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APR 15 1987

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TO: Mr. J.R. Oppenheimer  
FROM: L.H. Hempelmann  
SUBJECT: Medical Staff in Technical Area

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19-9

During Col. Warren's last visit here, we discussed the need for another doctor to help me with the industrial health problems in the Technical Area. It seemed to us that another doctor was needed in view of the following changes in the amount of work required of the medical group:

FINAL DETERMINATION  
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L. M. Redman

DEC 13, 1979

- 1) the increase in routine medical duties.
  - a) about 350 peoples are now exposed to various health hazards. These individuals must be examined from one to twelve times a year.
  - b) complete physical examinations should be done at the termination of employment of all people in the Technical Area. Certain supplementary examination should be done on all new people in addition to their preemployment examination done elsewhere.
  - c) there has been a considerable increase in the exposure of personnel to radiation, radioactive materials and chemical poisons. These demand increased medical supervision.
- 2) the increase in the number of new health hazards. (experiments of Alvarez, Bainbridge, etc.) which require more of the medical groups time than do the routine health hazards.
- 3) the increasing importance of biochemistry in the detection of overexposure to the various toxic agents. This is of greatest importance in the case of exposure of personnel to 49 and polonium where determination of the material in the excreta is the only early method of detecting overexposure in its early stages.

Classification changed to  
by *[Signature]*  
Atomic Energy Commission  
Date *July 26, 1955*  
(Person authorizing change in classification) (Date)  
by *[Signature]*  
(Signature of person making the change, and date)  
*See memo 10/19/55  
L.H. Hempelmann  
J.R. Oppenheimer*

OK APR 15 1987  
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*[Signature]* 12/13/77  
*Mark C. Posa* 1/13/79

There is also a need for someone in addition to myself on the project with medical knowledge of our problems in order that he may take over the responsibility in the event of my absence or illness.

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- 1) find a civilian doctor with training or interest in radiology or medical physics.

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**INTER-OFFICE MEMORANDUM**

~~SECRET~~

**TO:** Mr. J.R.Oppenheimer

**FROM:** L.H.Hempelmann

**SUBJECT:** Medical Staff in Technical Area ( cont'd)

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- 2) request through Col. Ashbridge an army doctor with the above training. A possibility is a young army doctor in Saint Louis with one year's internship and some training in medical physics.
- 3) requesting that Lt. Barnett be transferred to this office after arrangements have been made to have him replaced by a civilian pediatrician. There are a number of pediatricians known to us who would be available for such a job. It is Col. Warren's opinion that this transfer could be made without asking General Grove's permission.

I should like to discuss this matter with you further at your convenience.

*RWH*

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