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RECORDS SERIES TITLE	Applied Science Division: Scientists' Papers - Papers of William E. Siri	
ACCESSION NO.	434-91-0131	COPY
FILE CODE NO.	19-14-18	
CARTON NO.	7	
FOLDER NAME	Dr. Leo Meyer (Marshall Island Natives)	
NOTES		
FOUND BY	Perry Hall	

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**THE
LONG
ISLAND
JEWISH
HOSPITAL**

**QUEENS
HOSPITAL
CENTER
AFFILIATION**

82-68 164th ST. • JAMAICA, NEW YORK 11432 • JA 6-8600

April 9, 1965

Dr. Wm. Siri
Donner Laboratories
University of California
Berkeley 4, California

Dear Will:

Under separate cover I am sending to you the 1.0 ml volumetric pipette which we used at ~~Ku~~ajalein.

I am also sending you the tritiated water since we have no use for it.

I shall ask Bob Conard to send you the samples of plasma which he has in a frozen state at Brookhaven.

The data on the six subjects to whom we administered the tritiated water and on whom we performed the Cr⁵¹ blood volume determinations are as follows:

Mrs. Post	Age 32	Height 64"	Weight 115 lbs.
Mrs. Mosely	" 39	" 64"	" 134 lbs.
Mr. Bowling	" 41	" 65"	" 145 lbs.
Mrs. Calvert	" 30	" 66½"	" 132 lbs.
Mr. Butler	" 56	" 67½"	" 148 lbs.
Dr. Rogers	" 39	" 72	" 160 lbs.

Your sly innuendos about my rest cure in the Marshall Islands was duly noted. Believe me, it was a strain to be there because we ran out of bourbon on the last day and you know how I am when I don't get my morning nip.

Seriously however, we had a very successful trip and picked up some more thyroid nodules, and noted retardation in growth in some of the children who were exposed eleven years ago when they were between six months and one year of age.

I am planning to attend the Nuclear Medicine meeting in Florida in June and trust you will be able to be there. I think it would be nice if you brought Jean along. You know how I am (or reported to be) with my friends' wives.

Please let me know when you have completed the calculations on these sera.

With kindest regards,

Sincerely yours,

THE LONG ISLAND JEWISH HOSPITAL
QUEENS HOSPITAL CENTER AFFILIATION
Leo Meyer
Leo M. Meyer M.D.
Hematologist-in-charge

LMM:d

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HDLR Sample Vol. Vol. 15 Scpm Tcprn Tcorr T-S S-b S-b_{corr} ~~T-S~~/_{corr} S-b_{corr} TBW_{corr}
POS.

0	MeStd												
1	Bow	1.0	0.1966	26.14	10.048	10.671	8057	2577	2613	3.0834	38.92		
2	But	2.0		4411	9832	10343	5932	4374	4435	1.3375	33.77		
3	Cal	1.0		3285	10634	11293	8008	3248	3293	2.4318	30.70		
4	Mos	2.0		4659	10101	10626	5967	4622	4687	1.2731	32.14		
5	Post	1.0		3788	11460	12171	8383	3761	3804	2.2037	27.82		
6	Reg	2.0		3535	9078	9550	6015	3498	3547	1.6958	42.81		
	Blk			37									

Name	Body Weight	TBW (kg)	%TBW	$\frac{1-\%TBW}{0.92} = n$	%FAT
Bowling	65.91 kg	33.41	50.69	31	29.6
Butler	67.27	33.26	49.44	32	31.3
Calvert	60.00	30.24	50.40	31	30.0
Moseley	60.91	31.66	51.98	29	27.8
Post	52.27	27.40	52.42	28	27.2
Rogers	72.73	42.17	57.98	21	19.5

