



INDIANA-KENTUCKY ELECTRIC CORPORATION

3932 U. S. Route 23
P. O. Box 468
Piketon, Ohio 45661
740-289-7200

WRITER'S DIRECT DIAL NO:
740-289-7259

October 13, 2023

Delivered Electronically

Mr. Brian Rockensuess, Commissioner
Indiana Department of Environmental Management
100 N. Senate Avenue
Mail Code 50-01
Indianapolis, IN 46204-2251

Dear Mr. Rockensuess:

**Re: Indiana-Kentucky Electric Corporation
Notification of the Intent to Close the Clifty Creek Station
West Boiler Slag Pond**

As required by the 40 CFR 257.102(g), Indiana-Kentucky Electric Corporation (IKEC) is providing notification, to the Commissioner of the Indiana Department of Environmental Management, of the intent to close the Clifty Creek Station West Boiler Slag Pond. Please find included as Attachment I, notification for the intent to close for the Clifty Creek Station West Boiler Slag Pond, prepared by Stantec, Inc., who functions as the sites Qualified Professional Engineer.

This information has been posted to the Clifty Creek Station operating record and can be viewed on the publicly accessible internet site at:

<https://www.ovec.com/CCRCompliance.php>

If you have any questions, or require any additional information, please call me at (740) 289-7259.

Sincerely,

A handwritten signature in black ink that reads "Jeremy Galloway". The signature is written in a cursive, flowing style.

Jeremy Galloway
Environmental Specialist

JDG:gsc

Attachment I



Stantec Consulting Services Inc.
10200 Alliance Road Suite 300, Cincinnati OH 45242-4754

October 12, 2023
File: 175531036

Indiana-Kentucky Electric Corporation
3932 U.S. Route 23
P.O. Box 468
Piketon, Ohio 45661

Reference: Notification of Intent to Close – CCR Surface Impoundment
EPA CCR Rule: 40 CFR §257.102(g)
West Boiler Slag Pond (CCR Unit)
IKEC Clifty Creek Station

This document provides notice of intent to close the West Boiler Slag Pond located at the Indiana-Kentucky Electric Corporation (IKEC) Clifty Creek Station to comply with 40 CFR § 257.102(g). The West Boiler Slag Pond is closing under the requirements of 40 CFR § 257.101(a)(1) that requires closure of unlined and clay-lined CCR surface impoundments, and also in accordance with the alternative timeframe specified in 40 CFR § 257.101(a)(3). IKEC submitted a demonstration to the U. S. Environmental Protection Agency for a Site-Specific Alternative to Initiation of Closure Deadline (Amendment 2, November 30, 2020). Wastestreams flowing into the West Boiler Slag Pond will cease no later than October 15, 2023 under the requirements of 40 CFR §257.103(f)(1)(vi)(A).

Closure of the West Boiler Slag Pond is proposed in phases. On May 17, 2021, the Indiana Department of Environmental Management (IDEM) approved the Phase 1 closure plan for construction. Approximately one acre of the CCR Unit will be closed in accordance with 40 CFR § 257.102(d) by leaving CCR in place. IKEC is providing the attached certification of the adequacy of the design of the final cover system for the one acre closing by leaving CCR in place as required by 40 CFR § 257.102(d)(3)(iii). The remainder of the CCR Unit will be closed in accordance with 40 CFR § 257.102(c) by removal of CCR. The Closure and Post-Closure Plan (Revision 1) was posted to the operating record on September 26, 2023.

SIGNATURE  DATE 10/12/2023

Jacqueline S. Harmon, PE
Principal

ADDRESS: Stantec Consulting Services Inc.
10200 Alliance Road, Suite 300
Cincinnati, Ohio 45242

TELEPHONE: (513) 842-8200

ATTACHMENT: Certification of Final Cover System



Stantec Consulting Services Inc.
 10200 Alliance Road Suite 300, Cincinnati OH 45242-4754

October 12, 2023
 File: 175531036

Indiana-Kentucky Electric Corporation
 3932 U.S. Route 23
 P.O. Box 468
 Piketon, Ohio 45661

Reference: Certification of Final Cover System
EPA CCR Rule: 40 CFR §257.102(d)(3)(iii)
West Boiler Slag Pond (CCR Unit)
IKEC Clifty Creek Station

PURPOSE

This letter documents Stantec's certification that the design of the final cover system for approximately one acre of the IKEC Clifty Creek Station's West Boiler Slag Pond (CCR Unit) meets the requirements of 40 CFR §257.102(d)(3).

QUALIFIED PROFESSIONAL ENGINEER CERTIFICATION

I, Jacqueline S. Harmon, being a Professional Engineer in good standing in the State of Indiana, do hereby certify to the best of my knowledge, information, and belief, that the information contained in this certification is prepared in accordance with the accepted practice of engineering and that the information contained herein is accurate as of the date of my signature below. The Closure Plan (Addendum 1), West Boiler Slag Pond Phase 1 Closure, Clifty Creek Station, Madison, Jefferson County, Indiana was placed in the facility's operating record and submitted to the Indiana Department of Environmental Management (IDEM) on February 7, 2020. The Closure and Post-Closure Plan (Revision 1) was revised and placed in the facility's operating record on September 26, 2023. I certify that the alternative final cover system defined for approximately one acre meets the requirements in 40 CFR §257.102(d)(3)(ii).

SIGNATURE

Jacqueline S. Harmon

 Jacqueline S. Harmon, PE
 Principal

DATE 10/12/2023

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