

Q. "Let's return to specifics. Bark is best dealt with at the Balakhnin Pulp-and-Paper Combine where wood is debarked using the dry method and waste materials containing bark are eliminated."

A. "The dry method of debarking should be introduced everywhere. There has been no doubt about this for a long time. However, the transition to dry processes in the pulp-and-paper industry is very slow despite the fact that they confer important techno-economic benefits.

There has been a lot of work done on active sludge, too. It is valuable as fertilizer and in other capacities. Not all of the necessary administrative and technological measures have been taken, however, and some questions have not been solved by science. That is why we discussed these matters with scientists working in the field and came to the conclusion that a single program had to be developed to solve the problems involved in fully using raw wood materials.

Among the new approaches which should be utilized to implement such a program in the industry are the use of membrane technology, ion-exchange processes, absorbent methods that help prevent pollution, and the intensification of technological processes using flocculents, coagulants, and process activators, both in the main production cycle and in the treatment of effluents."

Q. "Dr. Laskorin, what is the best type of treatment facility, in your opinion?"

A. "The best are the closed water-circulation systems. Local purification processes and effluent differentiation should therefore be more widely