

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 27, 2011

OFFICE OF
SOLID WASTE AND
EMERGENCY RESPONSE

VIA E-MAIL AND FEDERAL EXPRESS

Ms. Pamela Faggert
Vice President & Chief Environmental Officer
Dominion Resources services
5000 Dominion Blvd.,
Glen Allen, Va. 23060

Dear Ms. Faggert,

On August 16, 2010 the United States Environmental Protection Agency ("EPA") and its engineering contractors conducted a coal combustion residual (CCR) site assessment at the Kincaid facility. The purpose of this visit was to assess the structural stability of the impoundments or other similar management units that contain "wet" handled CCRs. We thank you and your staff for your cooperation during the site visit. Subsequent to the site visit, EPA sent you a copy of the draft report evaluating the structural stability of the units at the Kincaid facility and requested that you submit comments on the factual accuracy of the draft report to EPA. Your comments were considered in the preparation of the final report.

The final report for the Kincaid facility is enclosed. This report includes a specific condition rating for each CCR management unit and recommendations and actions that our engineering contractors believe should be undertaken to ensure the stability of the CCR impoundment(s) located at the Kincaid facility. These recommendations are listed in Enclosure 2.

Since these recommendations relate to actions which could affect the structural stability of the CCR management units and, therefore, protection of human health and the environment, EPA believes their implementation should receive the highest priority. Therefore, we request that you inform us on how you intend to address each of the recommendations found in the final report. Your response should include specific plans and schedules for implementing each of the recommendations. If you will not implement a recommendation, please explain why. Please provide a response to this request by July 27, 2011. Please send your response to:

Mr. Stephen Hoffman
U.S. Environmental Protection Agency (5304P)
1200 Pennsylvania Avenue, NW
Washington, DC 20460

If you are using overnight or hand delivery mail, please use the following address:

Mr. Stephen Hoffman
U.S. Environmental Protection Agency
Two Potomac Yard
2733 S. Crystal Drive
5th Floor, N-5838
Arlington, VA 22202-2733

You may also provide a response by e-mail to hoffman.stephen@epa.gov

You may assert a business confidentiality claim covering all or part of the information requested, in the manner described by 40 C. F. R. Part 2, Subpart B. Information covered by such a claim will be disclosed by EPA only to the extent and only by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such claim accompanies the information when EPA receives it, the information may be made available to the public by EPA without further notice to you. If you wish EPA to treat any of your response as "confidential" you must so advise EPA when you submit your response.

EPA will be closely monitoring your progress in implementing the recommendations from these reports and could decide to take additional action if the circumstances warrant.

You should be aware that EPA will be posting the report for this facility on the Agency website shortly.

Given that the site visit related solely to structural stability of the management units, this report and its conclusions in no way relate to compliance with RCRA, CWA, or any other environmental law and are not intended to convey any position related to statutory or regulatory compliance.

Please be advised that providing false, fictitious, or fraudulent statements of representation may subject you to criminal penalties under 18 U.S.C. § 1001.

If you have any questions concerning this matter, please contact Mr. Hoffman in the Office of Resource Conservation and Recovery at (703) 308-8413. Thank you for your continued efforts to ensure protection of human health and the environment.

Sincerely,
/Suzanne Rudzinski/, Director
Office of Resource Conservation and Recovery

Enclosures

Enclosure 2
Kincaid Recommendations

6. RECOMMENDATIONS

Based on the findings of our visual inspection and review of the available records for the Slag Field, O'Brien & Gere recommends that additional maintenance of the embankments be performed to correct the erosion, drainage, and other miscellaneous deficiencies cited above.

6.1 URGENT ACTION ITEMS

No urgent action items are recommended.

6.2 REPAIRS/LONG TERM IMPROVEMENT

Based on the August 16, 2011 inspection, the following repairs were recommended:

☐ The slope erosion observed at the western portion of the south embankment should be repaired

☐ Completion of the rip-rap reinforcement project should continue as planned ☐ Completion of the stump removal, regrading and vegetation establishment should continue as planned

☐ Record drawings of work conducted should be completed/remain on file As noted in Section 6.4, Dominion has reportedly completed the above items prior to this final report. No additional long term repairs are recommended.

6.3 MONITORING AND FUTURE INSPECTION

The gully erosion observed at the in the downstream slope where the north portion of south western embankment meets the western embankment should be monitored. The area does have some vegetation established; however, should the condition of this area be observed to worsen it should be repaired immediately.

O'Brien & Gere recommends that Dominion continue with its current schedule of weekly inspection and annual third part inspections.

O'Brien & Gere also recommends that upon completion of grading and vegetation establishment on the north and east embankments, Dominion should continue with its plans for regular mowing and active vegetation management. Active management of vegetation will prevent the growth of woody vegetation, prevent erosion, and facilitate inspection on the embankment slopes.

6.4 TIME FRAME FOR COMPLETION OF REPAIRS/IMPROVEMENTS

Dominion has reported that the repair of the slope erosion in the western portion of the south embankment was completed as of October 19, 2010.

Dominion has reported that the rip-rap placement along the northwest embankment was completed as of November 17, 2010.

Dominion has reported that the stump removal and regrading of the north and east embankments was completed as of October 18, 2010. Reseeding was conducted in December 2010. Following these efforts vegetation establishment is planned for completion by June 2011. O'Brien & Gere recommends that Dominion continue as planned to fully establish and man

Dominion has reported that the stump removal and regrading of the north and east embankments was completed as of October 18, 2010. Reseeding was conducted in December 2010. Following these efforts vegetation establishment is planned for completion by June 2011. O'Brien & Gere recommends that Dominion continue as planned to fully establish and manage the vegetative cover of these embankments.