






Post-Closure Plan for Existing CCR Surface Impoundments

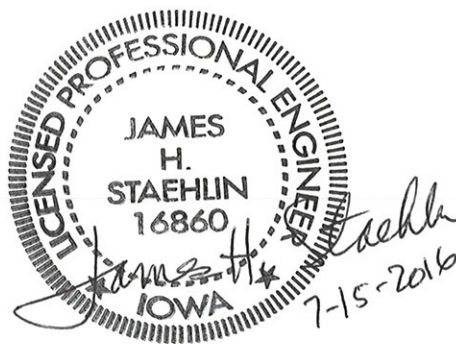
Prepared for Interstate Power and Light Company
Burlington Generating Station
Burlington, IA

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FINAL



TABLE OF CONTENTS

1. INTRODUCTION & PURPOSE.....	1
2. DESCRIPTION OF MONITORING / MAINTENANCE ACTIVITIES.....	2
2.1 Mowing.....	2
2.2 Visual Inspections by the Owner / Operator.....	2
2.3 Visual Inspection and Report by Certified Professional Engineer.....	2
2.4 Groundwater Monitoring.....	3
3. CONTACT INFORMATION FOR POST-CLOSURE CARE.....	3
4. PROPERTY USE DURING POST-CLOSURE CARE PERIOD.....	3
5. CERTIFICATIONS.....	3
6. REFERENCES.....	3

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1. INTRODUCTION & PURPOSE

Interstate Power and Light Company (IPL) – a wholly owned subsidiary of Alliant Energy – operates the single 212MW unit at Burlington Generating Station, located 4 miles south of Burlington, Iowa. This coal-burning facility operates a system of interconnected surface impoundments that form its Coal Combustion Residual (CCR) disposal facility. To comply with the requirements of the USEPA Final CCR Rule (40 CFR 257.50 thru 257.107) published on April 17, 2015 and amended on July 2, 2015, Alliant Energy, on behalf of its subsidiary IPL submits the following Post-Closure Plan detailing the steps to be undertaken during the required 30 year post-closure monitoring period in accordance with §257.104 of the CCR Rule.

This document provides the following required information:

- Description of the monitoring and maintenance activities,
- Contact information of responsible entity for closed CCR facility during post-closure care and,
- Description of the planned uses of the property during post-closure period.

BGS currently operates six surface impoundments at the site, of which four are managed as existing CCR impoundments under the provisions of the CCR Rule – Ash Seal Pond, Bottom Ash Pond, Economizer Ash Pond, and Upper Ash Pond. Additionally, a bottom ash storage pile and a hydrated fly ash stockpile are located on-site within the confines of the Bottom Ash Pond.

This Post-Closure Plan only applies to these four existing CCR impoundments. The Lower Pond and Coal Pile Runoff Pond do not meet the definition of a CCR surface impoundment per the CCR Rule, and as such are not discussed herein but are indicated for illustration purposes in Figure 1.

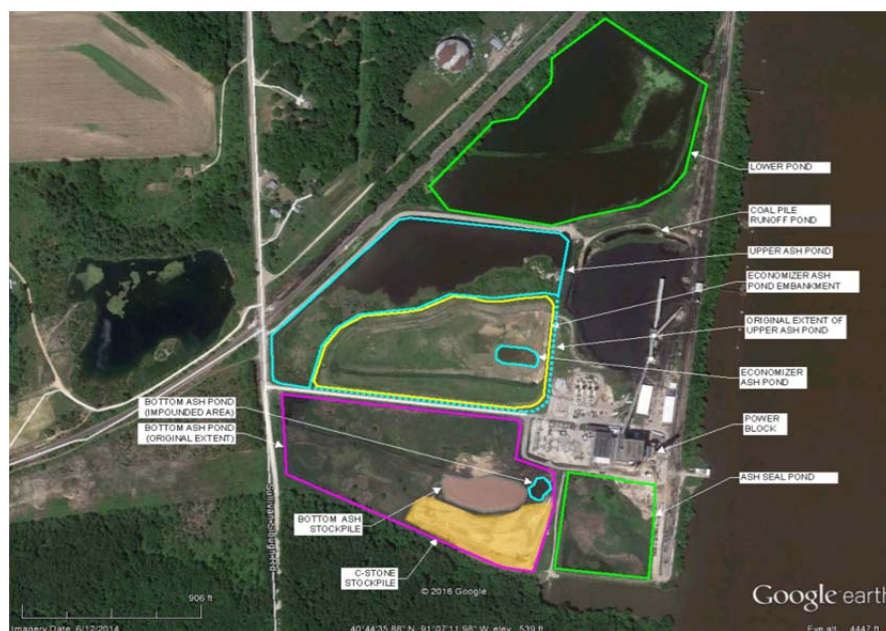


Figure 1: Current Layout of Impoundments at Burlington Generating Station

2. DESCRIPTION OF MONITORING / MAINTENANCE ACTIVITIES

The following table outlines the maintenance and monitoring activities to be undertaken during the 30-year post-closure care period, as required by 257.104(d)(1)(i) of the CCR Rule. The frequency of these activities is as mandated by the CCR Rule unless noted otherwise.

Monitoring and Maintenance Activities	Frequency
Mow Vegetation	Semi-annually (minimum)
Visual Inspection by Owner / Operator	Monthly (minimum)
Visual Inspection and Report by Licensed Professional Engineer	As necessary
Repair of Vegetative Cover	As necessary
Repair of Final Cover System	Following observance of settlement, subsidence, erosion, or other events
Inspect Groundwater Monitoring System	Monthly
Repair of Groundwater Monitoring System	Following observance of an issue
Monitor the Groundwater	Semi-Annually

2.1 Mowing

The Station will perform regular mowing of the final cover system vegetation during the growing season. Mowing will be performed on a semi-annual basis unless more frequent mowing is required to facilitate inspections during periods of higher vegetation growth.

2.2 Visual Inspections by the Owner / Operator

At a minimum, the Owner/Operator of the closed CCR unit shall visually inspect the closed impoundments on a monthly basis to identify any problem areas such as erosion, subsidence, settlement or other events. The monthly visual inspection will also include an inspection of the groundwater monitoring system to visually assess the condition of the protective casing and cover system. If problems are observed with the vegetative cover, actions will be taken to reseed the area and maintain the erosion protection provided by the vegetation. Furthermore, should the monthly inspection identify issues concerning the final cover system or the groundwater monitoring system, actions will be taken to make repairs in accordance with the original design.

2.3 Visual Inspection and Report by Certified Professional Engineer

Should the visual inspections by the owner / operator indicate potential concerns regarding the integrity of the final cover, a detailed inspection of the closed CCR surface impoundments will be performed by a licensed professional engineer. The professional engineer will visually inspect the surface and side slopes of the closed impoundments to identify any problem areas such as erosion, subsidence, settlement or other events.

2.4 Groundwater Monitoring

The Owner / Operator will maintain the groundwater monitoring system and monitor groundwater quality in accordance with the requirements of 40 CFR 257.90 through 257.98. Groundwater monitoring will be performed on a semi-annual basis in accordance with 40 CFR 257.94(b).

3. CONTACT INFORMATION FOR POST-CLOSURE CARE

As required by §257.104(d)(1)(ii) of the CCR Rule, the following contact information is provided if the need arises to discuss the contents or adequacy of this Post-Closure Plan with Station personnel:

Burlington Generating Station
Attn: Plant Manager
4282 Sullivan Slough Rd.
Burlington, IA 52601
(319) 758-5301
CCRProgram@alliantenergy.com

4. PROPERTY USE DURING POST-CLOSURE CARE PERIOD

Per the requirements of §257.104(d)(1)(iii) of the CCR Rule, the intended use of the closed CCR facility at Burlington – as of the issue date of this Plan – is to remain a natural, undisturbed vegetated area.

5. CERTIFICATIONS

It is S&L's opinion that this written post- closure plan meets the requirements of 40 CFR 257.104(d).

6. REFERENCES

1. 40 CFR Part 257, Subpart D – Environmental Protection Agency Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule, Federal Register, Vol. 80, No. 74, Friday April 17, 2015, as amended by the Technical Amendments published in the Federal Register on July 2, 2015.