

PERIODIC HAZARD POTENTIAL CLASSIFICATION

EXISTING CCR IMPOUNDMENTS
CCR Rule Section 257.73(a)(2)

ASBURY POWER PLANT

21133 Uphill Lane
Asbury, Missouri 64832

May 30, 2023

The Empire District Electric Company

Prepared by:



Brandon R. Parrish, P.E.
MO P.E. 2010000852

May 30, 2023

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

RE: **Periodic Hazard Potential Classification** – CCR Rule Section 257.73(a)(2)
Empire District Electric Company – Asbury Power Plant
Asbury, Missouri
PPI Project Number 231518

To Whom it May Concern:

This document presents a **Periodic Hazard Potential Classification** of 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 257.73(a)(2) of the CCR Rule.

The Asbury CCR Impoundment was closed by leaving the CCR in place. Closure was complete as of January 23, 2023. The periodic hazard potential classification for the Asbury CCR Impoundment is *significant hazard potential CCR surface impoundment*.

In accordance with Section 257.105(f)(5) of the CCR Rule, a copy of this document should be maintained in Empire's operating records. In accordance with Section 257.107(f)(4), 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)(4).

PALMERTON & PARRISH, INC.

By:



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Professional Engineer
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PERIODIC HAZARD POTENTIAL CLASSIFICATION
CCR RULE SECTION 257.73(a)(2)
EMPIRE DISTRICT ELECTRIC COMPANY – ASBURY POWER PLANT
ASBURY, MISSOURI

1.0 INTRODUCTION

CCR Rule Section 257.73(a)(2): Periodic Hazard Potential Classification Assessments:

(i) The owner or operator of the CCR unit must conduct initial and periodic hazard potential classification assessments of the CCR unit according to the timeframe specified in paragraph (f) of this section. The owner or operator must document the hazard potential classification of each CCR unit as either a high hazard potential CCR surface impoundment, a significant hazard potential CCR surface impoundment, or a low hazard potential CCR surface impoundment. The owner or operator must also document the basis for each hazard potential classification.

The Empire District Electric Company has one (1) CCR Impoundment at the Asbury Power Plant, identified as the “Asbury CCR Impoundment”. Definitions for high hazard potential CCR surface impoundment, significant hazard potential CCR surface impoundment, and low hazard potential CCR surface impoundment are presented in Section 257.2 of the CCR Rule.

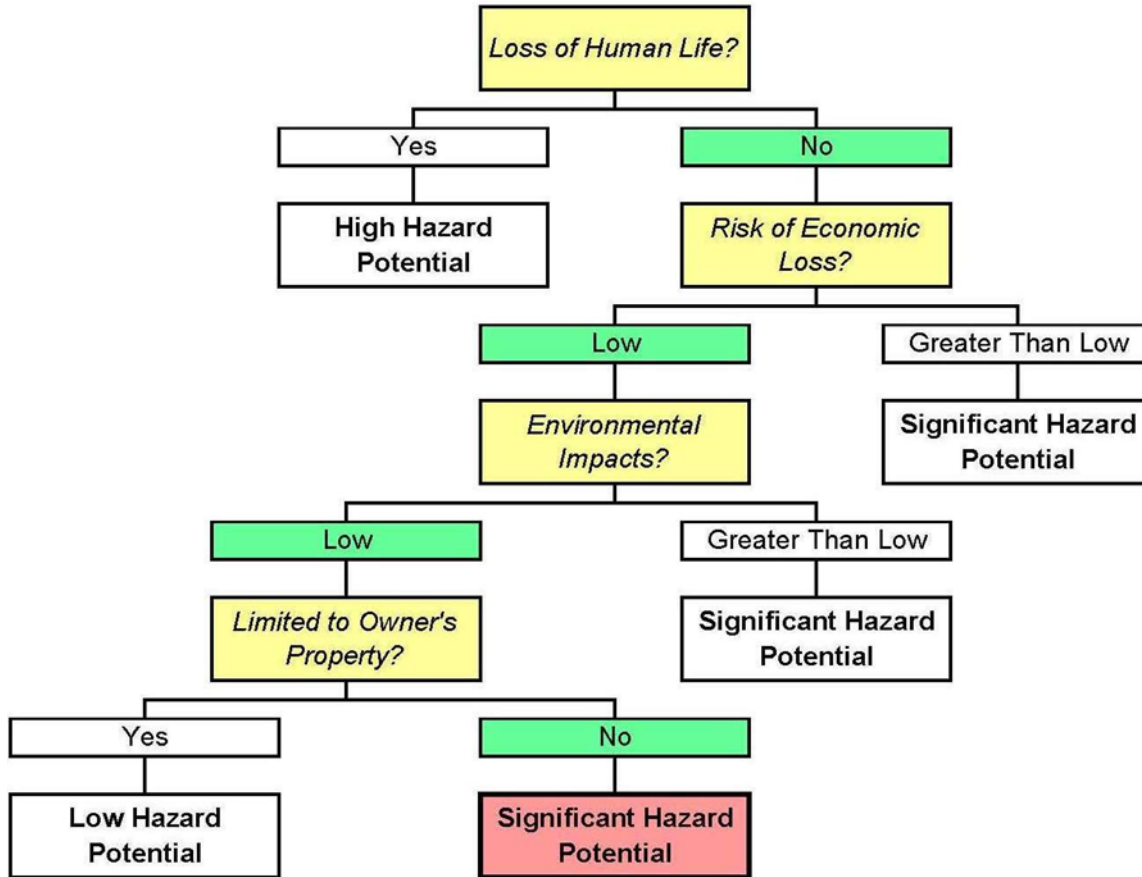
2.0 PERIODIC HAZARD POTENTIAL CLASSIFICATION

The Asbury CCR Impoundment was closed by leaving the CCR in place. Closure was complete as of January 23, 2023. The periodic hazard potential classification for the Asbury CCR Impoundment is *significant hazard potential CCR surface impoundment*.

This is unchanged from the initial hazard potential classification dated October 17, 2016 and the Periodic Hazard Potential Classification dated October 15, 2021.

3.0 BASIS FOR PERIODIC HAZARD POTENTIAL CLASSIFICATION ASSESSMENT

PPI’s basis for determination of a *significant hazard potential CCR surface impoundment* is illustrated in the flow chart below, based on the definitions presented in Section 257.2.



4.0 CERTIFICATION 257.73(a)(2)(ii)

The undersigned Professional Engineer certifies that the periodic hazard potential classification was conducted in accordance with the requirements of 40 CFR 257.73(a)(2).

State of Missouri Professional Engineering License Number: 2010000852

Name: Brandon R. Parrish, P.E.

Seal:

Signature: *Brandon R. Parrish*

Date: May 30, 2023



05/30/23