

LINER DESIGN CRITERIA

EXISTING CCR IMPOUNDMENTS
CCR Rule Section 257.71

ASBURY POWER PLANT

21133 Uphill Lane
Asbury, Missouri 64832

October 17, 2016



SERVICES YOU COUNT ON

EMPIRE DISTRICT ELECTRIC COMPANY

Prepared by:



Rachel J. Goeke, P.E.
MO P.E. 2007020268

October 17, 2016

Empire District Electric Company
Asbury Power Plant
21133 Uphill Lane
Asbury, Missouri 64832

RE: **Liner Design Criteria for Existing CCR Surface Impoundments .**
CCR Rule Section 257.71
Empire District Electric Company . Asbury Power Plant
Asbury, Missouri
PPI Project Number 231518

To Whom it May Concern:

This document presents the **Liner Design Criteria** for the Empire District Electric Company's (Empire's) CCR Impoundment at the Asbury Power Plant, and has been prepared to meet the requirements of Section 257.71 of the CCR Rule.

In accordance with Section 257.105(f)(2) of the CCR Rule, a copy of this document should be maintained in Empire's operating records. In accordance with Section 257.107(f)(3), a copy of this document should also be posted to Empire's CCR Compliance website. Notification of the availability of this document should be provided to the State Director, as required in Section 257.106(f)(3).

PALMERTON & PARRISH, INC.

By:



Rachel J. Goeke, P.E.
MO P.E. 2007020268

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LINER DESIGN CRITERIA FOR EXISTING CCR SURFACE IMPOUNDMENTS

CCR RULE SECTION 257.71

EMPIRE DISTRICT ELECTRIC COMPANY – ASBURY POWER PLANT

ASBURY, MISSOURI

1.0 INTRODUCTION

CCR Rule Section 257.71 requires documentation as to whether existing CCR Surface Impoundments are lined or unlined.

The Empire District Electric Company has one (1) CCR Impoundment at the Asbury Power Plant, identified as the Asbury CCR Impoundment. Palmerton & Parrish, Inc. (PPI) reviewed available documentation pertaining to the History of Construction of the Asbury CCR Impoundment.

2.0 UNLINED CCR SURFACE IMPOUNDMENT

CCR Rule Section 257.71(a)(3) An existing CCR surface impoundment is considered to be an existing unlined CCR surface impoundment if either:

(i) The owner or operator of the CCR unit determines that the CCR unit is not constructed with a liner that meets the requirements of paragraphs (a)(1)(i), (ii), or (iii) of this section...

In accordance with Section 257.71(a)(3)(i) of the CCR Rule, the Asbury CCR Impoundment is an *unlined CCR surface Impoundment*.

3.0 CERTIFICATION 257.71(b)

The undersigned Professional Engineer certifies that the determination that the Asbury CCR Impoundment is unlined is accurate, in accordance in CCR Rule Section 257.71(b).

State of Missouri Professional Engineering License Number: 2007020268

Name: Rachel Jeanne Goeke, P.E.

Seal:

Signature: 

Date: October 17, 2016

