

S E C R E T

HEADQUARTERS
EUROPEAN THEATER OF OPERATIONS
UNITED STATES ARMY
ALSOS MISSION
APO 887

DECLASSIFIED
Authority *NND 933079*

MEMORANDUM

21 May 1945

TO: Major R. R. Furman
FROM: S. A. Goudsmit
SUBJECT: Activity of Material

With the help of a Geiger Counter borrowed from CWS, a rough measurement was made of the material stored at a depot in Paris. The material was packed in wooden boxes of about one inch thickness.

The radiation in the neighborhood of the boxes was about 1/25 of an R-unit per 24 hours. The way the boxes are stacked up, this radiation is the same irrespective of the distance from the boxes but decreases rapidly beyond the distance of several yards. This activity is well below the limit of safety by a factor of about 100.

In spite of the crudeness of the measurements and the inaccuracy of the instrument used, it is felt that the material does not offer any danger from radiation at all even when handled continuously over a long period.

The measurement is not accurate enough to determine whether the material required any special activity as a result of the experiments to which it was exposed, but we know that the type of experiments done makes any appreciable additional activity very unlikely.

S. A. GOUDSMIT
Scientific Chief

NO DEPT. OF ENERGY CLASSIFIED
INFORMATION (NO ED/FRD/)
COORDINATE WITH: DoD
BEFORE DECLASSIFICATION/RELEASE
AUTHORITY: DOE-DFG
BY E. R. BARNES, DATE:

E. R. Barnes 3/27/86
H. L. Hoge 4/11/82