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**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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March 7, 2000

TO: Internal File

FROM: Stephen J. Demczak, Reclamation Specialist, Team Lead *SM per SJD*

RE: Full Extraction Longwall Mining Beneath the Castle Gate Escarpment in the North Rilda Lease, PacifiCorp, Deer Creek Mine, ACT/015/018-AM00B

**SUMMARY:**

Proposed amendment change is to conduct second mining by using longwall method under the Castle Gate Escarpment in the North Rilda Lease. Before this amendment was submitted, a Decision of "No Significant Impact" was determined by the BLM and Forest Service. This document was signed on November 2, 1999.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION**

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

**Analysis:**

**Mine Workings Maps**

The permittee has submitted several maps. These maps are updating existing maps showing second mining (longwall mining) being used. These maps are P.E. certified as required by the Coal Rules.

**Findings:**

The maps submitted are considered adequate to meet this section of the R645-Coal Rules.

**SUBSIDENCE CONTROL PLAN**

Regulatory Reference: 30 CFR Sec. 784.20, 817.121, 817.122; R645-301-521, -301-525, -301-724.

**Analysis:**

**Subsidence Control Plan**

The permittee is expected to comply with the special monitoring stipulations referenced in the environmental assessment. PacifiCorp is to install and measure subsidence at the North slope of Rilda Canyon using prisms as referred on Map DU1688E in R645-301-500 section.

In addition to the prism monitoring, PacifiCorp will install warning signs in Rilda Canyon prior to undermining the two southern panels.

**Findings:**

The information provided in the proposed amendment is considered adequate to the requirements of this section. The information received was approved in the Decision Notice/FONSI signed on November 1, 1999 and DOGM consent dated November 10, 1999.

**RECOMMENDATION:**

It is recommended that this amendment be approved. The information received was approved in the Decision Notice/FONSI signed on November 1, 1999 and DOGM consent dated November 10, 1999.