

UNIVERSITY OF ALABAMA
 SCHOOL OF NUCLEAR AND SPACE SCIENCES
 FISHERS HALL
 TUSCALOOSA, ALABAMA 35709
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NM 34

Dr. Alvin H. ...
 Marine Biology and Fisheries Dept.
 Division of ... and Medicine
 U.S. Atomic Energy Commission
 1901 Constitution Avenue, N.W.
 Washington, D.C. 20545

Dear Al:

During my recent visit with you last month, we discussed the water at Rongelap. Some high levels reported in 1954 contained ... looked up to ...

I were in Washington activity levels in the 1955 than the levels visits. Ed has

The recent ... noted in the ... of Rongelap ... of the new ... be insignificant

... that the increase ... the recontamination ... weapons tests. The decay ... that it will soon ... that over the 1954 series.

The ... activity of filtrate of ... water collected at Rongelap ... the counting ... of the new ... after August ... days, ... The counting ... those found ... at following ...

... particulate matter and the ... water sample collected was followed. Although ... precise evaluation ... half-life immediately ... between 20 and 40 ... half-life radionuclides. ... which compare to ... NWFE-15, Table 13,

Collection	Counting	July '56	July '56
Cistern water	particulate	220±7	91±10
Cistern water	filtrate	210±12 120±100	64±80
Lagoon water	particulate	14±12	24±9
Lagoon water	filtrate	24±10 24±10	240±105

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Laurel Lomden
 Director