

CCR Rule Operating Criteria | §257.83(b)(1) 2022 Annual Inspection by a Qualified Engineer Final

**Ash Pond
Dave Johnston Power Plant
Glenrock, Wyoming**

December 16, 2022

PREPARED FOR

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PROFESSIONAL ENGINEER CERTIFICATION

I hereby certify, as a Professional Engineer in the State of Wyoming, that the information in this document was assembled under my direct supervisory control. This report is not intended or represented to be suitable for reuse by PacifiCorp or others without specific verification or adaptation by the Engineer.

I hereby certify, as a Professional Engineer in the State of Wyoming that this report has been in accordance with an meets the requirements of 40 Code of Federal Regulations §257.83(b)(1).

Chad Tomlinson

Chad Tomlinson, P.E.

December 16, 2022

Date

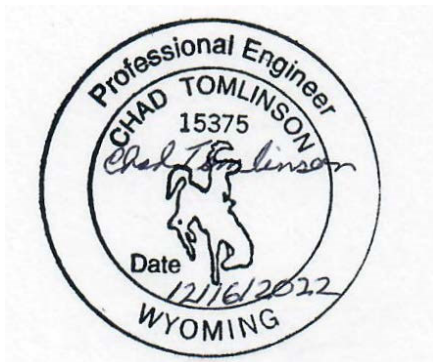


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1. INTRODUCTION

This annual inspection and report are being completed for the purpose of providing due diligence by PacifiCorp and reasonable assurance, to the extent obtained by the due diligence, of its coal combustion residual (CCR) facilities. The inspection was performed according to the requirements for annual inspections under Section 257.83 (CCR surface impoundments) of 40 CFR Parts 257, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities, Final Rule, dated April 17, 2015 [1].

2. EXISTING CONDITIONS

The PacifiCorp Dave Johnston Power Plant is a coal-fueled steam-electric operation with four operating units having a total generating capacity of 754 net megawatts (nMW) and is located approximately five miles east of Glenrock in Converse County, Wyoming along Interstate 25. The Ash Pond consisted of two cells, 4A Pond and 4B Pond, which were separated by an intermediate dike. A Location Map for Ash Pond is presented in **Figure 1**.

The Ash Pond, which was located approximately 2,000 feet northwest of the plant, was a single pond bisected by a 1,500-foot east-west oriented interior dike that separated the 4A and 4B Ponds. The 4B Pond was north of 4A Pond, and both were east of the No. 4 Clear Pond. The Ash Pond acted as primary settling basins for bottom ash that is pumped in as a slurry via underground pipelines from Dave Johnston Plant Units 1, 2, and 3. The Ash Pond had a total approximate surface area of 39 acres and an approximate storage capacity of 289.2 acre-feet. The ash pond has been classified as having a low hazard potential by Tetra Tech on September 30, 2016 [2].

The Dave Johnston Plant staff, via an October 6, 2020 letter [3], informed the Wyoming Department of Environmental Quality that the Ash Pond had stopped receiving CCR and would be closed. As of the date of this assessment, major closure activities have been completed, including removal of the ash and liner and over excavation of impacted soil, and as such is no longer considered an active surface impoundment. However, this assessment has been developed because it has not been formally closed due to ongoing groundwater corrective actions being implemented. A photograph showing the current condition of the Ash Pond is provided as **Figure 2**.

3. ANNUAL INSPECTION BY A QUALIFIED ENGINEER

Given that the Ash Pond has been dewatered and is no longer receiving CCR, and the CCR material, pond liner, and impacted soil has been removed and therefore does not represent an active impoundment, it is Tetra Tech's opinion that the requirements of §257.83(b)(1) Annual Inspection by a Qualified Engineer do not apply to this CCR Unit.



Figure 1 – Ash Pond Location Map



Figure 2 – 2022 Photograph Showing Current Condition of Ash Pond

4. SOURCE(S)

- [1] USEPA, 2015. 40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule. April 17, 2015. 201 pp.
- [2] PacifiCorp, “Notice of Intent to Initiate Closure of a Coal Combustion Residual (CCR) Unit,” October 6, 2020.

5. REVISIONS

Revision Number	Date	Revision Made	By Whom
B	9/01/2022	Draft Issued to Client	Chad Tomlinson
0	12/16/2022	Issued as Final	Chad Tomlinson