

## 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
Landfill Runoff Collection 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 Landfill Runoff Collection Pond. Please find included as Attachment I, notification for the intent to close for the Clifty Creek Station Landfill Runoff Collection Pond, prepared by Stantec, Inc., who functions as the sites Qualified Professional Engineer.

This information has been posted to the Clifty Creek Station operation record and can be viewed on the publicly accessible internet site at: <a href="https://www.ovec.com/CCRCompliance.php">https://www.ovec.com/CCRCompliance.php</a>

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

Sincerely,

Jeremy Galloway

Environmental Specialist

Jour Galbury

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)

**Landfill Runoff Collection Pond (CCR Unit)** 

**IKEC Clifty Creek Station** 

ATTACHMENT: Certification of Final Cover System

This document provides notice of intent to close the Landfill Runoff Collection Pond located at the Indiana-Kentucky Electric Corporation (IKEC) Clifty Creek Station to comply with 40 CFR § 257.102(g). The Landfill Runoff Collection 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). Wastewater flows into the Landfill Runoff Collection Pond will cease no later than October 15, 2023 under the requirements of 40 CFR §257.103(f)(1)(vi)(A).

Closure of the Landfill Runoff Collection Pond is proposed in phases. The state-required closure plan was submitted to the Indiana Department of Environmental Management (IDEM) on June 17, 2021. The Closure and Post-Closure Plan required under the EPA CCR Rule was revised and posted to the operating record on September 26, 2023. 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 CCR Unit as required by 40 CFR § 257.102(d)(3)(iii).

SIGNATURE	Juqueline S. Harmon	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			



#### 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) Landfill Runoff Collection Pond (CCR Unit)

**IKEC Clifty Creek Station** 

#### **PURPOSE**

This letter documents Stantec's certification that the design of the final cover system for the IKEC Clifty Creek Station's Landfill Runoff Collection 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. I certify that the closure cap system described in the Closure and Post-Closure Plan (September 26, 2023, Revision 1), placed in the facility's operating record, and submitted to the Indiana Department of Environmental Management (IDEM) (June 11, 2021) for the Clifty Creek Station's Landfill Runoff Collection Pond, Madison, Jefferson County, Indiana meets the requirements in 40 CFR §257.102(d)(3)(i).

SIGNATURE

acqueline S. Harmon, PE

Principal

ADDRESS:

Stantec Consulting Services Inc. 10200 Alliance Road, Suite 300

Cincinnati, Ohio 45242

TELEPHONE:

(513) 842-8200

WDIANA METERSONAL ENGINEE 10/12/2023

10/12/2023

DATE