



CCR Temporary Ash Disposal Area

2019 Annual Inspection Report

Gerald T. Whelan Energy Center

Hastings, NE

January, 2020

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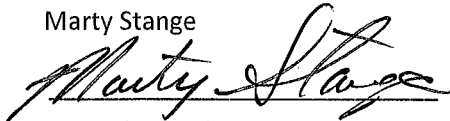
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Professional Engineer Certification

" I hereby certify that the CCR Temporary Ash Disposal Area at the Whelan Energy Center, operated by Hastings Utilities, was inspected and this report prepared in accordance with the Coal Combustion Residual Rule 40 CFR 257.84(B). I am duly licensed Professional Engineer under the laws of the State of Nebraska".

Print Name: Marty Stange

Signature:



Date:

1/15/2020

License #:

E-6129

1. Introduction

On April 17, 2015 the U.S. Environmental Protection Agency (EPA) published the final rule for the regulation and management of coal combustion residuals (CCR) under Subtitle D of the Resource Conservation and Recovery Act (RCRA). The CCR rule defines a set of requirements for the disposal and handling of CCR within CCR units (defined as either landfills or surface impoundments, or in our case it's CCR Temporary Ash Disposal Area). EPA Regulation Section 40 CFR 257.84(b) specifies that an owner or an operator of a CCR Temporary Ash Disposal Area must have the Temporary Ash Disposal Area inspected on a periodic basis by a qualified professional engineer.

2. Review of available information (40CFR 257.84(B)(1)(i))

- The CCR Landfill weekly inspection records (per Section 257.84(a)) from January 1,2019 through December 31, 2019
- CCR Fugitive Dust Control Plan
- NDEQ Title 132 Permit , NDEQ Permit # NE0204129

Review of the above documents did not uncover any unresolved issues that indicated operation, safety or structural concerns of the Whelan Energy Center Temporary Ash Disposal Area.

3. Visual Site Inspection (40CFR 257.84(B)(1)(ii))

A site inspection of the Whelan Energy Center was performed on November 5th, 2019 by Environmental Supervisor, Marty Stange, PE and Environmental Engineer, Marina Richards.

Weather condition at the time of inspection was clear sky, with 55 F temperature. The site was free of snow cover.

3.1 Extent of Inspection

The inspection included an extensive site walk of the entire CCR Temporary Ash Disposal Area. As the CCR rule only requires the inspection of the active CCR Temporary Ash Disposal Area itself, this report doesn't address the condition of the groundwater monitoring system, access roads beyond the Temporary Ash Disposal Area perimeter, grades and drainage channels that are not components of the active CCR Temporary Ash Disposal Area.

3.2 Inspection Findings

The following are the findings of the CCR Temporary Ash Disposal Area inspection:

- 1) Continue to monitor water depth.
- 2) The perimeter road needs to be clean for better dust control. Continue to use City sweeper to help with dusty conditions off the roads. Continue Dust control.
- 3) Continue to remove small trees and weeds as needed by the Coal Handlers.
- 4) Outlet lid/cover inside the east discharge pond needs to be fixed (see attached photo).

Facility Site Map



Legend

- CCR Boundary
- Leachate Pond Boundary

Public Power Generation Agency
Hastings Utilities
Whelan Energy Center
CCR Fugitive Dust Control Plan

June 2019

Figure 1

