

ANNUAL INSPECTION BY A QUALIFIED PROFESSIONAL ENGINEER**40 CFR § 257.83(b)****Rev.(0) - 12/1/2020**

(b)(1) If the existing or new CCR surface impoundment or any lateral expansion of the CCR surface impoundment is subject to the periodic structural stability assessment requirements under § 257.73(d) or § 257.74(d), the CCR unit must additionally 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 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 record (e.g., CCR unit design and construction information required by §257.73(d) and §275.74(d), the results of inspections by a qualified person, and the results of previous annual inspections); (ii) A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit and appurtenant structures; and (iii) A 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.

SITE INFORMATION

Site Name & Address	Former Havana Power Plant Mason County, Illinois 62644
Date of Inspection	12/30/2020
Operator Name/ Address	Toucan Development, LLC 2275 Cassens Drive, Suite 118 Fenton, MO 63026
CCR Unit	East Ash Pond System

INSPECTION REPORT 40 CFR §257.83(B)(2)**DATE OF INSPECTION: 12/30/2020**

(b)(2)(i) Any changes in geometry of the structure since the previous annual inspection	Based on a review of the CCR unit's records and visual observation during on-site inspection, no changes in geometry of the structure have taken place since the previous annual inspection.
(b)(2)(ii) The location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection.	See attached.
(b)(2)(iii) The approximate minimum, maximum, and present depth and elevation of impounded water and CCR since the previous annual inspection.	See attached
(b)(2)(iv) The storage capacity of the impounding structure at the time of the inspection.	Approximately 4,200 acre-feet
(b)(2)(v) The approximate volume of impounded water and CCR contained in the unit at the time of the inspection	Approximately 3,700 acre-feet.

(b)(2)(vi) 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.	Based on a review of the CCR unit's records and visual observation during on-site inspection, no changes in geometry of the structure have taken place since the previous annual inspection.
(b)(2)(vii) Any other change(s) which may have affected the stability or operation of the impounding structure since the previous annual inspection.	Based on a review of the CCR unit's records and visual observation during on-site inspection, no changes in geometry of the structure have taken place since the previous annual inspection.

40 CFR § 257.83(b) – ANNUAL INSPECTION BY A QUALIFIED PROFESSIONAL ENGINEER

I, Adam Peetz, P.E., certify under penalty of law that the information submitted in this report was prepared by me and I am a Registered Professional Engineer under the laws of the State of Illinois. The information submitted, is to the best of my knowledge and belief, true, accurate, and complete. Based on the annual inspection, the design, construction, operation, and maintenance of the CCR Unit is consistent with recognized and generally accepted good engineering standards.



Adam Peetz, P.E.

Illinois PE No. 062-071969 , Expires 11/30/2021

Date:

SITE NAME: Toucan Development, LLC (Formerly Havana Power Station)
CCR UNIT: East Ash Pond System

40 CFR § 257.83(b)(2)(ii)

Instrument ID#	Type	Maximum recorded reading since previous annual inspection
No Instrumentation		

40 CFR § 257.83(b)(2)(iii)

Since Previous Inspection	Approximate Elevation & Depth					
	Elevation (ft)			Depth (ft)		
	Minimum	Present	Maximum	Minimum	Present	Maximum
Impounded Water		486			15	
CCR	475		491	25		40