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1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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ACT/015/015
EMERY DEEP
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M E M O R A N D U M
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TO: Ronald W. Daniels, Deputy Director *RWD*
James W. Smith, Coordinator of Mined Land Development *JWS*

FROM: Leland C. Spencer, Reclamation Engineer *LCS*

SUBJECT: Pre-design Conference
Synfuels Plant
Emery County, Utah

DATE: August 20, 1980

On August 12, 1980, Dennis R. Dalley of the Utah State Division of Environmental Health, held a pre-design conference with Ralph Coats of Mountain Fuel Resources and Melvin M. Vuk of ERT. Representatives of the Bureau's of Air Quality, Water Pollution Control, Public Water Supplies, Solid Waste Management, Radiation and Occupational Health, General Sanitation, and Oil, Gas and Mining were in attendance.

The purpose of the conference was to inventory permits and permit requirements necessary for the construction of a coal gasification plant proposed in Emery County, Utah. Mountain Fuel heads up the project and Conoco, PG&E, and S. Cal. Edison are partners. The plant upon completion in 1986 would process 3.5 MM tons of coal to produce 125 MM cu. ft. of synthetic natural gas and 3,000 tons of methanol per year. At present the Utah State Siting Task Force has encouraged Mountain Fuel Supply.

The project is in very preliminary planning stages and will be building a plant using the Lurgi Process similar to the Great Plains Project, North Dakota (Wesco Project). The project will consist of a stockpile, coal fired power plant (100 MegaWatt) utilizing 600 tons of coal per year, a large dam and reservoir on the Muddy Creek impounding approximately 25,000 acre-feet, a gas pipeline north to the Price area, the Lurgi units, and ancillary facilities. Mountain Fuel is hopeful that the proposed Castle

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Valley railroad will be able to serve the plant. The siting of the plant has not been finalized, however, two sites on the north or south side of the town of Emery are the most promising at this time.

Coal will be mined from the Consolidation Coal Company leases, underground as well as strip. Eureka Energy and S. Cal. Edison may also provide coal.

After the first phase of the plant is successful the plant may be doubled in size which would require 7.0 million tons of coal ultimately.

The representatives of each bureau were asked to discuss permitting requirements. As representative of the Division of Oil, Gas and Mining, I explained that only the coal mining was presently a concern and that would not be involved in the construction of the plant. The gas and oil people in the Division would be in touch with Mountain Fuel if through the production of methanol or gas, some regulations or permits were required.

LCS/te