

October 12, 2018

AECOM Project No.
60587593

Basin Electric Power Cooperative
294 County Road 15
Beulah, North Dakota 58523

Engineer's Certification of Wetlands Demonstration, Existing Bottom Ash Ponds, EPA Final CCR Rule, Laramie River Station, Wheatland, Wyoming

1. Purpose

The purpose of this document is to certify that the Wetlands Location Restriction Demonstration for the BEPC Laramie River Station existing Bottom Ash Ponds are in compliance with the Wetlands location requirements specified in the Final CCR Rule at 40 CFR § 257.61. Presented below is the project background, summary of findings, limitations and certification.

2. Background

As required by 40 CFR § 257.61 of the EPA Final CCR Rule, the owner or operator of any new CCR landfills, existing and new CCR surface impoundments, and all lateral expansions of CCR units must demonstrate that the units must not be located in wetlands, as defined in 40 CFR § 232.2, unless the owner or operator demonstrates that the CCR unit meets the requirements of paragraphs 40 CFR § 257.61(a)(1) through (a)(5).

3. Summary of Findings

The following information has been evaluated for wetlands at the BEPC Laramie River Station;

- The surface impoundments at the LRS have been proven stable,
- There is no contamination from the nearby, downgradient emergency holding ponds,
- There is no discharge from the facility, and
- The landfills and surface impoundments are not within the 100 year flood plain.

Based on the evaluation described above, AECOM concluded that the Bottom Ash Ponds located at the BEPC Laramie River Station are not located in wetlands areas, and no wetlands are impacted by their operation. Therefore, the Bottom Ash Ponds meet the requirements of 40 CFR § 257.61 of the EPA Final CCR Rule.

4. Certification

I, Jeremy Thomas, being a Registered Professional Engineer in good standing in the State of Wyoming, do hereby certify, to the best of my knowledge, information, and belief, that the information contained in this certification has been 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 further certify, for the above-referenced CCR Unit, that the demonstration regarding wetlands meets the requirements of 40 CFR § 257.61(a).

Jeremy M. Thomas

Printed Name

October 12, 2018

Date

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