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Response to Request for Information

BALDWIN-EHRET-HILL, TRENTON, N.J.INTER-OFFICE CORRESPONDENCE

To: Mr. E. R. Thompson

Re: Spray Wool

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 DISTRICT NO. 622 OF THE INDEPENDENT SCHOOL
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 THE PROTECTIVE ORDER ENTERED IN THE
 CASE ENTITLED IN RE STATE AND REGENTS BUILDING
 ASBESTOS CASES, FILE NO 99081 AND 99082 ON
 NOVEMBER 5, 1986.

In answer to your recent request for more information concerning
 spray wool, we are summarizing briefly the materials used and
 probable mixing procedures.

BEH's spray wool will be formulated approximately as follows:

MaterialsPercent by Weight

→ Granulated mineral wool
 { 5R Asbestos
 Bentonite Clay
 Sodium Nitrite — *POWDER*
 Oil — *SPRAY*

70 ✓
 22 ✓
 5 ✓
 1 ✓
 2 ✓

It is possible that in addition to the above ingredients, two
 or three percent of Portland cement might also be used.

The exact mixing procedure has not been finalized, however it
 is definitely indicated it might be desirable to blow mineral wool
 and the asbestos together. This gives an intimate mix and makes
 the product have improved texture after spraying. After these
 materials are blown together the balance of the materials would
 be added and mixed in a rotating mixer similar to that used in
 making finishing and insulating cements. Since the expected vol-
 ume is considerable, it is probably advisable to mix on a con-
 tinuous basis rather than by batches.

We are experimenting using air to mix all the ingredients together
 at the same time. It is expected that the choice between the
 two methods of mixing will be made before the end of next week
 after further work.

In developing equipment for mixing spray wool it is very important
 to keep in mind that asbestos dust would have to be prevented from
 flying in the air since it is very dangerous to health of any
 operating personnel. Asbestos fiber and dust causes silicosis and
 every precaution must be taken to prevent the material from getting
 in the air.

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E. B. McBride I 0348755
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