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Form 18 PW

VN10 42 GOVT=WUX WASHINGTON DC NOV 20 NFT
DR LEO SZILARD=
KINGS CROWN HOTEL=

THIS IS TO CONFIRM THAT YOU ARE EXPECTED TO TESTIFY BEFORE
THE SENATE COMMITTEE ON ATOMIC ENERGY THURSDAY NOVEMBER
TWENTY NINTH PLEASE HAVE A PREPARED STATEMENT IN OUR HANDS
BY TUESDAY NOVEMBER TWENTY SEVENTH FOR MIMEOGRAPHING THE
COMMITTEE DESIRES THIS BE DONE=
CONDON & NEWMAN

Metallurgical Laboratory

September 19, 1942

Woyner

Dr. Leo Szilard
Metallurgical Laboratory
University of Chicago
Chicago, Illinois

Dear Dr. Szilard:

After various long delays I think we have something to report. We had a conference last week with Mr. Putman of the Transformer Division at Sharon, who says that he would be willing to manufacture a pump of the electromagnetic type if he could get it designed elsewhere in the company. We also had a conference with the people in the Motor Division, who referred it to the Transportation and Generator Division, since it is a larger size than comes within their field of activity. One of the designers in the Motor Division who was given the problem in terms of the various specifications came up with a design which also figured only about 20% efficiency. I have made an independent design too, which comes out about that low, so that all of this figuring serves to give rather good confirmation of the general conclusions which were reached by Mr. Feld. The main source of loss is, of course, the short circuited turns arising from the pipes which define the fluid space so that the pump would really be quite efficient if we could define the fluid space by means of some non-conducting pipe, but nobody here has any good ideas about such a material. The only thing that seem to come up to mind are stainless steel or nichrome.

Mr. Chubb also put the problem up to our South Philadelphia Works because there is a very general feeling on the part of all the engineers with whom I have discussed this that a mechanical pump is to be preferred to one of electrical design. Mr. Chubb has now received a letter from Mr. R. A. Bowman, who is Manager of Condenser Engineering for the Steam Division, in which Mr. Bowman says he feels that it is quite possible to make a propellor type pump which will do the job. He says that the pump would have a diameter of approximately 12", requiring about 350 h.p. at 1750 rpm. He feels that he would like to have more detailed information about the nature of the problem. He expresses himself as being quite interested in the application, and in a position to proceed with it.

Therefore, it seems to Mr. Chubb and myself that the best move to make on this next would be for you to arrange a meeting in which you would be present from Chicago and Mr. Bowman present from South Philadelphia, together with Mr. Chubb and myself, at which time we could discuss the calculations which have been made on the electromagnetic pump and give Mr. Bowman all the information necessary for him to make a real attack on the mechanical problem solutions.

Metallurgical Laboratory

Dr. Leo Szilard

-2-

September 19, 1942

I have written an internal research report that presents the calculations that I made, and you will receive a copy of that as soon as it has gone through the stenographic processes.

I don't know how soon we can have a meeting on this subject. At this end we cannot have it Wednesday, Thursday or Friday of next week. Possibly it could be arranged for Monday or Tuesday of next week or for Saturday, subject, of course, to your being able to arrange it on one of these days.

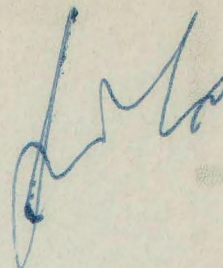
Please let me know how your ideas develop.

Sincerely,

A. D. Condon
Associate Director

RUC:RMR

December 12, 1945



Dr. E. U. Condon
National Bureau of Standards
Washington, D. C.

Dear Condon:

I am writing to you to let you know that I have destroyed a check for \$500.00 dated September 25, 1945 which you left with me for emergencies which might arise in connection with the social implications of atomic energy. Since ample funds are available for this work, there was no need to make use of your offer.

Please make a corresponding entry in your check book so as to straighten out your account.

Sincerely yours,

LS:jjp

Leo Szilard

U. S. DEPARTMENT OF COMMERCE

NATIONAL BUREAU OF STANDARDS

WASHINGTON

ADDRESS REPLY TO
NATIONAL BUREAU OF STANDARDS

HUG:DEK

June 24, 1946

IN YOUR REPLY
REFER TO FILE

D

Prof. Albert Einstein,
112 Mercer Street,
Princeton, N. J.

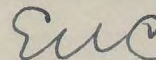
Dear Professor Einstein:

In Chicago last week Leo Szilard, Harold Urey and myself had a conversation about the funds being collected in our names as "Emergency Committee of Atomic Scientists." It seemed that the base of the appeal and the way it was understood by the donors was broad enough to permit the funds to be used for a wide variety of projects in support of better public understanding of atomic energy matters. I believe at present there is an informal understanding that the funds will go to support the work of the National Committee on Atomic Information.

We agreed to try to meet with you (and also Hans Bethe) next Sunday in Princeton to consider more definitely whether all the funds should be used this way in the future. Because of the present informal arrangement there is no proposal to reallocate the funds already raised. However, I will not be able to come to such a meeting for on Saturday the President asked me to go to Bikini on his civilian evaluation board.

Szilard thought this meant postponement of a committee meeting until my return although I urged him to go ahead arranging it with you. In any case I would like to suggest that contributions received after July 1 be treated as in a separate category with the Emergency Committee to decide later whether all of the money is to be given to the National Committee on Atomic Information or whether perhaps some of it is to be given say to the Federation of Atomic Scientists or used in other ways.

Sincerely,



E. U. Condon, Director.

Copy for Dr. Szilard

August 10, 1946

To: Condon, Bethe, Bacher, Weisskopf, Hogness and Urey

Dear Condon:

As you probably remember, some time ago you were approached by Mr. Melcher asking to lend your name to a fund-raising drive aimed at \$200,000 for the benefit of the National Committee on Atomic Information in which the Federation of American Scientists was also supposed to be included in one way or another. I originally understood that we were supposed to act as sponsors for a fund-raising drive carried out in the name of the National Committee and discovered only rather late that the fund raising was carried out under the name of Emergency Committee of Atomic Scientists with Mr. Einstein Chairman and the rest of us as members of the committee. The committee maintained an office in Princeton and accepted checks which were deposited in a bank account carried in its own name.

Urey, Einstein and I had repeatedly discussed this matter and came to the conclusion that if the fund raising is carried out in our name and if the committee operates as it did by having an independent office in Princeton and actually accepts checks, we had better formalize this kind of operation. Only if this group is incorporated and has responsible officers can it function satisfactorily and can the legal requirements be properly met. Selig Hecht in New York offered to help us with this matter, and he brought into the picture an old friend of his, Joseph Shaffner, (formerly Director of Hart, Shaffner and Marx) who worked during the war for the State Department and has at present some free time, being mainly occupied by being executor of some large estates. Shaffner, with the help of a reputable law firm, made all the preliminary arrangements, and I understand the incorporation is now completed. The document

which was drawn up proposes to name as trustees the same people whose names were hitherto used in connection with the Emergency Committee of Atomic Scientists, and one purpose of this letter is to advise you to this fact and ~~so~~ ask you whether or not you are willing to accept your nomination as a trustee. Your acceptance is essential if the fund-raising machinery (which had been halted by us as soon as we realized the need for incorporation) is to be given the green light to continue its operations.

In the past, the fund raising was carried out by Mr. Oram under contract with the National Committee, and I understand that there are 50,000 addressed envelopes ready for mailing. Mr. Oram, who has to keep his machinery running, (he had his machinery running empty for four to six weeks) is naturally anxious to continue. Having cooperated with the March of Time (who I understand prepared a rather good release on atomic energy which will be turned loose at different times in different parts of the country starting August 6th) Mr. Oram hopes to have a successful drive for funds.

As to disposition of funds, the committee is, of course, entirely free to decide what the best use of the funds collected in the future appears to be. However, on the basis of discussions which we had with the National Committee, represented by Mr. Ralph McDonald, and with the Federation of American Scientists, represented by Higinbotham, Dr. Urey and I will recommend that as far as the first \$200,000 are concerned which will be raised by Mr. Oram (about \$85,000 of the total of \$200,000 has already been raised by Mr. Oram prior to the incorporation) no objections should be raised to have this sum go to the above mentioned two organizations. Neither Urey nor I have any commitments beyond that sum, and Mr. Oram expressed confidence that it should be possible to raise about one million dollars in the course of a fund-raising campaign extended over a period of a year. It will then be our responsibility to see that the money so raised shall be wisely used where it is most needed.

Hecht advised me over the telephone from New York that Shaffner is willing to give up his vacation to look after these matters during the summer, and he also advised me that it is necessary to have a meeting in the course of next week of at least three of the trustees, which means two in addition to Mr. Einstein. I intend to go to Princeton for this meeting and hope that either Urey or Condon will be able to come. If any one of you is able to come, he will be advised of the exact date of the meeting which will be either Wednesday, Thursday or Friday of next week provided he advises me by telegram giving his present address. I can be reached by telegram between now and Wednesday at 1155 East 57th Street (the Quadrangle Club) Chicago. From Wednesday to Friday, I can be reached by telegram at the King's Crown Hotel at 420 West 116th Street, New York City, and it is requested that your acceptance of the trusteeship be sent by telegram to that address at the latest by Friday. On Friday I am leaving for my vacation and can not be reached any longer so after that time you should wire to Selig Hecht, Pupin Physics Laboratories, Columbia University.

At the Princeton meeting it is proposed to appoint Joseph Shaffner as secretary or director, or whatever the suitable title may be, so as to make him the responsible officer of our committee. This will put all business arrangements into experienced hands. Whether or not we can get Selig Hecht to accept some official position in connection with the committee, I do not know, but in any case he promised to remain in close touch with Shaffner, who is one of his friends of long standing, in all matters relating to this committee.

In the last few days, the National Committee has asked Melcher, its director, to resign, and Melcher has resigned. I had known for some time through having sat in in place of John Simpson at one of the executive committee meetings of the National Committee that it was contemplated to carry out a reorganization and that opinion was rather unanimous that someone other than Melcher ought to

head up the organization when the reorganization is completed. I was, however, rather surprised and disappointed to hear that Melcher was suddenly asked to resign. I have no doubt that this act was ill-advised, but in spite of this I feel that the National Committee ought to be given a chance to work out its own salvation its own way. I also feel that we should try to save the successful fundraising machinery which more or less by accident has arisen through the cooperation by the National Committee with Mr. Oram.

Mr. Oram believes that if Joseph Shaffner takes an active interest, as he seems to be willing to do, and that if our committee emerges from its twilight existence into something more clearly defined, there will be no difficulty to raise the funds which may be required for such purpose as may emerge in the course of the next one or two years.

Two days ago I received a copy of a letter which Condon wrote to Einstein in which he resigned from the committee. I talked to Condon over the telephone in order to learn his reasons, and I found that the reason for his resignation was the mess created within the National Committee by their request that Melcher resign. I asked Condon to reconsider his decision, and I hope he will do so. I believe that our enterprise can be successful only if a sufficient number of the older and more established scientists are willing to carry their share of the responsibility rather than try to shift too much responsibility on any one single person.

I am sending this letter air mail special delivery and will mark the envelope "please forward" since I do not know where most of you may be at this time of the year.

Sincerely,



L. Szilard

P.T.O.

P.S. It is not proposed to take any decision at the meeting next week which would bind the committee concerning the use of its funds. Such a decision will be required, however, rather soon, and it is contemplated to bring the matter up at a meeting late in September or early in October in the hope that most of the trustees will be able to attend such a meeting. The only decisions which have to be taken during August are those which are necessary to enable the continuation of the fund raising without prejudice to the use of the funds so raised.



L. Szilard

11 April 1950

Dr. Edward U. Condon
National Bureau of Standards
Washington 25, D. C.

Dear Condon:

Enclosed is the memorandum which I mentioned to you over the phone. The present plan is to have an organization incorporated by six of the men whose names are listed on the first page of the memorandum. We were thinking of either Hutchins or Clarence Pickett as heading up that group but we haven't cleared this with either of them so far. We were also thinking of finding a man to serve full time as director or secretary of the "committee of arrangements," and Charles Bolte is being considered for this job, but so far we have not contacted him about it. We will need some funds, perhaps \$25,000 to get started and we thought of visiting Rosenstiel and perhaps Spanel, and talking over the project with them in the hope that they will be able to raise \$25,000 between them.

I want you to think a little bit about this project and if you get enthusiastic about it I wondered whether it would be a good plan for you and me to see Spanel and Rosenstiel between the 20th and 25th of April. Spanel I have only met casually when you were staying with him in Princeton.

Sincerely,

Leo Szilard

LS:kv

Enclosure

P.S. The emergency committee has voted to raise \$500,000 and the "committee of Arrangements" in charge of the job consists of Joe Mayer, Harrison Brown and myself. We are not going ahead yet with fund raising until we have the six men mentioned above incorporated in an organization of their own.

LS

Return address (until 14 April)

c/o Dr. Walter Orr Roberts
High Altitude Observatory
Boulder, Colorado