PLAINTIFF'S EXHIBIT

UC-4961

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Georgia-Pacific

intracompany memo

to Mr.E.B.Hollingsworth

from C.A.Speer

subject Asbestos-free Ready-mix

location Wilmington

location Marietta

date 5/20/77

No major problems have been encountered in regard to our Asbestos-free production. All quality tests have been satisfactory. However, we find that the Asbestos-free is requiring more mixing time than the Asbestos formula, and subsequently,our production rate has dropped about ten batches a day(five pr shift). The Asbestos-free requires a entirely different mixing cycle. Water,Elvace, Kalco and filler is added to the mixer. The filler is mixed until it is lump-free. At this time,Acrysol(a liquid thickner) is added to the blended filler, and mixed until it reaches the pumping viscosity of 420 ± 20pts.

Retain samples indicate a viscosity rise of 120pts -160pts after 24 hrs. We have experienced some problems regarding a humid bond. Bond tests indicate about 40% fiber tear at 12% moisture(readings were taken with a model M-10 moisture register). However,at this level(12%) a 100% tear is noted with our old Asbestos formula. Even at a 7% level(considered dry) the asbestos-free does not yield as strong a bond as the Asbestos formula. Subsequently, we have raised our Elvace leading to 1.3lbs(formula usage) = 1.2lbs pr batch to insure a satisfactory bond.

We have yet to hear any field reports concerning its market acceptance. At such time any information is received you will be advised.

C.A.S.

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cc:Mr.A.J.Petraline-Wilmington
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