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ACT/007/007
#2

August 4, 1987

TO: John Whitehead, Permit Supervisor
FROM: James R. Fricke, Reclamation Hydrologist *JRF*
RE: Culvert Erosion Protection Amendment, Kaiser Coal Company,
Sunnyside Mine, ACT/007/007, Folder #2, Carbon County, Utah

The operator has requested an amendment to the approved MRP for culvert outlet protection. Upon permit approval, the operator was committed to providing culvert outlet protection measures for numerous culverts at the Sunnyside Mine.

The operator has requested to not provide outlet protection for culverts RC10-4 and RC7-3 (Plate III-28). The culverts have been in place over 10 years and have probably passed the design, or a larger storm event.

Division personnel have inspected the culverts and have not found evidence of erosion. However, a plunge pool has developed at the outlet of RC7-3. The plunge pool is a natural phenomena and would be incorporated into a riprap design for culvert outlet protection.

The operator has committed to inspect the culverts periodically, and if any maintenance is necessary, it will be remedied.

The amendment is satisfactory for Division approval.

djh
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