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UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

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JUN 24 1965

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MEMORANDUM FOR CHAIRMAN, SECURITY
COMMISSION AND OTHERS
COMPTON, ROBERT A. (AEC)
CROSS, JAMES W. (AEC)
COMPTON, ROBERT A. (AEC)

SUBJECT: BROOKHAVEN ANNOUNCEMENT ON THREE MARSHALLESE PATIENTS

The following information is a public announcement which
AEC's Brookhaven National Laboratory plans to issue for use
on Friday, June 25. The announcement will be provided by
BNI to science and medical writers, or in response to their
inquiry. We do not plan to issue it from AEC headquarters.

The announcement has the signature of the Secretary General's
Office. The name of the Secretary General is not to be used.

DAN A. COSTA, Director
Division of Public Information

Attachment

- H. G. Brown, AGO
- J. J. Burke, (ER (has attachment))
- S. G. English, AGRO
- C. L. Dunham, DEM
- H. D. Bruner, DEM
- W. B. McCool, SECY ←

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

laboratory at Long Island, New York, for examination and treatment. The thyroid glands were exposed to be the result of fallout from the atomic bomb explosion at Nagasaki, Japan, in 1945.

The thyroid glands of the island of Kwajalein were exposed to fallout radiation from a thermonuclear device tested on March 1, 1954. The radiation was in the form of a radioactive cloud that drifted westward and deposited a considerable amount of fallout on the island. The thyroid glands of the islanders were exposed to the fallout. Since that time the U.S. Atomic Energy Commission and the Trust Territory of the Pacific Islands have conducted a medical survey of the exposed islanders. The results are reported in the "Fukushima Nuclear Laboratory" report.

Immediately after exposure the islanders were evacuated to Kwajalein Island for treatment and were subsequently on Majuro Atoll until 1957 when they were returned to Kwajalein. On their return to their home atoll the United States Atomic Energy Commission conducted a medical survey of the islanders. The results are reported in the "Fukushima Nuclear Laboratory" report.

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