



Alliant Energy
4902 North Biltmore Lane
P.O. Box 77007
Madison, WI 53707-1007

1-800-ALLIANT (800-255-4268)
alliantenergy.com

January 31, 2024

Chad Stobbe
Land Quality Bureau
Iowa Department of Natural Resources
502 East 9th Street
Des Moines, IA 50319-0034

Subject: Semi-Annual Progress Report
 Lansing Upper Ash Pond Closure Project
 Lansing Generating Station
 Lansing, Iowa
 Permit #03-SDP-13-23C

Mr. Stobbe:

On behalf of Interstate Power and Light Company (IPL), Alliant Energy is submitting the enclosed semi-annual progress report for the Lansing Generating Station Upper Ash Pond Closure Project. This report is required by Special Condition #4 of Closure Permit #03-SDP-13-23C issued on February 9, 2023.

Thank you for your review of this report. If you have any questions or concerns, please contact me via email (jennycoughlin@alliantenergy.com) or by phone (515-558-9704).

Sincerely,

A handwritten signature in black ink, appearing to read "Jenny Coughlin".

Jenny Coughlin
Senior Environmental Specialist
Alliant Energy Corporate Services, Inc.

CC: Wendi Cigrand, Director IPL Generation
 Robin Nelson, Senior Environmental Specialist, IPL – Lansing Generating Station
 Chad Wall, Alliant Energy
 Eric Nelson, SCS Engineers

Lansing Generating Station Upper Ash Pond Closure Project
IDNR Permit #03-SDP-13-23C
Semi-Annual Progress Report – July 1, 2023 through December 31, 2023
January 31, 2024

1. Actions Taken to Date

- Completed design drawings and specifications for Upper Ash Pond closure and cap installation Construction Quality Assurance work at the site
- Awarded contract for closure activities in April 2021
- Completed a wetland delineation, a threatened and endangered species review, and a Phase I-A cultural resources assessment for the project area, May 2021
- Installed bridge lift fill pilot in late 2021. Bridge lift extension was completed to create northernmost berm within the Upper Ash Pond.
- Installed geotechnical monitoring instruments at bridge lift location to support monitoring the berm.
- Received the construction stormwater discharge permit for the project, April 2022
- Installed erosion and sediment control BMPs, May 2022
- Removed above-ground and below-ground conveyances from the Upper Ash Pond, May 2022 – July 2023
- Installed grout stabilized “wall” through the northern-most berm constructed across the Upper Ash Pond, May – August 2022
- Hydraulically excavated CCR from northern portion of Upper Ash Pond, August – October 2022
- Began consolidating CCR from the northern portion of the Upper Ash Pond, October 2022
- Ceased CCR and non-CCR discharges to the Upper Ash Pond December 2022
- Received Closure Permit (03-SDP-13-23C) from IDNR Solid Waste Section issued on February 9, 2023
- Setup temporary and supplemental wastewater treatment equipment for dewatering, March 2023
- Began dewatering the Upper Ash Pond, March 2023
- Began importing and placing infiltration layer to support final cover system, July 2023
- Completed final cover system installation, including infiltration layer, erosion layer, and seeding, September 15, 2023
- Submitted construction quality assurance report to the Iowa Department of Natural Resources November 11, 2023

2. Problems Encountered and Actions Taken to Resolve Problems

Problems Encountered	Actions Taken to Resolve Problems	Reporting Period of Problem and Resolution
Erosion was identified on the west side of the Upper Ash Pond closure area (above the diversion berm) during a routine inspection on December 27, 2023.	The construction contractor (Ames) was advised of the issue January 2, 2024. Ames visited the site the week of January 8, 2024, and staked the area for repair the week of January 15, 2024. They have planned to make repairs each week since then, but wet site conditions have prevented access to the are with a skid steer and attempts to access it on foot have also been difficult.	The repair will be completed as soon as conditions allow and will be documented in the next semi-annual report.

3. Pending Closure Activities

- Repairs to area of significant erosion on west side of Upper Ash Pond
- Evaluation of groundwater data
- Notification of Closure completion
- Notification of Notation in Property Deed