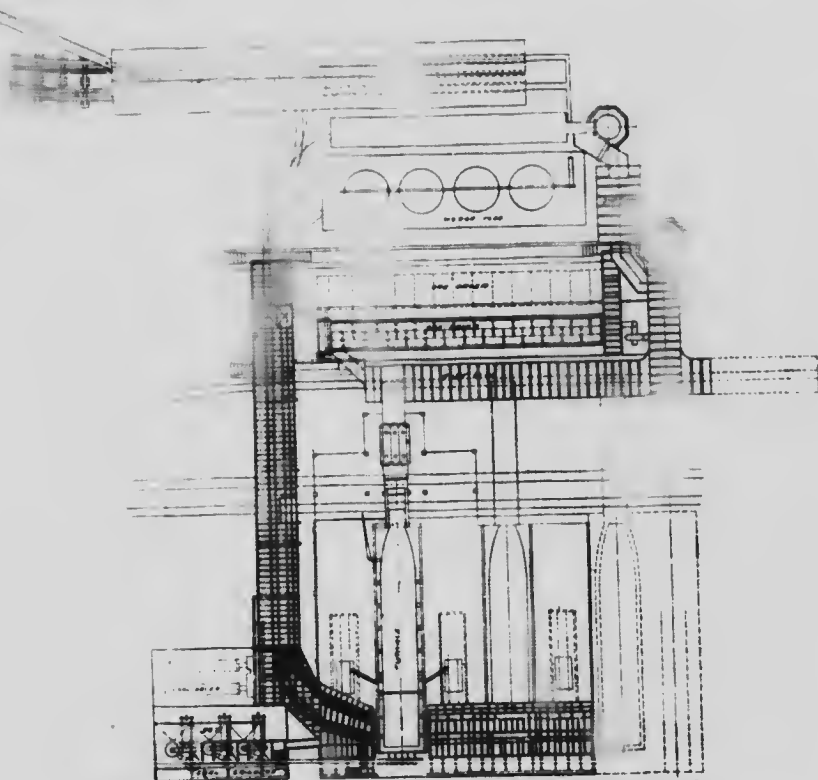


THE INTERNATIONAL NICKEL COMPANY OF CANADA, LTD.

Over a period of 21 months the average of 100 dump samples showed only a difference of 0.008 per cent Cu.Ni from the ladle samples.

In cases where the converter slag is required as a basic flux in the furnace, the saving may not be so pronounced as in this plant, where the tendency is to the use of a silicious flux rather than a basic one. The amount of slag poured into a settler is approximately equal in volume to the matte tapped from it.

An attempt is made to pour in the slag just after tapping. It is also poured as slowly as possible. A too rapid overflow into the furnace slag pot is prevented by damming the slag chute for a time.



REVERBERATORY DEPARTMENT GEN. PLAN

Figure 20.