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NATIONAL RESEARCH COUNCIL OF CANADA

20 March 1968

MEMORANDUM TO: Directors

THIS COPY FOR: Dr. G. Herzberg

Attached is data received from the Pay Research Bureau showing the number of professional staff engaged in scientific research and development work for various companies in Canada. I am in doubt about the accuracy of PRB totals for some firms.

You may have personal knowledge of the laboratory facilities of some of these industrial concerns and may be able to make a reasonably close estimate of the number of professional employees on their staff engaged in scientific research and development work. If so, I would be pleased to have your estimate as soon as possible.

A reply by Tuesday 26 March 1968 would be appreciated.

A.W. Tickner.

Attach.

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** 1 JULY 1967 INDUSTRIAL SAMPLE IN ORDER OF DESCENDING SIZE **

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		BACH.	MAST.	PHD.	TOTAL
**********	INDUSTRIAL SAMPLE 90+ STAFF				**********
258	IMPERIAL OIL	648	85	65	798
184	DUPONT	162	14	23	199
462	UNITED AIRCRAFT	134	5	1	140
337	NORTHERN ELECTRIC	74	32	28	134
081	CAN. MARCONI	108	13	0	121
010	ALUMINUM FIDUCIARIES	105	0	3	108
009	ALCAN	97	0	0	97
073	CAN. GENERAL ELECTRIC	73	17	7	97
	SUB TOTAL	1401	166	127	1694
**********	INDUSTRIAL SAMPLE 20-89 STAFF				**********
151	COMINCO	82	0	0	82
368	POLYMER CORP.	30	10	26	66
260	INTERNATIONAL CELLULOSE RES.	42	6	15	63
178	DOMTAR	32	4	21	57
144	COLUMBIA CELLULOSE	40	3	8	51
438	STEEL CO. OF CANADA	36	0	10	46
076	CAN. INDUSTRIES LTD.	13	8	21	42
023	AYERST, MCKENNA, AND HARRISON	3	2	34	39
372	PROCTOR AND GAMBLE	33	3	1	37
034	B. A. OIL	32	1	3	36
253	HUDSONS BAY MINING	31	2	0	33
290	MACMILLAN BLOEDEL	20	6	7	33
423	SHERRITT GORDON MINES	18	7	8	33
418	SHAWINIGAN CHEMICAL	19	4	7	30
375	PULP AND PAPER RESEARCH INST.	8	4	17	29
159	CYANAMID	25	0	2	27
475	UNIROYAL	10	3	14	27
102	CDN. WESTINGHOUSE	26	0	0	26
070	CANADIAN CELANESE	17	4	4	25
191	ELDORADO MINING	17	7	1	25
461	UNION CARBIDE	14	4	7	25
057	CANADA PACKERS	10	3	10	23
196	FALCONBRIDGE NICKEL	8	7	6	21
216	GENERAL FOODS	20	1	0	21
330	NORANDA RESEARCH	5	1	15	21
173	DOMINION FOUNDRIES	16	2	1	19
247	FRANK HORNER	12	2	5	19
	SUB TOTAL	619	94	243	956
**********	INDUSTRIAL SAMPLE 1-19 STAFF				**********
152	CONSOLIDATED PAPER	11	1	5	17
215	G.E. FROSST LTD.	4	1	12	17

262	INSTITUTE OF MICROBIOLOGY	3	5	9	17
109	CHEMCELL	5	3	8	16
385	RAYONIER CANADA LTD.	14	0	2	16
220	GIFFELS ASSOC.	13	2	0	15
311	MERCK SHARP AND DOHME	13	0	1	14
341	NORTON CO.	11	0	3	14
157	CROWN ZELLERBACH	12	0	1	13
165	DEHAVILLAND	8	3	2	13
347	OGILVIE FLOUR MILLS	10	0	3	13
013	ANGLO CDN. PULP AND PAPER	11	0	0	11
274	JOHNSON AND JOHNSON	10	1	0	11
150	CONNAUGHT LABS.	5	1	4	10
182	DUNLOP	2	2	6	10
259	IMPERIAL TOBACCO	5	1	4	10
181	DOW CHEMICAL	0	0	9	9
273	JOHN LABATT	1	4	4	9
350	ONTARIO PAPER	4	1	4	9
024	BACH-SIMPSON	6	1	1	8
089	C. P. AIRLINES	7	0	0	7
387	R. C. A. VICTOR	6	1	0	7
459	TRANS CANADA PIPELINES	7	0	0	7
001	ABITIBI	0	0	6	6
002	ACRES	5	0	1	6
056	CAN. IRON FOUNDRIES	5	1	0	6
095	CDN. REFACTORIES	4	1	1	6
072	CANADIAN COPPER REFINERIES	4	0	1	5
192	ELECTRIC REDUCTION	3	0	2	5
069	CANADIAN CANNERS	3	0	1	4
055	CANADA CEMENT	3	0	0	3
020	ATLAS STEEL	2	0	0	2
077	CAN. INGERSOLL RAND	2	0	0	2
188	E. B. EDDY	2	0	0	2
025	BAILEY METER CO.	1	0	0	1
028	BATHURST PULP AND PAPER CO.	1	0	0	1
062	CANADAIR	0	0	1	1
100	CDN. VICKERS	1	0	0	1
238	HAWKER SIDDELEY	0	0	1	1
265	INTERNATIONAL NICKEL	1	0	0	1
269	IRON ORE CO.	1	0	0	1
271	JOHN INGLIS	1	0	0	1
	SUB TOTAL	207	29	92	328
	TOTALS	2227	289	462	2978
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