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May 12, 1973

PLAINTIFF'S EXHIBIT GP 23

Georgia-Pacific Corp.
P. O. Box 311
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Attn: Geo. Turner, Proj. Engr.

Bag Slitter Dust System
Akron, N.Y. Plant

Dear George:

I have been proceeding with the engineering on the Bag Slitter System at the Akron Plant in accordance with your instructions as passed on to me by John Russell of H.J. Otten Co. John and I visited the plant on Thursday, the 10th, so that we could picture the changes together.

As a result of my visit again yesterday I have come to a decision that the Wheelabrator Dust Collector is too small, and that a new collector will be required. Both John Russell and Bill Hammer are aware of my decision and will receive a copy of this letter in Monday's mail. This may very well come as a surprise to you, which is why I wanted you to know about it at the earliest possible moment.

On Thursday John and I were in quite a long conversation with Bill Hammer at which time I pointed out that a new and larger fan would result in going from a 15HP motor to a fifty. We made a determined effort to use the Wheelabrator, and it was not until yesterday that I had ruled out the [illegible] from my mind.

Yesterday Bill and I observed the operation at the Bag Slitter hopper, watching particularly for the movements of the men dumping bags. Bill had to leave for other duties but I remained to talk with the operators. When I left the plant I was firm in my mind that these men cannot use a double hopper as I sketched a while ago. You have a copy of that sketch.

On the wall side of the hopper there are [illegible] bins from which ingredients are weighed. These ingredients are dumped into the hopper from that side, making it impossible to close that side exceptafor about 30" of hopper length. The wall side which is now closed will remain closed. The operators must be open as there are generally three or four pallets of various materials in bags of various weights. It would be unthinkable to require these operators to travel greater distances than they now do. Unless this entire side remains open, there is no alternative but more travel, which would eventually result in some kind of a grievance. The end at which the slitter bag is located, must remain open. This adds up to close to 60 square feet of face area for which the Div. of Hygiene requires a velocity of 200 feet per minute. This hood alone will require nearly twelve thousand CFM demand on the system which now has a maximum of 9350.

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There are and will be at least eight branches off this duct, some of which will require additional air beyond the present flow, because we found leaks in the system and fall-out in the main duct. Progress is not far enough along yet to determine new duct sizes and air requirements, but these are predictions.

The largest duct in the present Wheelabrator system is 21" diameter. The new one is likely to be about 30". The dust collector anticipated will be at least as large as the one now being installed on the Rock Dryer System. How the caught dust will be disposed of has not yet been discussed, but likely it will drop into an generally air-tight closure from which it can be periodically taken away by payloader. The fan, it is hoped, will be the same as now used on the Rock Dryer System with a speed change to suit conditions.

I discussed with Bill Hammer the possibility of locating the collector at the West end of the Joint Cement Building in such a [illegible] as to not obstruct the power pole nor the hose house and personnel door near the North corner. The collector likely will be the same type and use the same size bags as used in the Rock Dryer System, but possibly have a greater cloth area. Everything now points in that direction.

One of the operators pointed out that a dust condition now prevails at the baling press where empty bags are baled, and also at the series of bins next to the wall. Even tho no actual hoods are provided at these points, wisdom seems to indicate making provision for future additions. The number of branches there could eventually be on this new system kind of makes me shudder as I try to observe the practice of not allowing any more than six branches on any one system.

I will have to assume that unless you contact John or Bill immediately following receipt of this letter, so they can notify me, you will be in agreement that I am proceeding in a way satisfactory to your company. Unless I hear some word I will be proceeding as described, eventually reaching a point where John can quote you, and your company can make application for approval of the design.

I regret that you cannot be on the spot as these things arise, and to walk thru some of the areas which are ankle-deep in dust from leakages here and there, but Bill has been helpful and can help you picture the situation.

With kindest regards,

Cordially yours,

Earland E. Harvey, P.E.

Copy to:
John Russell
Bill Hammer

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