

I N T E R O F F I C E M E M O R A N D U M

Date: 28-Oct-1994 09:45am GMT
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Subject: B-P SYSTEM PLANS @ TOBACCOVILLE

Engineering met yesterday to identify steps toward resolving the design related issues remaining in the By-Products material handling systems at Tobaccoville.

1. Receiving Flow Rate

*The second receiving feeder doffer arrangement will be modified the weekend of 11/12.

*The infeed duct will be modified to direct conditioned air from above the conveyor discharge to the open end of the existing "T", probably the weekend of 11/5.

*Engineering will support Process Control in activating the automatic feeder apron control. Chris Hemric feels the PE's at the trailer end may have to be relocated.

2. Receiving Material Residues

*Bud Lewis will talk to Griffin about their experience with putting a belt-type material around the feeder apron to prevent material sifting out. If this appears feasible we will proceed. A second option is to suction material from under the top slats and blow it into the infeed duct system.

*We have been evaluating options for cleaning out the material left in the trailer after unloading, particularly a moving bulkhead suspended from tracks in the trailer that would move with the load. The consensus is that this would cause more operating difficulties than it would help. We can meet with Safety and determine proper procedures for continuing to manually sweep out the material and provide a squeegee type device that will make this easier.

3. Carryover To The Dust Collector

*There is a restriction in the transition to the tangential separator that will be removed to slow air velocity at entry, weekend of 11/5.

*The seals in the tangential air lock will be replaced with stiffer material to reduce leakage, weekend of 11/5.

*The walls of the tangential will be stiffened.

*The blade size of the choke detector will be reduced to minimize airflow disruption.

*A static sensor will be installed in the duct after the dust collector to modulate the air fan inlet dampers so that airflow can be minimized for the load. P&ID's are being prepared for review with the plant.

*Bud Lewis will talk to Cardwell about replacing the rosebud diffuser in the tangential with a rotating screen or other device to reduce carryover.

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*I will get samples of the dust collector material screened to determine how much is good material as potential justification for any major changes.

4. CRES Discharge

*The new airlock on line 3 has been run in production at over 5000#/hr. If it operates well at the desired maximum flow rate, the other lines will be changed as appropriate. We will discuss whether line 4 needs to be changed, since it is capable of handling its maximum now.

Please let me know if there are any questions or comments.