

2024 Annual Coal Combustion Residuals (CCR) Landfill Inspection Report

Site Name: Duck Creek Power Plant
 Site Address: 17751 North Cilco Road, Canton, Illinois 61520
 Owner/Operator: Illinois Power Resources Generating LLC
 Owner/Operator Address: 17751 North Cilco Road, Canton, Illinois 61520
 CCR Unit: CCR Landfill

40 C.F.R # 257.84 INSPECTION REQUIREMENTS FOR CCR LANDFILLS

(b) ANNUAL INSPECTIONS BY A QUALIFIED PROFESSIONAL ENGINEER

(1) Existing and new CCR Landfills and any lateral expansion of CCR Landfill must be inspected on a periodic basis by a qualified professional engineer to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards. The inspection must, at a minimum, include:

(i) A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating records (e.g., the results of inspections by a qualified person, and results of previous annual inspections); and

Qualified person inspection documentation (weekly inspection reports) and previous annual inspection reports were reviewed prior to conducting the inspection.

(ii) A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR Unit.

A visual inspection was performed by Mr. M. Dean Jones, Jr., P.E. on October 10, 2024. The inspection included the CCR landfill slopes and surface, stormwater collection system, perimeter roads, and exterior slopes.

(2) **INSPECTION REPORT.** The qualified professional engineer must prepare a report following each inspection that addresses the following:

(i) Any changes in geometry of the structure since the previous annual inspection;

Based on available plant records, the landfill geometry was observed to be unchanged.

(ii) The approximate volume of CCR contained in the unit at the time of the inspection;

1,078,461 cubic yards

(iii) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR Unit; and

Signs of structural weakness in the CCR Unit or conditions that have the potential to disrupt operation of the CCR Unit were not identified during the visual inspection or in the weekly inspection reports. Minor erosion and minor sedimentation in stormwater ditches were observed which are corrected during regular maintenance.

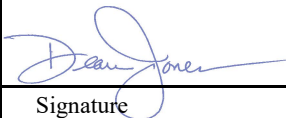
(iv) Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.

Based on available weekly inspection reports and visual observations during the inspection, no changes were observed that are expected to impact stability or operation of the CCR unit.

I, M. Dean Jones, Jr., being a Registered Professional Engineer in good standing in the State of Illinois, do hereby certify, to the best of my knowledge, information, and belief, that the information contained in this CCR landfill certification report has been prepared in accordance with the accepted practice of engineering and requirements of 40 C.F.R. # 257.84(b)

M. Dean Jones, Jr.

Printed Name



Signature

November 6, 2024

Date

062-051317

IL

11/30/2025

Registration Number

State

Expiration Date

Seal:

