

Enclosure "B"

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RE-EVALUATION OF PROJECT GABRIEL

404823 August 21, 1951

SYMBOL: BMBP:LJD

On June 7 the Commission requested that we re-evaluate project Gabriel in light of our experience with Ranger and Greenhouse. We have had a number of discussions with Dr. Nicholas Smith, ORNL, regarding the review of his previous work and the re-evaluation. He has now reached the point where he needs the following specific information if the work is to be completed by September 1:

1. The particle size distribution curves for all of the Ranger and Greenhouse shots (the data for the Ranger shots has already been made available to Dr. Smith).
2. The specific activity of the particles from Greenhouse and Ranger shots.
3. All available information on the surface deposition of the debris.
4. The yield and mass of material volatilized for each of the Ranger and Greenhouse shots.

I feel that unless Dr. Smith has this information he will not be able to do justice to the study.

Mr. Deal of our Biophysics Branch is following this problem in a Staff Liaison capacity and will be available to assist in transferring information to Dr. Smith.

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| JASE DIRZ | 4-17-81 |
| REVIEWED BY | DATE |
| Wilbur A. STRAUER | 4-20-81 |
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BY: DICK KOOGLE 6-12-87

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