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

007/012 #2

Michael O. Leavitt
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TO: Daron Haddock, Permit Supervisor
FROM: Wayne H. Western, Reclamation Engineer *WHW*
DATE: December 28, 1993
RE: Install Platform Scale and Stoker Oil Facilities, Castle Valley Resources, Wellington Loadout, ACT/007/012, Folder #2, Carbon County, Utah

SUMMARY:

The operator of the Wellington Loadout facility wants to install equipment that will spray stoker oil onto coal as it is being loaded into railroad cars. The fuel tank and containment structure already are installed. A SPCC plan has been filed with the EPA.

Applicant's Proposal:

Stoker coal, when required by contract, will be oiled with stoker oil. The stoker oil will be stored in one 15,000-gallon storage tank located within the oil storage building. This oil will be pumped to the head of the last conveyor belt where coal is dumped into the coal cars. At that point the oil will be sprayed onto the coal by a series of sprays located on top and underneath the coal flow. This will be done immediately before the coal enters the coal cars. Volume of oil per ton of coal will be determined by each individual contract. Oiled coal will not be stored at the Wellington facility.

The coal cars, after being loaded, will be dropped into the lower yard. The loads accumulate in the lower yard until the complete train has been loaded. When loading has concluded the Denver & Rio Grande Western Railroad, part of the Southern Pacific Railroad set, empties into the upper yard and picks up loads in the lower yard for delivery.

An updated copy of the spill prevention and control countermeasure plan (SPCC) was submitted. Jay Marshall, a registered professional engineer, certified the SPCC plan.



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Analysis:

Jay Marshall mentioned the installation of a platform scale in his letter to the Division that accompanied the permit change application. However, neither the revised Mine and Reclamation Plan (MRP) nor the Permit Area and Facilities Map mentions the platform scale. Missing from the map and text are the spray nozzles.

The Permit Area and Facilities Map has a scale of 1 inch equals 500 feet. That scale is too small to show the details needed to evaluate the permit change application.

Enclosed in a letter to the Division from Mr. Marshall, dated December 16, 1993, was a detailed map of the stoker oiling facilities. Missing from the map was the platform scale.

Stipulations:

1. The Applicant will incorporate a detailed map similar to the one he enclosed in his letter dated December 16, 1993 into his mine and reclamation plan. The map will show the location of the oil storage building, the pipes used to transport the oil to the sprayers and the platform scale. The map's scale will be no smaller than 1 inch equals 100 feet.

RECOMMENDATION:

Approve the permit change subject to the stipulation to incorporate a detailed map of the stoker oil facility into the Mine and Reclamation Plan.