PLAINTIFF'S EXHIBIT
GF-703

FORM 2513-6-60 PRINTED IN U.S.A.
INTEROFFICE CORRESPONDENCE
GAF Corporation

Tony — We must be setting up a priority list.
(4)
12/13/71

DATE December 8, 1971

TO Mr. C. Bien
LOCATION Linden

cc W. H. Page
L. Faneuf

FROM W. Fassuliotis
LOCATION NYO - Safety & Security

SUBJECT: DUST AND NOISE SURVEYS

Attached is a request for assistance from Wayne Page regarding dust and noise surveys for Denver, Erie Lake, Joliet and Kansas City plants.

Initial surveys of these locations appear in order to determine the extent of the problem and course of future action to effect remedial measures.

Your advice on scheduling these surveys would be appreciated.

WF:bg

W. Fassuliotis

P.S. (C. Bien only)
Vails Gate is proposing to institute a respirator program. What is the status of the J-M survey proposal? Would you also arrange for dust and noise surveys by your Dept. in the near future. Advise.

RECEIVED
DEC 9 1971
CHARLES F. BIEN
Manager EED

ØØ1EB

FORM 2518-B-68 PRINTED IN U.S.A.
INTEROFFICE CORRESPONDENCE
GAF Corporation

File
Hyde Park
12/5/69

DATE December 3, 1969

TO LOCATION Mr. S. I. Stempien

FROM LOCATION R.L. Myers

cc Mr. T.F. Gedettis
Mr. P.B. Dalton
Mr. C.F. Bien

SUBJECT:

I note your letter to Mr. Gedettis raising the question of participation in the U.S.D.H.S. survey of cadmium, nickel and asbestos emissions.

Based on the information available, and the certainty that the information provided would be used without interpretation, I would suggest that we do not furnish any data to Mr. Davis, nor would I suggest that he visit the Vermont asbestos facility.

R.L. Myers

RLM/sp

RECEIVED
DEC 5 1969
CHARLES F. BIEN
Manager EED

INTEROFFICE CORRESPONDENCE
GAF CORPORATION

12/8/69

DATE November 26, 1969

Mr. T. F. Cedettis
140 West 51st Street

S. J. Stempien
Corporate Environmental Engineering

Proposed Survey of Hyde Park
United States Department of
Public Health

Mr. C. F. Bien - Linden
Mr. R. Carter - New York
Mr. P. B. Dalton - New York
Mr. W. Darrell - New York
Mr. T. J. Freeman - New York
Mr. H. J. Holloway - Linden
Mr. H. B. Johnson - S.B.B.
Mr. H. F. Johnston - Bound Brook
Mr. I. E. Mathews - Hyde Park
Mr. H. Mesler - New York
Mr. D. L. Neil - New York
Mr. F. K. Sweeney - New York
Mr. F. E. Wetherill /EED Files - New York

We have received further correspondence from Mr. W. E. Davis of Davis and Associates, Leewood, Kansas concerning the U. S. Department of Health survey on emissions to the atmosphere, by regions, in the mining, manufacturing, use and disposal of cadmium, nickel and asbestos.

As we have suspected in our meeting with Davis, that any information given to Davis, could eventually become public knowledge, the forms that Davis sent us confirm this. What action is to be taken on this survey is now a management and legal decision. Corporate Environmental Engineering will be glad to give any assistance.

For your information Jack Holloway called Mr. E. Fenner at Johns-Manville concerning what their position is in reference to the survey. A copy of Mr. Holloway's memo dated November 15, 1969 to Mr. C. F. Bien is attached. Fenner would be willing to answer any questions we may have; however Fenner requested that the matter be kept confidential.

Davis is apparently getting in touch with other users of Asbestos. He has contacted Flint Kote and no doubt he will contact other GAF plants that are using asbestos.

S. J. Stempien

S. J. Stempien

SJS/tb

FORM A-10—11-68 PRINTED IN U.S.A.

INTEROFFICE CORRESPONDENCE

GAF Corporation

DATE November 5, 1969

TO Mr. C. F. Bien
LOCATION Linden

cc Mr. F. E. Wetherill/EED File THIS COPY FOR

FROM H. J. Holloway
LOCATION Linden

SUBJECT ASBESTOS EMISSION SURVEY

W. E. Davis and Associates, who are making a survey of asbestos usage and emissions, under the sponsorship of the Department of Health, Education and Welfare, have requested both GAF and Johns-Manville to supply them with information. Mr. Edmund M. Fenner, Director of Environmental Control for Johns-Manville, advises that his company will provide some, but not all, of the requested information. After consultation with his management and legal department, Mr. Fenner has decided to schedule a meeting with Davis and Associates, at which he will inform them verbally of the following:

1. Total usage of asbestos fiber throughout the Johns-Manville Corporation in 1968.

2. 1968 usage of asbestos fiber at one processing plant. This plant will be typical of 30 similar ones throughout the country. The particular plant will not be identified.

3. Stack emissions of asbestos particulates will be measured at the above plant, and the results reported.

The information will not be submitted in written form.

H. J. Holloway

jd

NOV 21 1969

W. E. DAVIS & ASSOCIATES
Engineers

9726 SAGAMORE ROAD
PHONE (913) NI 2-3921
P. O. BOX 6053
LEAWOOD, KANSAS 66206

October 16, 1969

Mr. Stanley J. Stempien
GAF Corporation
P. O. Box 12
Linden, New Jersey 07036

Subject: Atmospheric Emissions of
Cadmium, Nickel & Asbestos

Dear Mr. Stempien:

During our recent meeting in New York City, your Mr. Charles F. Bien requested that we obtain certain statements from the United States Public Health Service prior to your release of information concerning the GAF Corporation and its subsidiaries. The statements requested by Mr. Bien are on the enclosed form. We request you use this form to submit information to us.

Our scope of work is described in the enclosed copy of "Special Provisions" (Contract No. CPA 22-69-131). Please note that the information we are seeking is for the year 1968 and that our emissions estimates are to be reported on a geographical basis not on an individual plant basis.

Since we are not familiar with all of your companies activities, it is difficult for us to list specific questions; however, in general we need all the information listed on the enclosed form for each facility where cadmium, nickel, or astestos is mined, imported, exported, processed or reprocessed. In addition we would appreciate receiving your answer to the following question.

> Did the GAF Corporation or any of its subsidiaries during the year 1968 mine, import, process, purchase or sell cadmium, nickel or asbestos as a mineral, as a compound or in any product?

Please answer for year 1968 for any plant or facility owned or controlled by the GAF Corporation or any of its subsidiaries.

We would still appreciate receiving your permission to visit your Vermont asbestos facility.

Yours truly,

W. E. Davis

WED/bj
Encs.

C. F. Bien 12-9-69

Asbestos Survey

Spoke with Ed Fenner this morning. He has had one meeting with W.E. Davis, and Carl Spangler of H.E.W. was present. No information was passed at that meeting, but Davis and Spangler were told what J-M was willing to submit. They were not completely satisfied, but Spangler admitted that it (the survey) was on a voluntary basis, and they would try to make do with whatever they received.

Fenner says my letter of late of November 5, 1969 is still correct. They have tested emissions, but the results are suspect. I don't know if he intends to repeat. Their "typical" plant is a well-operated, average size facility. The information will be conveyed to Davis at another meeting in the near future.

J-M decided to offer the data to avoid possible false assumptions on the

part of Davis on H.E.W., and the subsequent publication of a misleading report, that might do disservice to the industry. Fenner says that grand asbestos usage figures are published by the Quebec Asbestos Mining Association, available to the public.)

J-M has had no feed-back from any company other than GAF. If GAF does offer any information, either, to avoid any hint of collusion, it should differ in scope and content from J-M's.

N.J.V.

INTEROFFICE CORRESPONDENCE
GAF Corporation

9/2/69

DATE August 29, 1969

TO Mr. T. F. Gedettis
140 East 51st Street

FROM S. J. Stempien
Corporate Environmental Engineering
Linden

SUBJECT Proposed Survey of Hyde Park
United States Department of
Public Health

CC Mr. C. F. Bien - Linden THIS COPY FOR
Mr. R. Carter - New York
Mr. P. B. Dalton - New York
Mr. W. Darrell - New York
Mr. T. J. Freeman - New York
Mr. H. J. Holloway - Linden
Mr. H. B. Johnson - S.B.B.
Mr. H. F. Johnston - Bound Brook
Mr. I. E. Mathews - Hyde Park
Mr. H. Mesler - New York
Mr. D. L. Neil - New York
Mr. F. E. Wetherill/FED Files - New York

With reference to your telephone call of August 14, concerning the verbal request of William F. Davis, of Davis and Associates, Lakewood, Kansas, to survey our Hyde Park plant, we have the following to report.

A meeting with Davis was arranged in New York City on August 19. Davis has been commissioned by the U. S. Department of Health to make a survey of the emissions to the atmosphere, by regions, in the mining, manufacturing use, and disposal of cadmium, nickel and asbestos. Pages 3 of 8 and 4 of 8 of the statement of work, covered by the commission, is attached for your information.

The information he requires for the report is tons of ore processed yearly, how much is lost to the atmosphere, type of dust control equipment, and disposal of the material, which takes in the products sold and to whom.

Mr. Davis was unable to answer how the information was to be used and for what specific purpose. We have the largest asbestos mining operation in the country and we wanted to know how GAF Corporation would be protected once the report was published and the information it contained possibly misinterpreted, resulting in unfavorable publicity to us.

The information Mr. Davis requested was not given and the visit to the Hyde Park plant was cancelled.

Mr. Davis agreed that our concern was valid and will confer with the Department of Health, to learn the intended use of the information, and if confidentiality can be assured.

We advised Mr. Davis to contact our office in the future and we will keep you informed on any further correspondence we have with him.

S. J. Stempien

jd

A. Statement of Work

The Contractor shall perform all of the work specified below for each of the pollutants, Cadmium, Nickel, and Asbestos. The Government shall furnish to the Contractor a basic background document outlining the major sources of these pollutants.

1. Develop for each an overall material flow chart of the total tonnage of products moving from sources of mining or importation (including any scrap feed back) through all processing and reprocessing steps to ultimate use and final disposition as far as the movements may be traced.

2. Identify all major potential emission source groups under the following six (6) categories:

   a. Mining
   b. Metallurgical Processing
   c. Other Basic Processing
   d. Reprocessing Operations
   e. Consumptive Uses
   f. Incineration or Other Disposal

NOTE: "Source groups," may mean, e.g., in metallurgical processing, cadmium separation from zinc. Reprocessing may mean electroplating of cadmium, the alloying of steel with nickel to make stainless steel, the formulating of fungicides with cadmium

compounds, the involvement of cadmium in the curing of rubber for tires, and the use of asbestos in the manufacture of building trades items. Consumptive uses may involve the wear of rubber tires releasing cadmium, the consumption of diesel fuels or engine lubricants containing cadmium, or the spreading of fungicides, insecticides, herbicides, or fertilizers that may contain cadmium. Any of the three pollutants may be emitted by incinerator operation or other disposal methods.

3. From the above developed information select those source groups that collectively account for at least 80 to 90 percent of the total emissions of each pollutant.

4. For each of the selected groups identify and quantitate the emissions of each of the pollutants by the following:

   a. Nationwide totals in tons per year.

   b. The number of plants with a regional breakdown.

   c. Delineate the physical and chemical form of the emissions for each source class, and if applicable indicate if changes on reactions may take place after emission.

   d. Provide particle size distribution of emissions if adequate information is available.

   e. Delineate the extent and efficiency of any emission control devices that are being used.

      NOTE: For all major source categories estimates are to be made even in the absence of sufficient data. In doing this the Contractor shall provide the degree of accuracy of the estimates as well as assumptions and methodology.

5. The Contractor shall arrive at a national emission estimate for each of the pollutants. These totals shall also be shown on a geographical basis (i.e., urban-rural, region of the country, etc.)

6. In the estimation of emissions paragraph 4, above, it may be necessary to develop emission factors by which to calculate total emissions. Wherever applicable, these emission factors should be defined and expressed in terms of mass or weight of pollutant generated per ton of product, or through put, or use. This may be done from test data or engineering calculations based on the best possible information available.

   NOTE: The quantitative data to be secured is to be for the calendar year of 1968, if possible; otherwise it is to be for the latest year for which complete data is available. No field sampling or lab testing is required for this study.

Mr. Jerome Eisen

Dear Mr Eisen:

Following our joint asbestos sampling program at the GAF LB plant you advised me of the results which you received from the NIOSH laboratory. Because they differed substantially from our own counts, I submitted slides prepared from the same millipore filters to our laboratory at Hyde Park, Vermont, and I sent the remaining filters, in their original cartridges, to Mr. Dement at the NIOSH Cincinnati laboratory. The results of these evaluations are tabulated here:

Sample ID	Calif. Health Dept.	GAF Linden Lab	GAF Hyde Park Lab	NIOSH Cincinnati
GAF 1	0.26	1.69	0.37	
2	1.1	0.26	0.14	
3	1.1	0.16	0.79	
4	5.1	0.60	0.47	0.20
5	4.8	0.08	0.36	0.23
6	0.9	—	—	—
7	5.6	1.3	1.76	0.41
8	6.4	1.9	2.73	0.59
9	1.7	1.1	1.17	0.38
10	6.2	1.9	1.51	1.15

	Nissh S.L.C.	Cincin NISSH	EED		HYDE PARK	-6G (8)		
SBB-1		0.45	0.52			.475		
SBB-2		5.92	8.37			7.145	+1..	
SL-41		0.70	0.52			0.61	-.09	-14.7
SL-42		0.80	0.42			.61	-.21	.34
WH-1		0.19	0.68			.435	+.54	7.8
WH-2		1.49						
GAF-4	5.1	0.20	0.60	.47	[illegible]	.4	+.2	50
GAF-5	4.8	0.23	0.08	.36	[illegible]	.155	-.04	-26
GAF-7	5.6	0.41	1.3	1.76	[illegible]	.855	+.65	76
GAF-8	6.9	0.59	1.9	2.73	[illegible]	1.24	+.66	53
GAF-9	1.7	0.38	1.1	1.17	[illegible]	.74	+.36	48
GAF-10	6.2	1.15	1.9	1.51	[illegible]	1.525	+.375	24.5
GAF-1	.26		0.69	.37				
GAF-2	1.1		0.26	.14				
GAF-3	1.1		0.16	.79				
A-10			2.29	4.60				
A-11			.33	0.69				
A-12			.90	1.43				
13			5.84	5.29				
14			.68	0.86				
15			1.26	2.47				
16			2.87	3.16				
17			1.28	1.95				
18			4.09	3.85				