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TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

November 8, 2011

TO: Internal File

THRU: Steve Christensen, Team Lead *SLC*

FROM: April A. Abate, Environmental Scientist III *AAA 11-8-2011*

RE: Midterm Permit Review, Intermountain Power Agency, Wildcat Loadout Facility, C/007/0033, Task ID #3931

SUMMARY:

In accordance with R645-303-211, the Division of Oil, Gas, and Mining (the Division) is required to review each active permit during its term. The Division commenced the Midterm Review for the Wildcat Loadout facility on September 29, 2011. This Technical Memorandum will review any and all commitments and permit conditions relating to geology requirements of the R645-301-600 Utah Coal Rules.

The Master List of Commitments was reviewed for any commitments pertaining to the geology: none were identified. The latest 5-year permit renewal for the Wildcat Loadout was effective May 5, 2009. On June 27, 2011, a permit transfer was issued to Intermountain Power Agency, who took over management of the facility from Andalex Resources, Inc. No special conditions (Section 18-Attachment A) of the permit or the permit transfer were identified pertaining to the geology requirements of the R645-301-600 Utah Coal Rules.

The December 21, 2006 Master Technical Analysis document prepared by the Division determined that all geological information provided in the MRP was considered adequate to meet the requirements of this section. The technical review focused on a review of the geology section of the Mining and Reclamation Plan (MRP) to determine if any information in the plan is noncompliant in accordance with the Utah Coal Rules. No deficiencies were found in the Chapter 6 of the MRP.

RECOMMENDATIONS:

Midterm approval is recommended.

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GEOLOGIC RESOURCE INFORMATION

Regulatory Reference: 30 CFR 784.22; R645-301-623, -301-724.

Analysis:

The Permittee have addressed all the regulations required in R645.301.600 of the geology regulations in the Utah Coal Rules. The Wildcat Loadout facility is a coal processing facility and therefore does not fall under the majority of the geology regulations that would be required for surface and underground mining activities such as chemical properties of coal seams to be mined.

Findings:

[R645-301-600]: The geology section of the MRP states provides the required information to meet the Utah Coal Rules. No deficiencies were identified.

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Regulatory Reference: 30 CFR 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

The plan describes the geology of the permit and adjacent area and provides a geologic map referenced as Plate 12 showing that the permit area is located on Mancos Shale. No cross section is referenced in the plan, as cross sections primarily pertain to information on the coal seam to be mined.

Findings:

[R645-301-622]: The geologic map provided as Plate 12 meets the Utah Coal Rules. No additional information is required and no deficiencies pertaining to maps were identified.

RECOMMENDATIONS:

Midterm approval is recommended.