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July 19, 1977

7-9 Grum
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| I.D.B. |
| A.H.C. |
| P.S.C. |
| W.J. |
| D.A.L. |
| S.P. |
| M.D.R. |
| J.B.S. |
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MEMO TO: Mr. M. D. Rowswell ✓
 FROM: R. L. Coleman
 SUBJECT: Grum Project

cc: J.K. Carrington
 B.P. Wallace
 K.V. Konigsmann

Since the Lakefield pilot plant tests will start up on October 3 with two weeks preparatory work ahead of that date and there are desires to commence construction in the spring of 1978 if the project proceeds, we believe that it will soon be necessary to arrange a meeting to discuss terms of reference and project guidelines.

The bench scale testing results will be the basis for the pilot plant initial flowsheets. Although it is to be expected that some flowsheet revisions and reagent alterations will prove to be necessary, it would be possible to commence plans for process layouts, equipment choices, space requirements, concepts, etc. about the same time as the pilot plant runs start. Then when the results of the Lakefield work are available, engineering designs could proceed at a faster pace.

Preliminary layouts for developing concepts, cost estimates, equipment, etc. will take time on the part of Kerr Addison and Noranda personnel although possibly not much time in the way of a commercial engineering firm to start with except as draftsmen or layout men will be required. While these studies are proceeding, answers to the questions which will arise such as who will be assigned or chosen for the representatives, which firm will do the engineering, where will the engineering be done, what guidelines will be set, what timing is proposed, etc. should be established so that there will be a minimum of delay should the development proceed.

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Most of us have busy schedules and, therefore, the early scheduling of a meeting sometime in August or September would help us all to plan to attend. At the present time, I personally can see free time ahead during the week of 15-19 August and in September. As you know, Klaus and I believe a visit to the property during the early part of the week of 19 September would suit our purposes and if we are to be involved in design would be a prerequisite to good design. Therefore, a meeting should be scheduled prior to September 16 so that the key personnel may be chosen and positive action commence.

RLC/dhg

Dick