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MEMORANDUM FOR CHAIRMAN SEABORG
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403215

January 6, 1964

REACH GENERAL MANAGER John V. Vinagrova

SUBJECT: FURTHER INFORMATION ON THREE MARSHALLESE GIRLS OPERATED ON
FOR REMOVAL OF THYROID NODULES (SEE ATTACHED COPY OF PREVIOUS
MEMO, THIS SUBJECT).

Dr. Robert A. Conard, Medical Department, Brookhaven National Laboratory, who has responsibility for conducting the clinical surveys, reports: "Sections of the nodules have been examined by a number of pathologists including Drs. S. K. Brun, G. H. Milner, R. A. Johnson and G. Lindsey. The consensus is that the nodules are benign, though with certain bizarre areas, and resemble iodine deficiency adenomas."

Dr. Lindsey noted that the nodules in the Tongatapu cases are similar to ones he has seen in children following ^{131}I therapy. This Division has a file of Dr. Lindsey's histological reports and a review paper by Lindsey and Carlhoff, Cancer Research, 24:1993, 1964.

The radiation doses which these children's thyroids may have received are being re-evaluated by Dr. John Gofman's group, Lawrence Radiation Laboratory.

It should be added that nodules in the thyroid glands of young people frequently become malignant in the course of time. Therefore, while those which were removed promptly after discovery were not malignant, there is a chance that in time they might have assumed neoplastic characteristics. Dr. Conard's next clinical survey will take place in February 1964.

BEST COPY AVAILABLE

Attachment:

Copy of memo dated 10/2/64
from C. L. Dutcher to Chairman Seaborg

D.C. OFFICE
CLERK OF THE COMMISSION
103 EAST 23RD STREET, ROOM 2000 cc:

C. L. Dutcher, M.D.
Director JAD DIVISION
Division of Biology and Medicine

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