

Sree Ramajayam

9 August 1955

My dear Sir,

I hope you have had a very pleasant flight and that you must be very busy there. I am enclosing the following important papers:

- (1) letter from Dr L Marton of National Bureau of Standards inviting you to the International Conference on Electron Physics to be held in Maryland from Apr 23-25 1956. We have sent an interm reply to him saying that you are in Geneva and that a copy of his letter has been sent to you
- (2) letter from Judith Grenville Wells, Hon Secy, International Union of Crystallography, commission on crystallographic teaching, University College Chemistry Dept, London, inviting you to lecture on crystal physics at their meeting in Spain next Easter on April 6, 1956 An interm reply has been sent to her
- (3) Letter from Nicolet re: cosmic ray conference of IUPAP jointly with CSAGI on Sept 14 at Guanajuato, Mexico Probably you are aware of this. A copy of this letter has been sent to Vikram, with reference to 'X' of the letter. Also a copy of the draft resolution of Indian National Committee for IGY sent by Vikram to our last meeting of IGY has been sent to Nicolet with refernece to his letter
- (4) Letter from Professor S Flugge in reply to yours of July 15 re: the encyclopedia of Physics. I am not sending the enclosures referred to ~~M~~ in his letter You may like either to contact him or write to him from there

(5) Dr S. Millman, Director of Physical Research, Bell Telephone Laboratories, Murray Hill, New Jersey has sent you the following, with a covering letter a copy of which is enclosed;

(a) Alexander Graham Bell; the inscription on last page reads:

'Don't keep forever on the public road, going only where others have gone. Leave the beaten track occasionally and dive into the woods. You will be certain to find something you have never seen before. Of course, it will be a little thing, but do not ignore it. Follow it up, explore all around it; one discovery will lead to another, and before you know it you will have something worth thinking about to occupy your mind. All really big discoveries are the results of thought"

(b) Ultrasonic attenuation due to lattice electron interaction in Normal Conducting Metals - W.P. Mason  
Physical review vol 97, no. 2, pp. 557-558, Jan 15, 1955

(c) Ultrasonic attenuation in superconducting lead  
H.E. Bommel, Physical Review vol 96, no. 1, 220-221  
Oct 1, 1954

- (d) Structure of the intermediate state in superconductor  
A.L.Schawlow, B.T.Mathias, H.W.Lewis & G.E.Devlin  
Physical Review, vol.95, No.5, 1344-1345 Sep 1, 1954
- (e) Superconducting alloys - B.T.Matthias & E.Corenzwit  
Physical Review, vol.94, No.4, 1069, May 15, 1954
- (f) A search for New Superconducting Compounds  
B.T.Matthias & J.K.Hulm  
Physical Review, vol.87, No.5, 799-806, Sep 1, 1952
- (g) Superconducting properties of Cobalt disilicide  
B.T.Matthias & J.K.Hulm  
Physical Review, vol.89, no.2, 439-441, Jan 15, 1953
- (h) Superconductivity of Nb<sub>3</sub>Sn  
B.T.Matthias, T.H.Geballe, S.Geller & E.Corenzwit  
Physical Review, vol.95, No. 6, 1435, Sep 15, 1954
- (i) Transition temperatures of superconductors  
B.T.Matthias, The Physical Review, vol.92, no.4,  
874-876, Nov 15, 1953
- (j) Purification of Antimony and tin by a new method of  
zone refining - M.Tanenbaum, A.J.Goss, W.G.Pfann  
Journal of Metals, 762, June 1954
- (k) Continuous multistage separation by zone melting  
W.G.Pfann  
Transactions AIME Feb 1955, Journal of Metals - 297
- (l) Zone melting - W.G.Pfann and K.M.Olsen  
To be published in Bell Laboratories Record
- (m) Principles of zone melting - W.G.Pfann  
Bell telephone system technical publications  
monograph 2000

- (n) Redistribution of solutes by formation & solidification of a molten zone - W.G.Pfann Bell Telephone monograph 2290
- (o) Hydrothermal growth of quartz crystals A.C.Walker Bell telephone system tech pub monograph 2298
- (p) Hydrothermal synthesis of quartz crystals - A.C.Walker Bell Telephone monograph 2146
- (q) Growing large quartz crystals - Walker A.C. & E.Buehler Bell Telephone monograph 1760
- (r) Growing piezoelectric crystals - A.C.Walker Bell Telephone monograph 1831
- (s) Method of growing barium titanate single crystals Remeika J.P. - monograph 2247
- (t) Motion of individual domain walls in a nickel-iron ferrite - J.K.Galt Monograph 2319
- (u) Temperature dependence of ferromagnetic resonance line width in a nickel-iron ferrite: a new loss mechanism J.K.Galt, W.A.Yager, F.R.Merritt

I hope what little I have done will be of some use to you

That is all for the present.

With pranams

yours affectionately

*Ramachandran*

P.S.

Prem Prakash wants to know as to how he should send the rain water collected in those bottles to Harrison Brown. Brown's letter is with you; you may perhaps like to reply him (Brown)  
Varma says that you wanted him to test or analyse some rare earths lying with you. May I know what it is ? because Varma asks me for the substance

16 Aug 1955

My dear Sir,

I hope you received my last letter of August 9. Here are a few more important papers which I thought, I should bring to your kind attention. I refer only such of the relevant and important matters to you and also those which I think cannot wait till you return.

(1) Dr Akshayananda Bose of the Indian Association for the Cultivation of Science, Calcutta, has given your name as referee in applying for one of the Royal Society and Nuffield Foundation Commonwealth Bursaries Scheme. Dr D.<sup>U</sup>.Martin of the Royal Society requests you in his letter to let him have in confidence your opinion of Bose's suitability for the award of Bursary ( I don't find mentioned anywhere the date by which one has to send one's recommendation about the candidate for the award). I am enclosing copies of particulars of the bursary and also of Bose for your kind information. You may kindly write direct to Dr Martin

(2) letter from Dr W.A.Wooster about S.C.Prasad who worked under him (and who will be awarded PhD in October) for a suitable opportunity for doing research work. You may probably like to ~~(3)~~ speak about him to some of your Indian colleagues there

(3) Bharat Electronics circulates a note to the Board of Directors regarding appointment of auditors for them and requesting them to let them know their choice by August 22

(4) Letter from P.R.Sahu re: Theoretical + App. Mech. Congress.  
~~(4)~~ Ambi asked me to remind you about Babu's watch and Viji's gliders

All well at home.. With respectful namaskarams

yours affectionately

Ramachandran

5 September 1955

My dear Sir,

The second batch of your kind letter of August 30 sent from Geneva reached me on Saturday the 3rd Sept. The enclosures to your letter have been sent to Professor Thacker, Jain and Bandyopadhyay.

1) NRSR informs us that they have made arrangements for drawing your August salary in England

2) Office has sent the incometax returns to the incometax office. Their information is awaited for making payment

3) For your kind information:

committee of Board of Scientific & Industrial research meets on 28th Sept 1955 at 10 hrs in CSIR conf.room

Board of Sc and Ind Res meets on 29th Sep 1955 at 09-00 hrs: the place of this meeting will be intimated later

Ind Inst Sc Bangalore Council has nominated (& CSIR has approved of the nomination) you as a member of the Slection Committee for the post of Director of the Institute. The Committee is Prof Kabir, Sir Chandavarkar, member of AllIndia\* Council for Technical Education, Dr Ukil, Sir K.S. and A.G.Pai (Secretary). The date on which Selection Committee will meet is not know (probably is that the meeting you refer to in your letter for which Sir Vithal has invited you to Bombay on your return to India?)

\*Dr S.R  
Sengupta

P.T.O

- (4) Board of Director, BEL, meets on 29th Sept at Bangalore. Meeting of shareholders of BEL will be on October 18, 1955 at Delhi.

Ghosh's letter is enclosed.

*We have already informed Ghosh (sometime back) about your programme*

- (5) Atira council meets on October 22, 1955 at 9.00 hrs (only for information: there is plenty of time)

- (6) Copy of letter from Inst of Nuclear Physics Calcutta to all members of Governing Body for opinion of members re: extension of tenure of office of Prof Nagchoudhri as Offg Director in the absence abroad of Prof Sahay

- (7) Dr Herbays of URSI from 42 Rue des Minimes Brussels sends his personal wishes and sincere congratulations to you for your being unanimously elected Vice President of ICSU

- (8) B.K.Vaidya of Atira writes that Dr Joel Lindberg Director of Research, Inst for Applied Textile Research, Gothenburg, Sweden will be visiting NPL sometime 3rd week of Sep (I/ on his way back from Australia. You will be here to receive him. I have sent an intern reply to Vaidya

- (9) On Aug 31 in the conference room of NPL was held the meeting of directors of laboratories of CSIR Prof Thacker, DSIR, presided.

- (10) on 3rd (Sept) Saturday there was a telephone from R.K.Ramadhyan, (NRSR Secretary) His secretary rang up. ICS saying that Ramadhyan wanted to speak to you. I informed him that you will be back on 21st instant. As you may probably know Hon Malviyaji, other geologists, Dr Ramachandra

Rao left Delhi for UK, and other European countries on 4th Sept. Probably you may be able to meet them

11) Poncaires works have not yet been received.

As you know they were 'shortlanded' and the agent and consigner have been contacted and the matter is being ~~pursued~~ <sup>dealt with</sup> by Dr Mathur's section. I have told Dr Mathur too about this and he said he would pursue ~~it~~ the case

I hope you received my third batch of letters sent on 29th or 30th Aug 55. I am very reluctant to send such bulky sheafs of letters when you are so busy, & so I am sending only the "musts". There is <sup>big</sup> a pile awaiting your kind ~~and~~ early return.

Hoping to see you ~~be~~ very soon. and with respectful regards

Yours affectionately  
Ramachandran

4

Bharat Electronics Ltd  
Bangalore, Sep 1, 1955

Dear Sir,

Under Article 41 of the Articles of Association of Bharat Electronics Ltd a general meeting of the Company must be held within 18 months from the date of its incorporation, that is to say, on or before 21-10-1955; and the time and place of the meeting is to be determined by the Directors. At this meeting the balance sheet, the profit and loss account and the auditor's report are to be placed before the share holders.

It is expected that the auditors report will be ready by the middle of this month. It is therefore proposed to hold a meeting of the Board of Directors at Bangalore on the 29th of this month ( to fit in with the meeting of the Directors of Hindustan Aircraft Ltd and provided the Chairman and Sri Dayal return from Europe in time). The balance sheet, profit and loss account and auditor's report will, after approval by the Directors, be circulated to the shareholders. It is suggested that the meeting of the share holders be held on 18-10-1955 at Delhi, since all the share holders are in Delhi. Your approval of the above proposals is requested as early as possible.

Yours faithfully

signed A.K.GHOSH

(6)

Institute of Nuclear Physics, Calcutta  
31 August 1955

To all members of the Governing Body

Dear Sir,

I beg to bring to your kind notice the following facts:  
Prof M.N.Saha, Hon Director of the Institute of Nuclear Physics,  
applied for leave for 3 months from 13-6-1955.

The then Vice Chancellor of the Calcutta University  
sanctioned his leave subject to the approval of the Governing Body  
and nominated Prof B.D.Nag Chaudhuri, Palit Professor of Physics,  
Calcutta University and Head of the Accelerator Division of the  
Institute of Nuclear Physics to act as Officiating Director for  
that period i.e. upto 12-9-1955.

Prof Saha has applied for extension of his leave by  
another 3 months

The Chairman of the Governing Body has recommended this  
and the extension of the tenure of office of Prof Nag Chaudhuri as  
the officiating Director by another 3 months

I am giving below Rule 10 of the Inst of Nuclear Physics  
which is related to the "appointment of Officiating or Temporary  
Director"

" In the case of a temporary vacancy in the post of the Director,  
the Vice Chancellor shall nominate one of the senior officers  
of the Institute of Nuclear Physics to be the officiating Director  
for a period of 3 months, and shall report the matter to the Govern  
ing Body for confirmation or extension of the period. In case of  
a vacancy likely to extend for over 6 months, a meeting of the Gov.  
Body should be convened for the appointment of a Temporary Director"

I have been directed by the Chairman to circulate to the members  
of the Governing Body for confirmation of the action of the Chairman  
in sanctioning the leave of Prof M.N.Saha and appointing Prof Nag  
Chaudhuri as the Offg Director for 3 months from 13.6.1955 in the  
first instance, and also for extension of the period by 3 months  
i.e. upto 12.12.55, the date on which Prof Saha is expected to rejoin,  
to elicit the opinion of the members of the Governing Body.

I have been further directed by the Chairman to request you to

Institute of Nuclear Physics, Calcutta  
31 August 1955

To all members of the Governing Body

send your reply in the matter so as to reach this office before 10  
September 1955, If no reply is received upto that time, it will  
be presumed that you agree to the Chairman's proposals.

Thanking you

yours faithfully

Secretary to Gov Body

Chairman Prof N.K.Siddhanta  
Offg Director Prof B.D.Nag Chaudhuri  
Members: Prof M.N.Saha, Prof S.K.Mitra, Dr B.C.Roy, Sir K.S.  
Sri N.K.Dravid, Sri S.Natarajan, Prof S.R.SenGupta  
Prof P.S.Gill

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to elicit the opinion of the members of the Governing Body.  
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S. Prasad

28 August 1955

My dear Sir,

Mr Chatterjee, Dy Secy, Ext Affairs Min, returned to Delhi midnight of 24th inst or early hours of 25th and I received on 25th evening from his PA the kind letter of Aug 23 which you sent through him. I have noted your programme and have informed Ambi and Dr Mathur about it.

(1) I spoke to Dr Mathur about Govind Swarup. He said it was too late to make 325 to Rs 350 and added that he would be writing to you about this.

(2) Prem Parkash has been informed to keep the samples of rainwater till Brown's next visit to Delhi

(3) I have personally handed over the letter intended for R.Narayanaswami Iyer He has noted your Moscow address and said that he would be writing to you He said that the successor has been already nominated and that the successor is prepared with all formalities completed to leave India

(4) Sharma has not yet sent the incometax return to the incometax office.

I have made provision to make the payment in case it is to be done before your return. I am pursuing the case

(5) NRSR (Zinjani and Gupta) said that they are sending the LPC etc (for your getting August pay) to the Hingh Commissioner in England for payment being made in London

(6) The lists of books have been handed over to librarian

(Speaking of librarian, I beg your permission to bring the following to

your kind notice:- The office (i.e. D.D., Sheel and A.O are going ahead ~~and he still has a lien on it~~ with the appointment of a librarian, /the post of which was advertised in papers. This is librarian Sharma's original post, /which was held in abeyance.

It appears to me, from the rate at which things move, that the appointment may be made before your return. Librarian Sharma has not at all been consulted about this at any stage, though curiously enough, the one who may be recruited the and/other junior librarians already working in library, are supposed to work under Sharma. Since you have been taking so much interest in the library and have been giving/your precious time to it, any action in the matter should be taken only when you are here. Moreover, only after seeing the advt in papers did librarian Sharma know that they are going to fill up his original post He wishes very much to have a talk with you on many relevant matters, before the librarian's appointment is finalized. It would therefore be much better

if the appointment is made after your return to Delhi. I don't know why they are hurrying.

*Information about Poncaire's publication is not ready yet. I will write separately about this.*

(7) I am enclosing for your kind attention copy of Professor A.V.Hill's (Secy Genl ICSU) letter to you on certain important matters.

(8) Copy of Director J.Lecomte's letter to you, dated 8-5-55 (!) which was wrongly addressed and should have obviously come by seammil. It had gone to University Bldgs and we received it only on the 22nd Aug. I thought you would be back by first week of Sep in time to receive Lecomte, I did not forward the letter earlier. I am contacting Journot and arranging with Dr Mathur to receive him and if possible to persuade him to address our colloquium. *I wanted to send a translated copy but I think it will take time.*

(9) A.K.Ghosh of BEL advancing the following important points mentions that "two of their directors (The Chairman and Sri J.Dayal) are visiting Europe in connection with other work, and will make time to discuss our problems in Paris with the ~~held~~ top management of our consultants, the CSF. Several important matters are outstanding, and can be settled quickly and satisfactorily only by personal discussions. In order that our Directors may have all the information they require it is essential that an officer of the Company be present during these discussions. Chairman has therefore agreed that Brig B.D.Kapur may be sent to France to take part in these discussions" The important points to be finalized at these meetings are:

1) jigs and tools & manufacturing data: BEL is to go into production next Jan and begin manufacture with RU 536. But this cannot be done until we have the jigs and tools necessary for the manufacture of the set. Initially our consultants told us that 186 jigs and tools would be required, and that plans and drawings were complete. But when our Tool Room Expert visited Paris last May and began detailed comparison of the plans and drawings with CSF's own files, he found a large number of items had been omitted. As a results of his investigations, the CSF stated that the number of tools and jigs would be 536 and not 186. But we have recently heard that the total number will be 246. This is an unsatisfactory state of affairs, as the whole production depends on our having the jigs and tools necessary. The matter is also very urgent as we have already fabricated a number of these jigs and tools according to the drawings supplied to us by the CSF. This experience also indicates that the manufacturing data supplied for the receiver itself by CSF may be inaccurate or incomplete. These matters require discussion and finalization at the highest level in Paris.

French personnel: Originally the CSF recommended that BEL should employ 74 French technicians. After detailed discussions with BEL's officers, our consultants have agreed that this number may be reduced to 20 in the first phase and increased by another 6 or 8 later on when the valves and components divisions go into production. Even these 20 Frenchmen will cost BEL something like Rs 16 lakhs a year after allowances and income taxes have been included. It is vital therefore that only the most suitable men are selected for the posts -- and this has not always been our experience so far. As these Frenchmen are due to arrive in Bangalore between now and next December, it is most desirable that a senior officer of BEL be associated with their selection in France now.

#### Equipment for the valves division

This subject was discussed at the last meeting of the Bd of Directors and the directors decided to defer a decision regarding purchase of the equipment until a report has been received from Sri K. Mojumdar. We have subsequently received a letter from the Director General India Store Dept in London to say that CSF have offered equipment at a cost of £ 236,000/- whereas Philips have offered equipment for £ 56,000/- He has added that he has stayed all procurement action pending a decision as to which equipment should be ordered. Sri Mojumdar has in the meanwhile contacted Philips and has reported that they are willing to supply Bel with technical data necessary to operate their plant, and that they will agree to give this data as subcontractors of the CSF in order to avoid any possible legal difficulties. Sri Mojumdar has written to say that as policy decisions are now to be taken he strongly recommends that a top level meeting between the CSF, BEL and Philips be held in Paris and that this question be finalized there. Advantage is being taken of the visit of our Directors to Paris to arrange such a meeting. As highly technical questions will be involved, it is essential that a technical officer of BEL be present during these meetings.

For these reasons it is strongly recommended that the visit of Brig B.D. Kapur to Europe for a short period be sanctioned. He will be asked also to settle some outstanding questions with the DG ISD London

He should therefore be permitted to visit France and England for a period not exceeding one month (the expected stay abroad of our Directors)

We received this letter on 22 Aug 1955 and the letter was dated 20th, Thinking that you would be back soon an interim reply was sent to BEL saying that you would be in Delhi <sup>early in</sup> by the 2nd week of Sep. No reply has come from Bel so far. But since you will be in Delhi only by 20th I am sending the extracts. I presume that BEL would have taken your kind concurrence for granted.

(10) Sri A.A.Hekmat, Iranian Ambassador in India requested you to send him "whole literature already edited by you in India" on the subject of atomic energy. He adds that "the scientists of Iran know very well that the NPL in India is one of the main centres of information on this Line". I have telephoned him that you are in Europe and will be back on 20th Sep. Do you think it necessary to request the Indian Sectt of the Atomic Energy Department Delegation there to send the relevant information.

The late (11)/Prof Vijayaraghavan's son Ramanujan BSc (address 24A Tirumurthi St Thyagarayanagar Madras 17) ~~requests-permission-to-quote~~ says "knowing as I do the friendly feelings which existed between my late father and yourself, I have taken the liberty of quoting your name as a reference in the applications I have made to certain institutions. I hope/you will understand, sympathise and forgive me for this act. I have sent him an interim reply.

(12) Sri Kumaraswamy Raja, Orissa Governor, writes to say that the construction work on the Gandhi Kalai Manram -- his old residence in Rajapalayam which has been dedicated for public purpose to serve as a nucleus of the House of Culture proposed to be started there -- has been completed and that the institution awaits to be inaugurated. Rashtrapatiji when he visits South India about Deepavali time this year has kindly agreed to inaugurate it. Sri Raja has drawn up a draft about the aims and objects of the Manram and setting forth the lines on which it is conceived and expected to develop. He has sent a copy of the draft for your kind perusal. He invites your suggestion for the furtherance of the scheme. I have sent him an interim reply.

13) Dr N.S. Junankar, Dy Edl Adviser Education Ministry writes to say that the meeting of the Executive Board of the Indian National Commission for UNESCO will be on Sep 17 at 11 A.M in north block. Agenda is under preparation and they will send it <sup>d</sup> along with the terms for TA and DA. I have telephoned him your present programme.

(14) Min of Irrigation & Power conveys the sanction of Govt to the setting up of a committee <sup>(for a period of six months)</sup> consisting of: Prof M.S. Thacker (Chairman) <sup>DSIR</sup>  
 Dr K.S. Krishnan (Member) S.A. Gadkary, Consultant, Planning Commission (Member)  
 Sri Yadava Mohan, Chief N.R. Division, Planning Commission (member) Sri N.N. Iengar, Tata Power Co Ltd, Bombay (member) M. Hayath, member, CWPC Commission (member) S.S. Kumar, member, CWPC, (member) and Rammohan OSD CWPC (secretary) to formulate a programme for research work in respect of problems concerning power engineering development in the country for inclusion in the 2nd Five year Plan. Ram Mohan has been appointed OSD to facilitate initial work of the committee. He has submitted a skeletal report and the committee may proceed on the basis of this report.

The Committee is to submit its report to Govt by middle of Feb 1956

They want to hold a meeting in September. I have informed Rammohan your programme. This is for your kind information.

I am sure you must be having a very busy time and I wonder if you will have the time to go through this long letter. I am sorry in spite of my efforts, the letter has grown very long.

All well at home. I informed Ambi about watch and glider.

With kindest regards

yours affectionately

Rama Chandran



NATIONAL PHYSICAL LABORATORY OF INDIA  
HILLSIDE ROAD, NEW DELHI.-12

No.1 Sep 1'58

My dear Sir,

Telegrams "NATPHYLAB," NEW DELHI.

Telephone { 43561  
42937

I hope you had a pleasant flight

OUR REFERENCE

and have reached Geneva and now you must be busy with the Sessions. On Saturday morning I received the enclosed cover from Prof. Seshadri of Delhi Univ. He was under the impression (when I told him that you left on Sat morning) that you were to leave for Geneva only after Sep 1. He mentioned to me that he has enclosed a letter for you re: Dr Venkataraman of NCL. Dr Ramdas asks me to send you the list of papers of Prof Ramanathan. You remember you gave the list to me to keep with me before you left on Friday evening. Shall I send you the list to your Royal Soc address to await your arrival from Geneva? I contacted Varma (Chem Div) who replied that his comments on Indra Sanghi's paper are not yet ready.

I am summarizing below some of the important letters recd after you left:

Prof A. Porter, Prof. of Light Elec Engg, Dept of Elec Engg City & Guilds College, Exhibition rd, London SW 7 writes on 28/8/58 that Prof Tustin is absent from the college due to illness and is not expected to return for at least a month. Our letter re: Expert in electronics will be brought to his notice on his return.

Telegram from Volet felicitating on your election as member of Comite International Poids Measures.

2



In reply to our letter to the Govt of Madras Dept of Education & local Administration, regarding recruitment of Chief Prof of Physics Presidency College, K.V.Ramanathan Dy Secy says that the interview of the applicants is not likely to be held by the Commission earlier than the 2nd half of Oct 58. A further communication in the matter will follow.

I met Secy CSIR/<sup>&</sup> personally conveyed to him your confidential message about which you told me at the airport. I gave him the papers re: CV Subramaniam. At our meeting he himself opened the topic and mentioned to me that I could be attached to you as Confidential Assistant in the assistants grade 160-450, provided initiate a proposal and send the you ~~send~~ a recommendation to him by name. He mentioned to me it wd be difficult to make me Priv Secy in 250-500 grade . This we never wanted. ~~What~~ we wanted was to designate me PA II from 1/10/56 in grade 250-10-300-15-375/and then to refix my salary as Conf. Assistant in the assistant's grade of 160-450. This could be easily done and may I request you Sir to send a proposal from there to Sundaram recommending me the grade 250-10-300-15-375 from 1/10/56 and (as sundaram himself suggested) designating me Conf.Asstt in the grade 160-450 with effect from 30/8/58. I have to trouble you there and it is necessary to do it early because if this has to await your return to Delhi sometime Oct, I will be far too junior

to all those ~~you have been~~ whose posting orders as asstts are out from 1/9/58. I raised all these because Sundaram himself opened the topic to me and suggested the Conf. Asstt designation in the asstt's grade, which I didn't expect he wd do. This will prove to be a blessing in disguise to me. if only you will be so good as to write a few lines from there and send to Sundaram by name. (This will mean that I will be attached to you)

There is yet another aspect. ~~If you feel that there is a remote probability of your not continuing~~ There is a post of PA to Thapar ICS, as Member of AEC for Finance & Admn in the grade 250-375 and if you think between the two, i.e. CSIR and AEC, AEC is easy to fix me up, pl. speak a word to Thapar about me and he will certainly take me, and this will be a govt job and I shall be entitled to a pension too. I am sorry I am dilating as I am not safe here in your absence, and am a bit worried and am a little afraid of what is in store for me.

When you spoke to Sundaram probably the impression he gained was that you wanted to make me Priv Secy in 250-500 grade (which he told me was impossible). We did not want our first object was to get the 250-375 grade of PA II <sup>must</sup> only from 1/10/56 and this ~~wd~~ be possible because my juniors have been put in this grade where I am due for confirmation as PA and it shd be easy to put me in this grade.

What shd I do with the application forms for appointment of visiting research scientists programme administered by the National Academy of Sciences, Washington, which you received from DG. I am keeping them with me awaiting your orders.

Ramamurti was asking me about the reply to Baliga re: Director of Research at BEL

Please write to me before leaving Geneva about your New York and Washington (when definite) Vienna and London/programme and the addresses there. I think DG might want it sometime or the other and I shd have it handy

The question re: the

5

^ ~~The~~ AEC honorarium of 50 and 1/3 of which shd go to CSIR is also gaining momentum in CSIR and one fine day I am afraid they may ask me to shell down the arrears from sometime in 1955 when I began getting this. I am afraid they may not precipitate this in your absence and to save this may I request you Sir to either ask the AEC people to increase it to 75 (from the date I began getting this) or write to DG exempting me from this. This is very clear in and I have many times drawn attention Fundamental Rules/that revenues from one govt Dept to another sponsored or autonomous quasi govt organization like CSIR when paid to one who is ~~doing the work~~ <sup>assisting in</sup> ~~done by~~ an officer who has been, under govt orders, appointed member of a commission or a body is exempted from payment of 1/3 to Govt. Incidentally Ramanathan when he was getting this was not required to ~~debit~~ pay 1/3 to CSIR. You may consult Dept of A.E itself and they will corroborate ~~may~~ this

I pray you will kindly bear with me  
 and help me out of this and remember  
 this and about writing to Sundaram  
 at an early date <sup>from Geneva itself</sup> before ~~the~~ your return.

I wd never have hustled like this but  
 the situation warrants quick action  
 otherwise I will be irreparably harmed.

With kind regards

yours affly

Ramachandran