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July 15, 1953

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"GABRIEL-HORN" AS TOPIC FOR GAC AGENDA

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For the August 17-19 meeting of the General Advisory Committee, we suggest inclusion of an item on "Gabriel," and on the related "Horn." In fact, I doubt if we could keep it off the agenda! "Horn" will probably be discussed at length by Dr. Libby. The following paragraph may be suitable for inclusion in the letter to the Chairman, GAC:

Two separate efforts are presently in progress to ascertain the indirect or secondary hazards which might arise from the detonation of a large number of atomic bombs. The Rand study, presently named "Horn," is restricting itself to non-biological aspects of the problem. Through a 3-week conference headed by Dr. W. F. Libby, and including consultants in many fields, Rand makes two recommendations:

1. That the world be assayed for radiostromtium
2. That diffusion barriers be utilized for sampling the atmosphere.

A concurrent study is being carried out by staff members of the Division of Biology and Medicine with the assistance of seven consultants. This study attempts to set up the biological effects to be expected as a function of the various parameters of the distribution of radioactive debris.

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WILBUR A. STRAUER 4-17-81
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