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(NRC PUBLIC DOCUMENT ROOM)  
LAW OFFICES

EDWARD J. McGRATH

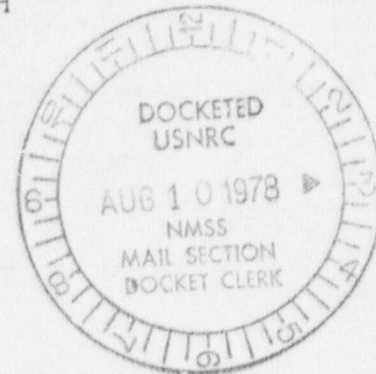
14<sup>TH</sup> FLOOR

51 MONROE STREET

ROCKVILLE, MARYLAND 20850

(301) 340-0600

August 1, 1978



Mr. Frank Lomax  
Nuclear Regulatory Commission  
7915 Eastern Avenue  
Silver Spring, Maryland 20910

Re: Cotter Corporation - Canon City Mill Project

Dear Mr. Lomax:

Enclosed pursuant to your request made at the July 12-13 meetings held in Canon City is a demography rose for the fifty mile area surrounding the Canon City Mill site which is designated No. 4 on your information list.

The rose was prepared by Barton-Aschman Associates, Inc., 820 Davis Street, Evanston, Illinois a subcontractor to NALCO Environmental Sciences which is responsible for the initial environmental report for the Canon City project.

The covering memorandum transmitting the demography rose to this office gives the following information with respect to data and methodology:

"The table shows the population within different distances (0-1 mile, 1-2 miles,...4-5 miles, 5-10 miles, 10-20 miles, ... 40-50 miles) and within different coordinates (N-NNE,...NNW-N). The combination of these two variables yield sectors which served as the basis for the population estimate.

The estimate was achieved by using the 1970 Census of the Population, Census County Divisions & Places, County Counts, and Census Tract information. The population counts within the county divisions, places and tracts were assigned to sectors based upon geographic considerations such as roadways, topography, and indications of settlements. Mapping was done on USGS 1:250,000 and 1:24,000 maps. In addition to these sources I consulted with the Colorado Division of Planning, Freemont County Sheriff, and the Denver Office of the Census."

We trust that this will be adequate for your purpose, but

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POOR QUALITY PAGES

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should you wish anything further please advise.

Sincerely yours,

A handwritten signature in dark ink, appearing to be 'EJ McGrath', with a long horizontal stroke extending to the right.

Edward J. McGrath

EJM:bmm

Enclosure

CC: Mr. Jack Rothfleisch  
Mr. James Montgomery

ESTIMATE OF 1970 POPULATION DISTRIBUTION WITHIN 50 MILE RADIUS OF THE SITE

SECTOR	DIRECTION	DISTANCE IN MILES									
		0-1	1-2	2-3	3-4	4-5	5-10	10-20	20-30	30-40	40-50
1	N-NNE	0	190	1,500	3,100	900	150	15	775	310	2,100
2	NNE-NE	0	80	1,200	230	120	50	0	310	175,430	6,000
3	NE-ENE	0	50	500	350	70	100	40	460	20,200	1,500
4	ENE-E	0	0	0	35	50	1,920	800	30	400	300
5	E-ESE	0	0	0	0	75	2,150	600	400	109,700	4,500
6	ESE-SE	0	0	0	0	359	225	70	300	700	250
7	SE-SSE	0	0	0	0	0	50	110	550	750	170
8	SSE-S	0	0	0	0	0	0	0	50	50	350
9	S-SSW	0	0	0	0	0	0	0	50	25	30
10	SSW-SW	0	0	0	0	0	0	30	370	65	10
11	SW-WSW	0	0	0	0	0	0	10	70	30	120
12	WSW-W	0	0	0	0	0	0	15	230	15	110
13	W-WNW	0	0	0	0	0	0	60	20	280	5,800
14	WNW-NW	0	0	0	0	0	25	10	10	15	25
15	NW-NNW	0	30	75	50	0	75	25	50	60	10
16	NNW-N	0	38	2,300	3,070	1,150	150	20	20	250	110



