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## **INSPECTION SUMMARY LETTER**

August 22, 2011

Mr. James DiCola Midwest Generation, LLC 1800 Channahon Road Joliet, IL 60436

## VIA E-MAIL and U.S. MAIL

KPRG Project No. 15209.4

Re: Joliet #29 Former Ash Burial Area Runoff Inspection 2011

Dear Mr. DiCola:

KPRG and Associates, Inc. (KPRG) completed a walk-over inspection of the former ash burial area on the northeast side of the Joliet #29 property, both inside and outside the fenced boundary of the facility. The inspection was performed on August 18, 2011. The purpose of the inspection was to identify any erosional features that may expose the underlying buried ash/slag and channel runoff toward the Des Plaines River which is immediately south of this area. It is our understanding that the ash burial area is included within the storm water/discharge permit for the facility and this inspection is part of permit compliance requirements.

During the inspection, KPRG identified two areas where either sheet wash erosion or rilling has exposed, or may expose, the underlying ash/slag and resulting in potential transport of material to the Des Plaines River. These are identified as Areas 1 and 2 below and pictures are attached. For each of the areas, the following observations and recommendations for repair are forwarded:

Area I — Located at coordinates N41° 29.890'/W88° 06.957'. This is an area of some sheet runoff and rill development resulting in side bank cover erosion with potential ash exposure. The rill is curved with one side incised into the bank. It is approximately 30 feet long, 3 to 5 feet wide and 1.5 feet deep.

The recommended repair is to fill in the rill with clayey top soil and seed with a mix of all purpose seed and annual rye. This should then be covered with an erosion mat. Some 3-inch stone will be placed along the top of the bank to reduce the runoff flow energy prior to flowing down the side of the bank.

14665 West Lisbon Road, Suite 2B. Brookfield. Wisconsin 53005. Telephone 262-781-0475. Facsimile 262-781-0478.

DESCRIPTION OF PERSONS ASSESSED.

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COMP. Ex. 250 N

Area 2 - Located at N41° 29.899'/W88° 06.937'. This is an area of rill development prior to the runoff flowing down the channel bank. The rill is approximately 60 feet long, 2 to 3 feet wide and up to 1.5 feet deep. There is a slight forking in the rill toward the south end.

The recommended repair should include fill in the rill with clayey top soil and seed with a mix of all purpose seed and annual rye. This should then be covered with a green wood fiber erosion blanket. A straw log should be placed along the top of the subject area to help reduce sheet runoff erosional effects.

All other areas along the cover that have undergone repair over the last three years appear in good condition with no additional detrimental erosion effects being displayed at this time.

KPRG met with Allied Landscaping at the site to show the areas of required repair to facilitate a contractor cost estimate. Upon receipt of Allied's estimate, KPRG will follow-up with a separate cost estimate for implementation of the recommended repairs.

KPRG appreciates the continued opportunity for providing our technical services to Midwest Generation. If there are any questions, please contact me at 262-781-0475.

Sincerely,

KPRG and Associates, Inc.

Richard R Smet

Richard R. Gnat, P.G.

Principal



Photo documentation Joliet #29 Ash Burial Area Inspection 8/11



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