

2017 ANNUAL INSPECTION OF CCR LANDFILL BY QUALIFIED PROFESSIONAL ENGINEER

40 CFR 257.84

FACILITY INFORMATION

Facility Name/ Address	Iatan Generating Station / 20250 Missouri Highway 45 North, Weston, Missouri 64098
Owner Name	Kansas City Power & Light Company
CCR Unit	CCR Landfill
Inspection Date	November 14, 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 10/4/16 through 10/25/17 prepared by a qualified person were reviewed. 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 14, 2017. No signs of distress or malfunction were observed.
(b)(2)(i) – Changes in geometry of the structure since the previous annual inspection.	Construction of Phase II, an approximate 38-acre rectangular expansion to the southeast of Phase I, was completed in early 2016 and filling is currently underway in Phases I and II. Construction of Phase III, an approximate 56-acre rectangular expansion to the southeast of Phase II, is in process. Both phases are per the Missouri Department of Natural Resources-approved permit plans dated July 16, 2007.
(b)(2)(ii) – Approximate volume of CCR contained in the unit at the time of the inspection.	Approximately 2.1 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.	None. An inspection made in person found no appearances of an actual or potential structural weakness of the CCR unit or existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit.
(b)(2)(iv) – Other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.	None.

QUALIFIED PROFESSIONAL ENGINEER	
Prepared by	Patrick M. Goeke, P.E.
Date	January 9, 2018
Signature	



1. Volume calculations were completed by SCS Engineers using the landfill volume calculated by Burns & McDonnell Engineers from a May 16, 2017 aerial survey by Tukup Technologies and deposit logs provided by KCP&L on January 8, 2018 for the period between the May 16, 2017 aerial survey and the November 14, 2017 annual inspection.