

their requirements so different that we shall be unable to get the type of agreement that is necessary for us with properly defined principles. A co-ordination agreement could be worked out to provide equal and full benefits to Canada without too much loss to the United States.

In the principles it was recognized that it might be necessary to compensate the upstream nation in monetary terms to equalize benefits. Principle No. 2 was intended to provide in advance of construction of upstream storage a long range estimate of the expected benefits of the international co-operative undertaking. The estimates of benefits expressed in power or in monetary terms if necessary would be determined on the basis of an assured plan of operation. However, as you see, no heed has been taken of the difference in the load and requirements of the two countries, and what Merz and McLellan tell us, arises.

Mr. HERRIDGE: I have some more questions, but I shall cease my questioning at this time and at this point.

The CHAIRMAN: Now, Mr. Pugh.

Mr. PUGH: Thank you, Mr. Chairman. I have one or two questions here. I am glad you cleared up the point about the 200 hours because I gathered you spent some considerable time digging on the Columbia river. How far back in years would that go?

Mr. BARTHOLOMEW: Oh, about four of five weeks.

Mr. PUGH: No, I mean in years? When did you first become interested in the Columbia?

Mr. BARTHOLOMEW: I thought you were referring to the 200 hours.

Mr. PUGH: No, I believe that has been cleared up. How many hours did you spend on it?

Mr. BARTHOLOMEW: I am not quite sure, but I think it would be at least 2,000 or 3,000.

Mr. PUGH: When was your interest first directed to the Columbia river?

Mr. BARTHOLOMEW: In 1956 and 1957. I made a couple of trips through the valley. I do not know if you would call them a time study, but I was interested, and in 1959 I circularized government people here and at Victoria, as I think I told you, indicating the basic principles that I thought should be incorporated in the treaty. And it was before then that I started working with the board of trade. I suppose it has been going on rather intensely for six or seven years.

Mr. PUGH: Well, during the course of that study did you examine all the reports as they came out?

Mr. BARTHOLOMEW: It is very difficult to keep track of all reports. I did study reports as I could get them and as they came out. I dare say there are reports that I have not seen, but I have seen dozens. I brought a few of them here with me, but I had to leave a lot of material at home which I did not think was absolutely essential.

Mr. PUGH: Did you study the latest report of the Montreal Engineering Company dated March, 1964?

Mr. BARTHOLOMEW: No sir. Nobody ever sent it to me. If I could get them to send me a copy I would be glad to study it. I do not know if in the time since then I would have had the time to do it, that is, to make a study of it, but I have not studied that report.

Mr. PUGH: One point that you did make was that there was no appraisal of load. I take it you feel there was no examination made of power requirements by the province of British Columbia in relation, for instance, to the projects in British Columbia?