

Passamaquoddy Project are unprecedented anywhere in the world and their solution will require a great deal of costly foundation exploration, field surveys and engineering analysis", and the Board points out that "in an undertaking of this magnitude there is no short-cut that will provide dependable data on which to base sound judgment", and that "full assurance in answer to the question of feasibility of an international tidal electric power project at Passamaquoddy Bay can be given only after very careful and detailed investigations have been made".

CONCLUSIONS

The International Joint Commission has reviewed the Board's Report, has given consideration to the views expressed by interested parties, and to other matters of record and has reached the following conclusions which the Commission states in answer to the respective questions under Reference:

1. The review of existing plans for the development of tidal hydro-electric power at Passamaquoddy Bay in Maine and New Brunswick and the evaluation of available information shows that additional information is required to enable a conclusion to be reached as to whether any one of the existing or other plans for the development of tidal power at this location is practicable, and is desirable from the point of view of public convenience and necessity.

The critical feature, in making use of the large quantities of energy in the tides at Passamaquoddy Bay which is potentially available for conversion into electric energy, lies in the dams and as to whether or not these dams can in fact be built at the particular locations required and at a cost which is economically practicable.

The question of the practicability of the construction of these dams depends principally on the foundation conditions at the respective sites. Adequate information in this connection to permit conclusions to be reached is not at present available.

2. The scope of the investigation envisaged by the Commission's competent engineering Board as necessary to determine whether an international Passamaquoddy tidal electric power project is practicable, and desirable from the point of view of public convenience and necessity is set forth in the attached report^x of the

x not attached to press release

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