Telegram: NATPHYLAB Phone: 587857



Hydrostatic Extrusion & Material Synthesis Pilot Plant NATIONAL PHYSICAL LABORATORY

Hillside Road, NEW DELHI-110012.

Dr. B. K. Agarwala Project Coordinator

Ref. No. AM/SD/30/76

Date July 1, 1976

Dear Prof. Tracy Hall,

Since your departure in early November we have been using the 200-ton press for the synthesis of single crystal diamond using different temperature-pressure conditions and different cell compositions. We have now exhausted all the graphite discs that you have supplied us and are keen to get more graphite from United States. The graphite that you sent us appears to be of very good quality. Since it has given us consistently good results we do not want to try any other graphite and want to keep this quality for all our future experiments. The purchase will be much easier if you could kindly agree to give us a copy of the order that you have placed for this graphite with Union Carbide, the firm from whom you perhaps purchased the graphite rods. I consider a copy of the order placed by you to be of significance since I could then request the firm to look back to their old files and supply us the same materials. This will make sure that no mistakes are committed since to get an import licence and import material is a long drawn process in this country. If a material is wrongly purchased once, it becomes extremely difficult to purchase it again. I shall be very much grateful if you could kindly agree to do this.

In a recent letter from Dr. Fuchs, he has written to me that you have agreed to get the 2 heat control units repaired and these may be sent to you. I am making one more attempt to see whether something about them could be done here. This exercise will take about one month. If we still do not succeed we shall send the 2 units to you through the United Nations requesting you to do the needful.

I would be coming to the United States in the second week of August and would then telephone to you from Rome.

The graphite information is rather urgent and a quick reply will assist us.

With kind regards,

Yours sincerely,

(B.K. Agarwala)

Prof. H. Tracy Hall, P.O. Box 7533, University Station, Provo, Utah 84601, (U.S.A.)

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