

The CHAIRMAN: Yes, thank you Mr. Robichaud. In respect of any further information which is presented by members of the department, we have them mimeographed? There are 35 members of our committee and if we could have 35 copies it would help matters.

Mr. AIKEN: Are these stream gauging surveys done by your department or by Technical Surveys?

Mr. PATTERSON: The stream gauging program throughout the country is carried on by our branch, sir. Mines and Technical Surveys operate level reporting gauges on tidal waters and in the Great Lakes for hydrographic chart purposes.

Mr. AIKEN: I knew that Mines and Technical Surveys did a considerable number of these tests and I wondered what the division was. They are just on the Great Lakes and on the coastal waters?

Mr. PATTERSON: That is right, and they are not concerned with the flow of water; they only record elevation and they do not tie that into discharge.

Mr. AIKEN: Thank you.

The CHAIRMAN: Any further questions from Mr. Patterson?

Mr. MARTEL: Mr. Patterson, I understand there will be a study made of each different area we have covered. I understand there has been a survey made in what I would call the Hudson bay basin, the Rupert river and the Bell river.

Mr. PATTERSON: We are operating gauges on those rivers in cooperation with the Quebec hydraulic resources branch.

Mr. MARTEL: In reply to a question by Mr. Korchinski, who asked:

Any legislation which may be brought in in the future would have to be in a manner in which the federal government merely cooperates with the provinces. It seems to me the provinces have the right over their natural resources.

—The minister said:

What you say is essentially true with the exception of waters which comprise a boundary. In that case we have an international responsibility.

Would that mean that those resources in the north on Hudson's bay or James bay basin be considered as boundaries because they come into the basin?

Mr. PATTERSON: No sir, the only reason that the federal interest is in there is through agreement with the province of Quebec. The province of Quebec has recognized the desirability of uniform records across the country, so that when a flow is given in British Columbia it means the same thing as a similar flow given in the province of Quebec. For many years we have had very fine cooperation with the province of Quebec through the Quebec hydraulic resources branch and the Quebec streams division.

Mr. CÔTÉ: I think when the minister used the words "boundary waters" he had in mind the term used in the Boundary Waters Treaty of 1909, namely, those waters through which the international boundary runs.

Mr. MARTEL: With the United States?

Mr. CÔTÉ: Yes.

Mr. MARTEL: Not between each province?

Mr. CÔTÉ: No; I think, when he said that, Mr. Martel, he had in mind the international boundary waters.

The CHAIRMAN: Well, if there are no further questions of Mr. Patterson I think we will thank him very much and Mr. McLeod, I understand, is going to report.