

November 5, 1971

TO: S. M. Lillis
FROM: C. I. Hayden

SUBJECT: PLANT EQUIPMENT

re: Relocation of Oil Seal Equipment

As agreed, we have placed samples of several materials in Plant 3, in the area of the equipment involved. The reason was to determine if the die lubricant mist had a deleterious effect on the materials. We find no measurable effect on the properties of the asbestos materials (VICTOCOR 150 facing, ASBESTOPRENE 233, BT board, millboard) and precemented steel or the adhesion characteristics of the precemented core. The die lubricant mist should cause no problem to the materials.

However, we should give serious thought to the working conditions present. The noise level has caused physical pain in two of our Materials Engineering staff. A brief discussion with Allan Dieter revealed this reaction indicates a noise level of 140 db. The second factor to be considered again is the die lubricant mist. This represents a potential health hazard, and as soon as we identify the chemical composition, we will offer a further comment on this. It must be remembered that this mist is being inhaled by our employees, and we should consider the possible consequences.

Materials Engineering

C. I. Hayden

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VPD-189-0000975