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Per D. D. Kuehn REPOSITORY (date) 12/1/61  
By M. J. [Signature] CONNECTION (Signature of person authorizing change and date) 12/1/61  
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FOLDER  
Classification changed to CONFIDENTIAL  
by authority of the U.S. Atomic Energy Commission, by [Signature]  
BOXING  
R-5787  
CROSS

To: **Commander Harris  
Bikini CTG 1.2  
Radsafe P.A.C.**  
Through: **Bednarney  
Ellen Court Four One Six Seven  
Oakland Army Base**

The following is a report on samples sent to N. Langan, Los Alamos from Radsafe, Bikini.

BEST COPY AVAILABLE

Whiting (Av-Fourteen). Ships water line scale, paint and rust.  
Beta disintegration per minute per gram - Thirty-three hundred.

Whiting (Av-Fourteen). Boat exhaust pipes outside of hull at water line.  
Beta disintegration per minute per gram - Three-hundred ninety-three thousand.

Whiting (Av-Fourteen). Number two auxiliary condenser. Deposit removed from interior condenser zinc plate. Beta disintegration per minute per gram - One hundred sixty-one thousand; Alpha disintegration per minute per gram - One hundred and ninety-four; Ratio of beta to alpha - Eight hundred and Thirty.

Whiting (Av-Fourteen). Number One evaporator (First effect tube sheet).  
Beta disintegration per minute per gram - One hundred and seven thousand; Alpha disintegration per minute per gram - Twenty-three; Ratio of beta to alpha - Four thousand Six hundred and fifty.

Whiting (Av-Fourteen). Number 2 evaporator (first effect tube sheet).  
Beta disintegration per minute per gram - One hundred and eighty-two thousand; Alpha disintegration per minute per gram - Ninety-nine; Ratio of beta to alpha - One thousand eight hundred and forty.

Whiting (Av-Fourteen). Evaporators number two unit. Beta disintegration per minute per gram - One hundred ninety-two thousand; Alpha disintegration per minute per gram - One hundred and one; Ratio of beta to alpha - One thousand Nine hundred.

Whiting (Av-Fourteen). Evaporators number one unit. Beta disintegration per minute per gram - Thirty-five thousand two hundred; Alpha disintegration per minute per gram - Ten; Ratio of beta to alpha - Three thousand five hundred and twenty.

Henrice. Evaporator scale. Beta disintegration per minute per gram - One hundred and sixty-six thousand; Alpha disintegration per minute per gram - fourteen; Ratio of beta to alpha - Eleven thousand Eight hundred and fifty.

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