

DATE: October 23, 1956
TO: H. H. Dooley
FROM: E. M. Burtisavage
SUBJECT: Tritium Urine Analysis

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The first tritium urine analysis was performed with success and gratifying results. None of the samples submitted indicated a presence of tritium quantitatively discernible from the background.

Current <u>10^{-12} amps</u>	<u>Sample</u>
0.00	Distilled water
0.00	Urine, C. H. Wright
0.00	Urine, D. L. Prosser
0.00	Urine, D. L. Prosser
0.00	Urine, E. Fisher
0.00	Urine, R. E. Bickert
2.00+	Ra foil, to check ion current
0.05	Tritium std.
0.08	Tritium std. At max. per. tolerance level.

Another analysis will be made 3 months from now unless the volume of processed tritium reaches a proportion warranting another check in the interim period.

EME/jrn

DATE: October 5, 1956
TO: H. H. Dooley
FROM: E. M. Burtsavage
SUBJECT: Analysis of bodily fluid for the detection of
tritium intake.

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The Health Physics Laboratory at Bloomsburg is, from this instance, ready to perform tritium analysis. The apparatus has been calibrated successfully using an N.R.S. Standard Tritiated Water Solution, is reliably reproducible and has stability.

Pending arrival of needed volumetric glassware, the following personnel may be alerted for the purpose of furnishing samples for analysis:

C. H. Wright
D. L. Prosser
R. E. Bickert
E. Fisher

EMB/jrn

cc: J. G. MacHutchin
F. Palmeri, Jr.

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