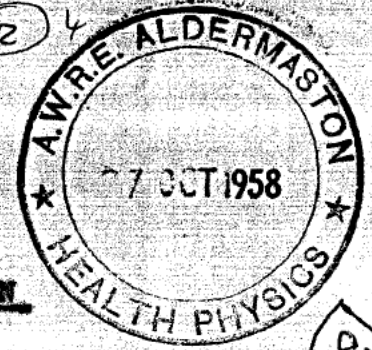


**'UNCLASSIFIED'**

Grapple 2. R3435  
12

HEALTH AND SAFETY



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A. W. R. E. ALDERMASTON

HEALTH PHYSICS DIVISION

Tritium in Urine - Trials Personnel

830  
831

Four urine samples despatched from Christmas Island by [redacted] following an incident on 22nd September were received on the evening of October 14th and analysed for tritium on the following day.

All results obtained were below the normal level of detection of the method at which it is considered the results are at all significant.

Actual figures were:-

|            |                        |
|------------|------------------------|
| [redacted] | 0.007 $\mu\text{c/ml}$ |
| [redacted] | 0.005 $\mu\text{c/ml}$ |
| [redacted] | 0.009 $\mu\text{c/ml}$ |
| [redacted] | 0.003 $\mu\text{c/ml}$ |

Maximum permissible concentration is 0.04  $\mu\text{c/ml}$ . The above results would normally be reported as being less than 0.25 M.P.C.

[redacted]  
Biological Sampling Section.

17th October, 1958.

S.S.H.P.

S.H.P. SEEN  
S.R.P. G.C.D.

G.M.O.

GRAPPLE 2