

~~SECURITY INFORMATION~~

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MINUTES

Thirty-sixth Meeting of the General Advisory Committee
to the U. S. Atomic Energy Commission

August 17, 18, and 19, 1953
Washington, D. C.

CLASSIFICATION CANCELLED
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U. S. ATOMIC ENERGY COMMISSION
BY: R. J. Dodson, R. J. ...
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<u>John Simpson</u>	<u>U</u>	<u>5/25/80</u>

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The Sr-90 in the Chicago baby, presumably accumulated mainly in the last two or three months of gestation, corresponds to about 1/1000 of the tolerance figure. (Dr. Libby commented on the difficulty of obtaining human samples, and suggested that stillborn babies, which are often turned over to the physician for disposal, might be a practical source.)

Attempts to compare these data with expectation based on the Sunshine model brought out the importance of fluctuations in the fall-out pattern. Dr. Bugher said that we need to increase the number of stations in order to get a more reliable picture of the fall-out. Dr. Rabi said that the question of uniformity comes to be the principle practical point.

Summarizing some important questions brought up by the Sunshine Policy Questions raised by Sunshine report, Dr. Libby said that the Commission has to decide (1) whether it wants to engage in a world-wide sampling program; and, (2) whether to O.K. the coming test program.

This Session was adjourned at 5:40 p.m.

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This final Session of the Thirty-sixth Meeting was adjourned at 4:05 p.m.

Richard W. Dodson
Secretary

Attachments (2)

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