UC 149-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT
UC-732

MINING AND METALS DIVISION • P. O. BOX 579, NIAGARA FALLS, NEW YORK 14302

To (Name) Mr. R. O. Marsten
Division UCC Mining & Metals
Location Box K
King City, CA 93930

Date November 21, 1973

Originating Dept. "Calidria" Asbestos

Answering letter date

Copy to Messrs. V. D. Holt
F. H. Larrison
O. J. Malacarne
W. C. Thurber ✓
File

Subject King City RG-244 Production
Sodium Silicate Usage

During my visit to King City in September, we discussed briefly the amount of sodium silicate used for the production of RG-244 versus that which is theoretically required. The data in the attached table tends to support your feelings that we are using somewhat more than would be expected.

The production and sodium silicate usage figures were obtained from George Vessels and Darryl Garcia and are probably fairly accurate. The two sets of "theoretical silicate requirements" were calculated on the basis of actual RG-244 (and SX-24) production and are in error to a certain degree. Sodium silicate is normally added at a rate of 0.35 pounds per pound of untreated asbestos. For convenience, I calculated the silicate requirements on the basis of "finished product" rather than untreated asbestos. Therefore, the true sodium silicate requirements should be 3-4% less than what is presented in the table. The 95% requirement figures are included as this is the amount that King City sometimes uses rather than the full amount.

G. L. Dickson

G. L. Dickson

GLD:cjb
Attachment

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TABLE I

SODIUM SILICATE USAGE VS. RG-244 PRODUCTION

Month	RG-244 Production* (lbs.)	Sodium Silicate Usage** (lbs.)	Theoretical Sodium Silicate Requirements (lbs.) 95%	100%
January	127,400	49,789	42,360	44,590
February	97,475	38,596	32,410	34,116
March	115,885	42,929	38,532	40,560
April	110,495	42,938	36,739	38,673
May	170,065	59,373	56,547	59,523
June	143,290	52,820	47,644	50,152
July	155,190	60,746	51,600	54,316
Total	919,800	347,191	305,832	321,930

* Includes SX-24.

** Based on END OF MONTH inventory and purchases.

G.L.Dickson
11/21/73