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

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Martin B. Biles, Director, OS
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THRU: Robert J. Catlin, ADHP, OS

FINAL REPORT OF 1969-1970 RADIOLOGICAL SURVEYS IN
BIKINI ATOLL

In a meeting on December 3 and 4 in Las Vegas, participants in the Bikini surveys from NV, SWRHL, University of Washington, and OS prepared the attached draft report. This summary report includes data obtained during cleanup operations in 1969 and data from the 1970 survey that concentrated on obtaining soil and air samples.

The approach agreed upon is to prepare a summary report containing all of the new data (the attached report) plus two more supporting reports, one by SWRHL and one by University of Washington, containing the details of the surveys. These latter reports are being prepared for AEC review and will be circulated for comment. When completed, all three reports will be transmitted to AEC Headquarters. Subsequently, the detailed reports are intended for publication in the SWRHL and NVO series of documents.

While some recommendations are made with regard to land use and there is a comparison between levels of Pu-239 in Bikini air and those in U.S. air, the survey team members have not attempted to analyze or evaluate the data as was done earlier by Dr. Gustafson.

Missing from the draft are maps of Bikini and Enou (Figures 3 and 4) showing the locations of Soil Pits, Well Points, and rows of soil samples. When the art work is finished and copies are available from NV, these will be provided.

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AUTHORITY: DOE/SA-20
BY H.R. SCHMIDT, DATE:

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Martin B. Biles
John R. Totter
MG Edward B. Giller

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I would be pleased to receive any comments you or your staff may have regarding the content of the summary report or the approach selected for publishing these findings. If it is determined that an evaluative report on these data is needed, it is suggested that this be a separate report as was done earlier with the 1964 and 1967 Bikini data of University of Washington and NASH. The need for such a review would more properly be a matter of discussion between staff of MA, EM, and OS after these more recent findings have been distributed internally.

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Nuclear Explosives Environmental
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Enclosure
Draft report

cc: Dr. Dunning
Mrs. Bradshaw

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