ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT BY QUALIFIED PROFESSIONAL ENGINEER
40 CFR 257.83

FACILITY INFORMATION	
Facility Name / Address	La Cygne Generating Station / 25166 East 2200 Road La Cygne, Kansas 66040
Owner	Kansas City Power & Light Company
CCR Unit	Lower AQC Impoundment
Inspection Date	January 5, 2016

ANNUAL CCR UNIT INSPECTION REPORT	
Rule	**Inspection Results**
(b)(i) – Review of available information.	Seven day and thirty day inspection reports prepared by a qualified person were reviewed. No signs issues of concern were noted.
(b)(ii) – Visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit and appurtenant structures.	A visual inspection of the CCR unit was made on January 5, 2016. No signs of distress or malfunction of the impoundment or appurtenant structures were identified.
(b)(iii) – Visual inspection of any hydraulic structures underlying the base of the CCR unit or passing through the dike of the CCR unit for structural integrity and continued safe and reliable operation.	A visual inspection of the hydraulic structures was made on January 5, 2016. Structures were observed to be visually stable. Based on visual inspection, continued safe and reliable operation is expected.
(b)(2)(i) – Changes in geometry of the impounding structure since the previous annual inspection.	None. This is the first inspection by a qualified professional engineer under the CCR Rule.
(b)(2)(ii) – Location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection.	This is the first inspection by a qualified professional engineer under the CCR Rule. Water level readings of three open standpipe piezometers present on the crest of the embankment and water levels measured at one pool guage present in the southwest corner of the impoundment were reviewed. No issues of concern were noted.
(b)(2)(iii) – Approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection.	This is the first inspection by a qualified professional engineer under the CCR Rule. The approximate depth of water and CCR over the impoundment at the time of the inspection ranges between 5 and 17 feet. The elevation of the water in the impoundment at the time of the inspection was approximately 861 feet.
(b)(2)(iv) – The storage capacity of the impounding structures at the time of the inspection.	Approximately 2.5 million cubic yards.
(b)(2)(v) – Approximate volume of impounded water and CCR at the time of the inspection.	Approximately 2.1 million cubic yards.
(b)(2)(vi) – 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 appurtenant structures.	None.
(b)(2)(vii) – Other change(s) which may have affected the stability or operation of the impounding structure since the previous annual inspection.	None. This is the first inspection by a qualified professional engineer under the CCR Rule

QUALIFIED PROFESSIONAL ENGINEER	
Prepared by	Brian D. Linnan, PE
Date	January 19, 2016
Signature	Brian Linnan

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