

Soil moisture  $.16 \pm 5\%$

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Mass Attenuation factor  $0.333 \pm 0.012$   $\text{cm}^2/\text{g}$   
How good is  $8.95 \mu\text{Ci/g/yr}$  conversion factor  $(\pm .89)$

Initially throw in 10% to account for errors in calibration factor

IMP shakedown of fuel was about 4%

- 8 -

Uncertainty in total Transuranics -

Only one soil sample was to get ratios for Pu to Am.

Var	$3.9 \pm 0.7$	Unit Am
	$4.3 \pm 0.74$	Correct Am
	$11.50 \pm 2.07$	Original TRU

Do not include IMP correction

Coefficient for variation - 20 to 30%

Certification

Written for every island except RUNIT.

All numbers must be corrected by factor of 1.24

(1.16)

Ergebnis - highest is 47 pCi/g

Morroe's Movement -

Integrity of the structure

Went to Nat Acad. for assurance that Puc won't escape

NAS - committee taking core sample

soil + vegetation samples

NAS Group

Peter Meyer

Science -

EXPO

Collecting science data

Red debris - surface contact under 2.4 m/hr

MAS - Contract see through LOE ~~for~~ Monroe

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### Ship status -

Public vessel - per Coast Guard requirements except a ~~few~~ ~~more~~

E.S. says ~~public vessel~~

What is public vessel - have boat charts

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Mitchell - English license

Intention - no money for English

Yates - strict adherence to limit

Mitchell - seeking application of standards to Marshall  
RPP's 12 etc

Intention - 4 office have examined

3 to 1 against allowing English people to return

Govt of Marshall Islands - No return to Rukuni or Eniwetok

Hearings in DOJ - appropriate hearing

### Food Removal

My Action - Date, Bond, ~~Ray~~ (Mendelsohn), Burns, Roth, Hal

Date: Marshall Islands Planning Board

- Action

Weekly counter program - Mtg of 4 (3 day + 3 day - 1 day month)

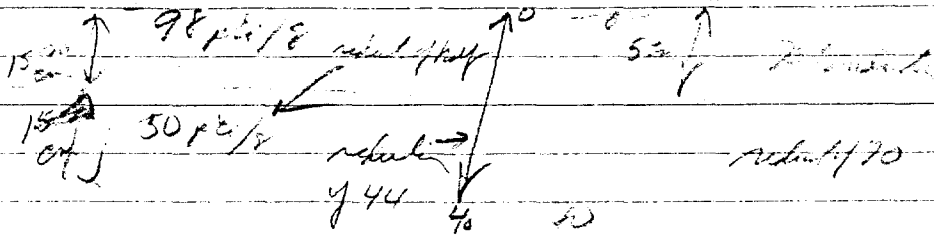
Ray, Pokon, Washitz, Bage

Bill Pokon - doing uncertainty studies on dove assessment

Retention & Loss Profile

111-74 people

U.S.



Strategic redunt. would be about 20-25%

Thinking -

### 3. Used Whole Body Dose

$$5 \text{ rem}/30 \text{ years} \rightarrow 2\% \text{ increase in spontaneous} \\ \frac{.02}{5000} = \frac{.004/\text{rem}}{5000} = .000004/\text{rem}$$

Bikini - pop. 900

inew - approx - 200  
Bikini 500

$$\frac{2\%}{5000} = .0004/\text{ma}$$

40, 80, 180

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3 mad bone  
1 mad leg

REPOSITORY PNNL  
COLLECTION Marshall Islands  
BOX No. 5686  
FOLDER Enewetak Jan-Mar 1980

DOCUMENT DOES NOT CONTAIN ECI

Reviewed by P. J. Schuetz Date 5/1/97