

FILE NAME: WR Grace (WRG)

DATE: March 23, 1971

DOC#: WRG226

DOCUMENT DESCRIPTION: 1971 Baltimore County Building Code regarding disapproval of sprayed on fireproofing

BALTIMORE COUNTY BUILDING CODE

RULES AND REGULATIONS

(UNDER AUTHORITY OF SECTION 102.2)

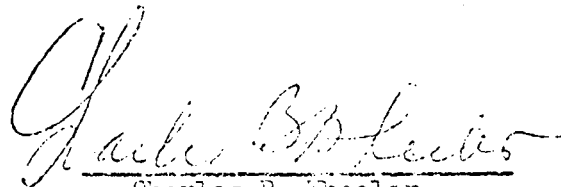
CODE MEMORANDUM NO. 136

March 23, 1971

SUBJECT: DISAPPROVAL OF SPRAYED ON FIRE PROOFING MATERIALS

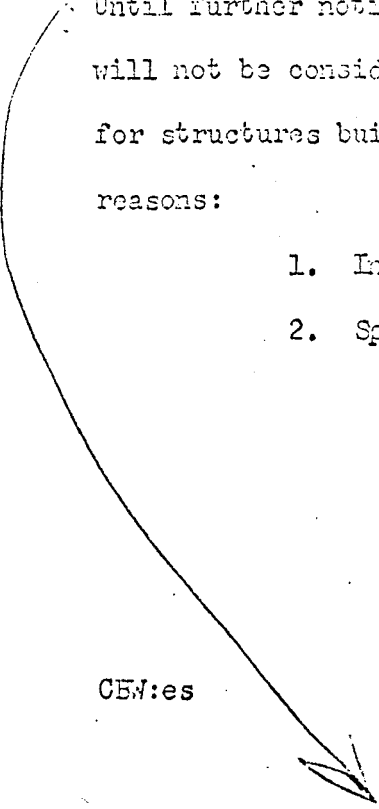
Until further notice, sprayed on fire proofing coatings will not be considered as adequate fire proofing protection for structures built in Baltimore County for the following reasons:

1. Incompleteness of cover
2. Spalling



Charles B. Wheeler
Buildings Engineer

CEW:es



See Attached Amendment

GENTLEMEN - we realize that this report deals with only one product of the several which are available. We can say only that we have reviewed it with Drs. Tabershaw and Cooper and we do not feel that we are contributing significant amounts of asbestos to the San Francisco environment. We intend to reduce the already low hazard of the directly involved workmen by using Bureau of Mines Approved Respirators and reducing nozzle velocities. We are certainly going to be more diligent in clean up and disposal procedures. Beyond that we do not honestly see that anything can be done to materially improve the situation short of asbestos elimination. We are working on this and will accomplish it.

We have tried to the best of our ability to give you truth and not fiction, facts and not supposition. If your deliberations indicate to you that this product needs further regulation during the interim period, we will cooperate in any way we can to assist in arriving at practical solutions.

Thank you sincerely for hearing our story. We appreciate your time and patience.

(equivalent to the breathing zone exposure of the hod-carriers; (C) upwind and downwind (approximately) of the stages, in the general area of the stages; (D) in the breathing zones of the mixer operators; (E) in the general area of the mixing operations; (F) one floor below the spray operations; and (G) in the general area of spray operations (Table II).

TABLE II
PG&E AIR SAMPLES

Sample Number	Area	Asbestos Fibers	
		Total f/ml	f/ml*(>5)
53 (A)	Spray operator's BZ	3.32	2.91
1 (A)	" " "	3.15	2.64
55 (B)	BZ of investigator, close to spray stage, walking with hod-carrier	0.16	0.14
2 (C)	Area, $\pm$ 40 feet upwind of single stage (air flow variable)	0.13	0.11
3 (C)	Area, $\pm$ 40 feet downwind of stage (air flow variable)	0.25	0.23
60 (D)	Mixing operator's BZ (wind away from)	0.50	0.42
52 (D)	Mixing operator's BZ (wind toward)	1.42	1.25
59 (E)	Mixing area (between two mixing operators)	1.09	0.98
61 (E)	Mixing area (between two mixing operators)	1.34	1.14
2147 (F)	Background, 1 floor below spray operations, most air flow not through the building to filter, but variable.	0.014	0.011
4 (G)	Area, between two stages (current to pump cut off at variable times, total flow through filter uncertain)	0.038	0.036
5 (G)	Area, $\pm$ 30 feet from stages (2)	0.071	0.061
2149 (G)	Area, $\pm$ 35 feet from stage, (air flow in area uncertain and variable)	0.36	0.34

*Present occupational threshold limit value of 5 f/ml is based on fibers greater than 5 micrometers in length.