EXECUTIVE SUMMARY

Re: The Flintkote Company
Dolomite & Flux Plants
Tooele County, Utah
DOE/045/003, DOE/045/004

On June 27th 1977, the Flintkote Company submitted a Notice of Intention to Continue Mining Operations for their Dolomite and Flux Plant limestone quarries, including area maps indicating quarry locations and plant facilities. They did not submit Mining and Reclamation Plans on the premise that each of the operations disturbs less than two (2) acres annually.

The Division responded with a letter to Flintkote on July 1st 1977 accepting the exempt status until a field inspection could be performed.

A Division field inspection was performed on February 28th 1978 in the company of the Utah Operations Manager, Mr. Richard Johnston.

The Notice of Intention indicates 54 acres total disturbance for the Flux operation and 40 acres total disturbance for the Dolomite operation. However, Flintkote claims that the annual disturbance does not exceed one and one-half acres. This would be difficult to dispute without professional surveys being performed.

The operations are located approximately six miles northwest of Grantsville, Utah along the foothills of the Stansbury Mountains, and are visible from Interstate 80. Each operation entails an open quarry mining method with an on-site processing plant. The hillsides adjacent to the quarries support a big sagebrush vegetation association. The area surrounding the Flux Plant is more alkaline and supports a shadscale vegetation association. The Dolomite Plant is highly alkaline with practically no vegetation present.

The Dolomite quarry contains dolomitic limestone with a series of 40 foot high benches proceeding up the side of the hill. When the top of the hill is reached the work will proceed back down the hill. The ore is crushed and processed by the on-site plant which has a newly installed dry kiln and scrubber to control the emission of particulates. A dike enclosing an acrea of 10-20 acres is planned for construction in mid-1978 to contain waste water from the plant. Currently the small volume of waste water produced is channeled to an uncontained area and allowed to evaporate, leaving a lime residue on the surface.

The Flux Plant operation involves several high calcium limestone quarries with extremely steep highwalls. Flintkote indicated that this problem would probably be resolved when Portland Cement Company assumes ownership of the Flux Operation on January 1st 1979, and begins mining the limestone deposit within the interior of the hill.

The quarries have been in operation since the early 1900's and will most likely continue to operate for some time to come. Their location, in an area with relatively low levels of visual awareness and multiple use, favors their operation.

Recommendation: It is the Division's opinion that these operations remain exempt unless future activity or expansion occurs to warrant the submission of a full scale Mining and Reclamation Plan. The Boards concurrence in this decision is sought herewith.