2017 ANNUAL INSPECTION OF CCR LANDFILL BY QUALIFIED PROFESSIONAL ENGINEER
40 CFR 257.84

FACILITY INFORMATION	
Facility Name/ Address	Montrose Generating Station / 400 SW Highway P, Clinton, Missouri 64735
Owner Name	Kansas City Power & Light Company
CCR Unit	CCR Landfill
Inspection Date	November 16, 2017

ANNUAL CCR UNIT INSPECTION REPORT	
Rule	**Inspection Results**
((b)(1)(i) – Review of available information regarding the status and condition of the CCR unit.	Seven-day inspection reports dated 11/23/16 through 11/2/17 prepared by a qualified person were reviewed. Designed drainage from properly-installed toe-drains were noted at the toe of the landfill on the west and east sides (see item (b)(2)(iv)). No issues of concern with the CCR unit were noted.
(b)(1)(ii) – Visual inspection of the CCR unit to identify signs of distress or malfunction.	A visual inspection by a qualified professional engineer was made on November 16, 2017. No signs of distress or malfunction were observed.
(b)(2)(i) – Changes in geometry of the structure since the previous annual inspection.	None.
(b)(2)(ii) – Approximate volume of CCR contained in the unit at the time of the inspection.	Approximately 1.9 million cubic yards[1].
(b)(2)(iii) – 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.	No actual or potential structural weaknesses were noted. No conditions that are disrupting or have the potential to disrupt the operation and safety of the landfill were noted.
(b)(2)(iv) – Other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.	The last inspection (October 25, 2016) noted seepage on the west and east sides of the landfill. New trench intercept drains were installed in the seep areas in 2017. The seepage locations and amounts noted during the November 16, 2017 inspection indicated the intercept system is functioning as designed.

QUALIFIED PROFESSIONAL ENGINEER	
Prepared by	Patrick M. Goeke, P.E.
Date	January 9, 2018
Signature	Digitally signed by Pat Goeke DN: cn=Pat Goeke, o=SCS Engineers, ou, email=pgoeke@scsengineers.com, c=US Date: 2018.01.09 16:35:29 -06'00'

1. Volume calculations were completed by SCS Engineers using the December 23, 2015 and November 29, 2017 topographic surveys prepared by Whitehead Consultants.