

Jan. 19, 1942

Memorandum for Professor A. H. Compton

Laboratory space available at Columbia:

Pupin Laboratories

- 12th floor - 184' x 60' - immediately, except 2 apparatus rooms which will be vacated gradually.
- 11th floor - by June 1st.
- 13th floor - east end on 4 weeks' notice. Remainder on longer notice.
- Attic - large end room on 3 weeks' notice. About 60' x 40'.
- 8th floor - Director's Offices - 2 rooms
- Basement - Cyclotron and space as needed on 3 weeks' notice.

Schermerhorn

- Large end room, 106, in use at present.
- Large room at west end on 6 weeks' notice.
- Semi-circular room on 2 weeks' notice.

Suggestions:

- Compton to be "Official Investigator" or director in place of Pegrum.
- Allison, Alvarez and Hilberry to assist the Director.
- Fermi and Szilard to be in direct charge of laying out researches and overseeing them.
- A procurement office (corresponding to Mitchell's office on New London project) to be set up.
- A shop to be set up.

Jan. 19, 1945

Investigation

Memorandum for Professor A. H. Compton

Laboratory space available at Columbia:

Physics Laboratories

12th floor - 184' x 80' - immediately, except 2 apparatus rooms which will be vacated gradually.

11th floor - by June 1st.

13th floor - east end on 4 weeks' notice. Remainder on longer notice.

Attic - large end room on 3 weeks' notice. About 80' x 40'.

8th floor - Director's Offices - 2 rooms

Basement - Cyclotron and space as needed on 3 weeks' notice.

Chemistry

Large end room, 106, in use at present.

Large room at west end on 3 weeks' notice.

Semi-circular room on 3 weeks' notice.

Suggestions:

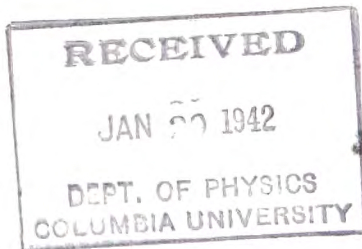
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Fermi and Salard to be in direct charge of leaving out researches and overseeing them.

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A shop to be set up.



January 20, 1942

Progress Report to Dr. Doan and Dr. Hilberry on the Search for a Site in the New York Area.

Dr. Anderson has taken over the task of looking for a site within a radius of about 15 miles from New York. The main requirement for this site is that it should be possible to turn it over gradually into a fully equipped development laboratory, but have it equipped within three months sufficiently to put up a pile and build it up quickly to the point where energy is liberated at a rate of a few watts. Until the new place is equipped, intermediate scale experiments could be performed at Columbia University, and if the required materials can be obtained, two or three intermediate scale experiments could be run simultaneously at Columbia.

In order to ascertain to what extent facilities at Columbia would be available for the purpose of intermediate scale experiments and other research work which is connected with the metallurgical project, I had an interview with Professor Pegram on January 19, who gave me the following information:

1. For the purpose of intermediate scale experiments, Columbia University would make available in the basement of Scherzerhorn, in addition to the large room No. 106 which is already in use, another large room at eight weeks' notice, and the rest of the basement of Scherzerhorn at four months' notice.

2. For the purpose of other experiments connected with the metallurgical project, Columbia University would make available in the Pupin Building, in addition to the laboratories on the 7th floor which are already in use, the following rooms and laboratories: one large room in the attic, the 12th floor at two weeks' notice, and the 11th and 13th floors at eight weeks' notice each.

3. In the basement Columbia University would make available the cyclotron room and the adjoining control room from which the cyclotron room is serviced, and, in addition to this, at the discretion of Columbia University either the rest of the basement or one section (about one-half) of the 10th floor.



L. Skillard

Copy to Professor Pegram.

A.H. Compton
Ryerson Physical ~~laboratory~~ Laboratory
University of Chicago
Chicago Ill.

Kindly advise whether you wish me to extend exploration of New York area to vicinity of Harvard and Princeton universities. I assume that you are aware of Fermi's strong preference for Columbia which is also the first choice of every member of the Columbia group. Anderson, Fermi, Zinn and myself consider Harvard and Princeton our second best choices. Berkeley is rated third and Ann Arbor fourth. If you so desired a preliminary investigation of facilities offered by laboratories of suitable universities could be completed by middle of the next week provided four men collaborate on this job. The next meeting of the steering committee could remain in ~~session~~ session until each proposal has been thoroughly discussed and your final decision is announced. I am convinced that any decision at which you arrive after full discussion in Committee will be wholeheartedly excepted by everybody. Please advise if you want me to find out all about Princeton including their willingness to move Wilson's group to Berkeley and their ability of housing all members of our project within a six miles radius. Please advise also if you want me to explore facilities at Harvard by approaching Van Vleck or whether you have other plans concerning Harvard.

Szilard

A.H. Compton
Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

temporarily attached to

Having worked for the last six months ~~with~~ the Columbia group I feel that your presence and leadership at Columbia would have most desirable effects whereas transplanting the Columbia group to another place would necessitate readjustments and may thereby be harmful for the work.

Edward Teller

A.H. Compton Ryerson Physical Laboratory
University of Chicago , Chicago ~~Ill.~~ Ill.

May I say again that the principal need is immediate concentration under your exclusive ~~leadership~~ direction. If you find Columbia unsuitable and prefer that both groups should move to any third place which you consider satisfactory you can expect my full co-operation.

Herbert Anderson

negotiations

~~offices~~
Top floor Belmont Hall

First floor and basement
partly office partly lab. -

A.H. Compton
Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

It is my conviction that your time schedule ~~xxxxxxxxxxxx~~
can be best met by immediate concentration under your direction
at Columbia. However, if you do not share this view and wish to
move elsewhere to effect concentration I shall be happy to join
you and extend my fullest cooperation to the project.

W. H. Zinn

A. H. Compton

Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

Heartily approve stand expressed by Anderson's telegram

John Marshall Jr.

A.H. Compton
Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

With regard to immediate concentration approve of standard
expressed by Anderson and Zinn.

B. Feld

A. H. Compton
Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

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G. L. Sinn

A.H. Compton Ryerson Physical Laboratory
University of Chicago , Chicago ~~Chicago~~ Ill.

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Herbert Anderson

A. H Compton

Ryerson Physical Laboratory
University of Chicago
Chicago Ill.

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A.H. Compton
Ryerson Physical Laboratory
University of Chicago
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