

TABLE 6

**Financial Analysis of Canadian Benefits
From Arrow Lakes, Duncan Lake
and the Kootenay Extensions Below Libby⁽¹⁾**

(1) Year	(2) Projects Completed	(3) Incremental Power Sales In B.C. KWH x 10 ⁹	(4) Incremental Power Revenues At 4.0 Mills Per K.W.H. \$Million	(5) Flood Control Revenues \$Million	(6) Total Revenues \$Million	(7) Project Annual Cost (5½% Int.) \$Million	(8) Transmission Annual Cost ⁽³⁾ (5½% Int.) \$Million	(9) Total Annual Costs (5½% Int.) \$Million	(10) Net Annual Revenue \$Million	(11) Accumulated Net Revenue To Date \$Million	(12) Annual Profit On Net Revenues (5½% Int.) \$Million
1965	Arrow Lakes	0.288	1.152	52.100	53.252	4.670	6.592	11.262	41.990	41.990	2.309
66	Duncan Lake ⁽²⁾	1.361	5.444	11.100	16.544	6.892	6.888	13.780	2.764	47.063	2.588
67		2.434	9.736	0	9.736	6.892	7.183	14.075	-4.339	45.312	2.492
68		3.691	14.764	0	14.764	6.892	7.710	14.602	0.162	47.966	2.638
69	Exts. in West Koot.	5.041	20.164	0	20.164	7.463	8.159	15.622	4.542	55.146	3.033
1970	Canal Project	6.543	26.172	0	26.172	10.239	9.950	20.189	5.983	64.162	3.529
71		6.995	27.980	0	27.980	10.239	9.924	20.163	7.817	75.508	4.153
72		6.895	27.580	0	27.580	10.239	9.898	20.137	7.443	87.104	4.791
73		6.795	27.180	0	27.180	10.239	9.872	20.111	7.069	98.964	5.443
74		6.695	26.780	0	26.780	10.239	9.846	20.085	6.695	111.102	6.111
75		6.595	26.380	0	26.380	10.239	9.820	20.059	6.321	123.534	6.794
76		6.495	25.980	0	25.980	10.239	9.794	20.033	5.947	136.275	7.495
77		6.395	25.580	0	25.580	10.239	9.768	20.007	5.573	149.343	8.214
78		6.295	25.180	0	25.180	10.239	9.742	19.981	5.199	162.756	8.952
79		6.195	24.780	0	24.780	10.239	9.716	19.955	4.825	176.533	9.709
1980		6.095	24.380	0	24.380	10.239	9.690	19.929	4.451	190.693	10.488
81		5.995	23.980	0	23.980	10.239	9.664	19.903	4.077	205.258	11.289
82		5.895	23.580	0	23.580	10.239	9.638	19.877	3.703	220.250	12.114
83		5.795	23.180	0	23.180	10.239	9.612	19.851	3.329	235.693	12.963
84		5.695	22.780	0	22.780	10.239	9.586	19.825	2.955	251.611	13.839
85		5.632	22.528	0	22.528	10.239	9.560	19.799	2.729	268.179	14.750
86		5.463	21.852	0	21.852	10.239	9.516	19.755	2.097	285.026	15.676
87		5.294	21.176	0	21.176	10.239	9.472	19.711	1.465	302.167	16.619
88		5.125	20.500	0	20.500	10.239	9.428	19.667	.833	319.619	17.579
89		4.956	19.824	0	19.824	10.239	9.384	19.623	-.201	337.399	18.557
1990		4.787	19.148	0	19.148	10.239	9.340	19.579	-.431	355.525	19.554
1991 ⁽⁴⁾		4.618	18.472	0	18.472	10.239	9.296	19.535	-1.063	374.016	20.571 ⁽⁴⁾

NOTES: (1) This analysis does not include Mica which, in addition to its substantial downstream benefit advantage under the Treaty, will make possible very large power production in Canada.
(2) Cost of Libby flowage in Canada added in 1966.
(3) Annual transmission costs include the \$1.50 per k.w. paid to U.S. for standby downstream benefit transmission.
(4) Interest on accumulated benefits has exceeded annual costs at this point. Interest will continue to increase and costs will continue to decline from here on. The profit of the projects is thus assured. Substantial power benefits will continue to be derived.