

Post-Closure Care Plan (Revised August 2026)

Coal Combustion Residue Landfill
Former Lansing Generating Station
Lansing, Iowa

Prepared for:

Interstate Power and Light Company
Former Lansing Generating Station
2320 Power Plant Drive
Lansing, Iowa 52151

SCS ENGINEERS

25226070.00 | August 31, 2026

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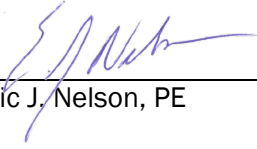
Figures

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Figure 2. Post-Closure Care Plan

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PE CERTIFICATION

	I, Eric J. Nelson, hereby certify that this Post-Closure Care Plan meets the requirements of 40 CFR 257.104(d), was prepared by me or under my direct supervision, and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.	
		08/31/2026
	Eric J. Nelson, PE	(date)
	Iowa License No.: <u>23136</u>	
	My license renewal date is: <u>December 31, 2026</u>	
	Pages or sheets covered by this seal: <u>Post-Closure Care Plan</u>	

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1.0 INTRODUCTION AND PROJECT SUMMARY

On behalf of Interstate Power and Light Company (IPL), SCS Engineers (SCS) has prepared this Post-Closure Care Plan for the former Lansing Generating Station (LAN) Coal Combustion Residue (CCR) Landfill as a revision to the LAN Post-Closure Plan dated September 2016. This plan is prepared in accordance with 40 Code of Federal Regulations (CFR) 257.104, as follows.

40 CFR 257.104(d). *“Written post-closure plan – (1) Content of the plan. The owner or operator of a CCR unit must prepare a written post-closure plan that includes, as a minimum, the information specified in paragraphs (d)(1)(i) through (iii) of this section.”*

The LAN CCR Landfill includes a closed CCR landfill, which consists of a single CCR unit. The CCR unit has received CCR both before and after the effective date of the CCR Rule. The site location is shown on **Figure 1**. **Figure 2** shows post-closure topography and monitoring locations.

The CCR unit has been closed by leaving the CCR in place and capping it with a final cover system meeting 40 CFR 257.102(d)(3) requirements. Phase 1 was capped in 2014, Phase 2 was capped in 2015, and the third and final phase of capping was completed in 2023. IPL will conduct post-closure care of the CCR unit at the former Lansing Generating Station CCR Landfill in accordance with 40 CFR 257.104(c) for the required 30 years.

2.0 MONITORING AND MAINTENANCE ACTIVITIES

40 CFR 257.104(d)(1)(i). *“A description of the monitoring and maintenance activities required in paragraph (b) of this section for the CCR unit, and the frequency at which these activities will be performed.”*

Monitoring and Maintenance Activities	Frequency
Mowing	Semi-Annually
Inspections by owner/operator	Quarterly
Repair to final cover for erosion concerns	As needed, determined by inspection
Storm water conveyance infrastructure maintenance	As needed, determined by inspection
Environmental monitoring (groundwater)	Semi-Annually

The owner/operator will perform quarterly inspections of the landfill surface and groundwater monitoring system. If issues are noticed during the inspection, action will be taken to remedy the situation. Eroded areas on the final cover will be repaired and reseeded. Repairs or replacement will be performed on the groundwater monitoring system components as needed.

The Lansing CCR Landfill does not have a leachate collection system. The CCR Landfill is an existing CCR unit under the Federal CCR Rule (40 CFR 257, Subpart D) and is not subject to the design criteria for new CCR landfills in 257.70; therefore, leachate collection is not required.

2.1 FINAL COVER MAINTENANCE

Mowing will be performed semi-annually during the growing season unless additional mowing is required in response to the vegetation growth rate. If eroded areas are noted during quarterly inspections, IPL will repair and reseed the area.

Observed differential settling, surface cracks, holes, erosion channels, or other interference with surface drainage shall be corrected by restoration to the original condition.

2.2 GROUNDWATER MONITORING AND SYSTEM MAINTENANCE

Groundwater monitoring wells MW6, MW301, MW307, and MW303R will be maintained and sampled semi-annually for the parameters listed in Appendix III and Appendix IV to Part 257 and in accordance with 40 CFR 257.90-98.

3.0 POST-CLOSURE PERIOD CONTACTS

40 CFR 257.104(d)(1)(ii). *“The name, address, telephone number, and email address of the person or office to contact about the facility during the post-closure period.”*

The contact information for the CCR Landfill during the post-closure period is as follows:

Former Lansing Generating Station
Attn: Former Lansing Generating Station Site Manager
2320 Power Plant Drive
Lansing, IA 52151-7539
800-255-4268
CCRProgram@alliantenergy.com

4.0 POST-CLOSURE PERIOD SITE USE

40 CFR 257.104(d)(1)(iii). *“A description of the planned uses of the property during the post-closure period. Post-closure use of the property shall not disturb the integrity of the final cover, liner(s), or any other component of the containment system, or the function of the monitoring systems unless necessary to comply with the requirements of this subpart.”*

The final use of the CCR Landfill will be privately-owned green space. With this use, there will be no disturbance of the final cover or any other landfill-related components.

5.0 CERTIFICATIONS

40 CFR 257.104(d)(4). *“The owner or operator of the CCR unit must obtain a written certification from a qualified professional engineer that the initial and any amendment of the written post-closure plan meets the requirements of this section.”*

Eric J. Nelson, PE, a licensed professional engineer in the State of Iowa, has overseen the preparation of this Post-Closure Care Plan. A certification statement is provided on **page iii** of this plan.

6.0 RECORDKEEPING AND REPORTING

40 CFR 257.104(d)(2)(iii). *“The owner or operator has completed the written post-closure plan when the plan, including the certification required by paragraph (d)(4) of this section, has been placed in the facility’s operating record as required by Section 257.105(i)(4).”*

The Post-Closure Care Plan will be placed in the facility’s operating record and on Alliant Energy’s CCR Rule Compliance Data and Information website, as will all amendments, if any.

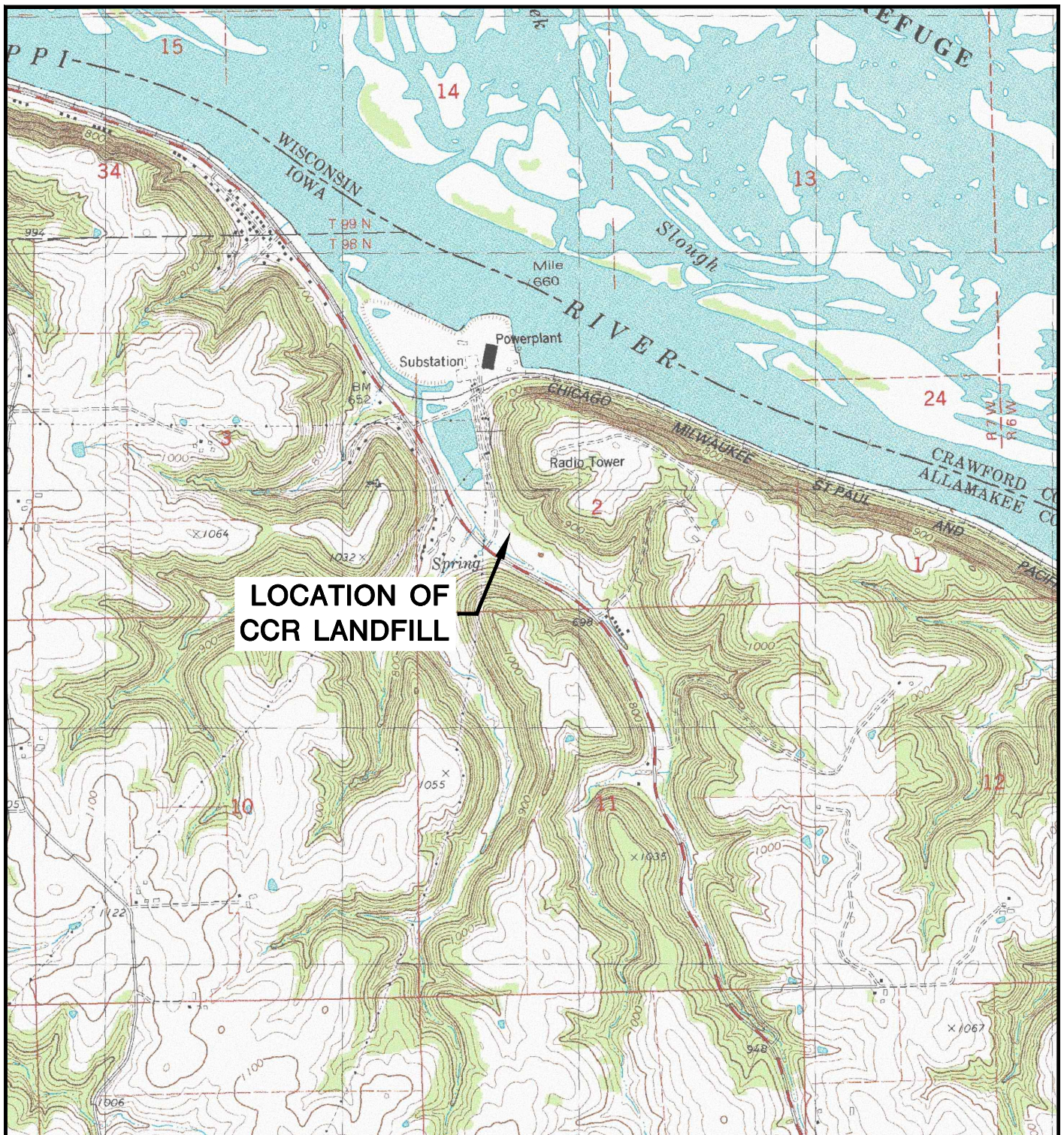
IPL will amend the Post-Closure Care Plan if there is a change in operation of the CCR unit that affects the written Post-Closure Care Plan or, if after post-closure activities have started, unexpected events cause a revision of the plan.

IPL will provide notification of completion of the post-closure care no later than 60 days following the completion of the post-closure care period. The notification will include certification by a qualified professional engineer verifying that post-closure care has been completed in accordance with the plan. The notification will be placed in the facility’s operating record and on the website.

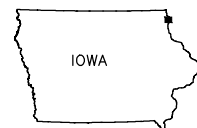
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Figures

- 1 Site Location Map
- 2 Post-Closure Care Plan



LANSING QUADRANGLE
IOWA-ALLAMAKEE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 FERRYVILLE 15' QUADRANGLE
1983
SCALE: 1" = 2,000'



CLIENT INTERSTATE POWER AND LIGHT CO. 2320 POWER PLANT DRIVE LANSING, IA 52151-9733	SITE POST-CLOSURE CARE PLAN COAL COMBUSTION RESIDUE LANDFILL LANSING, IOWA	SITE LOCATION MAP	
PROJECT NO. 25216109.00	DRAWN BY: AHB	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	FIGURE
DRAWN: 05/01/13	CHECKED BY: LB		1
REVISED: 09/08/16	APPROVED BY: EN 09/21/16		

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