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RADIOLOGICAL SURVEY

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## Office Memorandum

No.

DATE

TO : John E. Donaldson, Assistant to the Director  
Division of Biology and Medicine

400564

SUBJECT:

RADIOLOGICAL SURVEY IN BIKINI ATOLL

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For some time, Dr. Lauren R. Donaldson, Director of the Department of Applied Fisheries, National Marine Fisheries Service, Seattle, Washington, has been studying the effects of radioactive materials on marine life. This work includes the effects of effluent liquid wastes at Hanford, Washington, and the Pacific Northwest. These fish and other marine life have provided valuable information has been obtained from these studies.

Dr. Donaldson has been interested in the development of a radioactive survey on the marine life of Bikini Atoll.

It was evident that there was considerable concentration of radioactive materials by certain forms of marine life. It is felt that a follow-up survey at Bikini is strongly indicated with a survey of Eniwetok Atoll. This action has been approved by the Advisory Committee for Biology and Medicine. Accordingly, arrangements have been made through the Division of Military Applications for support by the U. S. Navy of this survey and the attached document concerns their activities in developing this survey.

Attachment:  
Cc of document fr Chief of Naval Operations

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