

Questions

the Bay of Fundy; energy supply and demand, aggregation of statistics dealing with energy obtained from different sources and in various forms; feasibility and optimal design of gas pipe line facilities; transmission of oil in pipe lines also designated to carry other commodities; and oil and gas pipe line material, metalurgy and welding.

4. (a) Dr. R. D. Howland, Chairman—Member—Royal Commission on Energy 1957-59; Mr. D. M. Fraser, Vice-Chairman—Director of the Energy Studies Branch, Department of Trade and Commerce; Mr. H. L. Briggs, Member—General Manager of the British Columbia Power Commission; Mr. Maurice Royer, Member—Consulting Engineer; Mr. J. G. Stabback, Member—Chief Engineer, National Energy Board.

(b) No. Section 3(5) of the National Energy Board Act prescribes as follows: "A person is not eligible to be appointed or to continue as a member of the Board if he is not a Canadian citizen or if as owner, shareholder, director, officer, partner, or otherwise, he is engaged in the business of producing, selling, buying, transmitting, exporting, importing or otherwise dealing in hydrocarbons or power or if he holds any bond, debenture or other security of a company".

5. (a) Based on estimates of the volumes of sediments within the various basins in Canada and a comparison with other sedimentary basins of the world, which are in more advanced state of development, the Canadian Petroleum Association estimated the potential reserves of raw natural gas in Canada, to be some 725 trillion cubic feet.

(b) The Canadian Petroleum Association's estimate of proved remaining marketable reserves of natural gas at 31 December, 1968, was some 48 trillion cubic feet.

6. (a) Based on estimates of the volumes of sediments within the various basins in Canada and a comparison with other sedimentary basins of the world, which are in more advanced state of development; the Canadian Petroleum Association estimated the potential reserves of crude oil and natural gas liquids to be some 120 billion and 20 billion barrels, respectively. In addition, recoverable reserves of upgraded synthetic crude oil, have been estimated to be some 300 billion barrels.

(b) The Canadian Petroleum Association's estimate of proved remaining recoverable liquid hydrocarbon reserves in Canada, at 31 December, 1968, were 10 billion barrels. The Association has estimated that the remaining

[Mr. Greene.]

proved reserves, which could be recovered by the existing oil sand plant, is some 6 billion barrels. (The National Energy Board does not have information on other minerals or fuels marketed in Canada.)

NATIONAL ENERGY BOARD PLANNING

Question No. 820—Mr. Thomson:

1. What planning has been carried out by the National Energy Board in conjunction with the Emergency Supply Planning Branch of the Department of Supply and Services?

2. For what types of emergency in the petroleum industry is contingency planning made?

3. Does the government have any knowledge of overcapacity at any level of the petroleum and natural gas industry in Canada at the present time and, if so, what is the nature and extent of the overcapacity and what effect does it have on prices?

Hon. J. J. Greene (Minister of Energy, Mines and Resources): 1. The National Energy Board has played a major role in studies and the development of plans concerning energy by the Emergency Supply Planning Branch (ESPB) of the Department of Supply and Services in accordance with the latter's responsibilities for such matters.

2. Contingency planning is made relating to the petroleum industry against the possibility of an armed attack on Canada.

3. The National Energy Board is not aware of any significant overcapacity in the natural gas industry in Canada. During 1968 the level of production of crude oil was about 53 per cent of the oil field's ability to produce crude oil. The transportation facilities had a capacity to deliver some 25 per cent in excess of the 1968 level of production. There are no indications that the overcapacity has had any effect on prices.

COMPANION OF THE ORDER OF CANADA AWARDS

Question No. 874—Mr. Diefenbaker:

1. How many awards of the Companion of the Order of Canada have been made to date?

2. Of the awards made, how many of the recipients have been Civil Servants present or past?

3. What persons constitute the Committee on recommendations?

Mr. J. E. Walker (Parliamentary Secretary to Prime Minister): I am informed by the Registrar of the Order of Canada as follows: 1. As of March 10, 1970, 100 Companions have been appointed to the Order of Canada, of whom 16 are deceased, leaving a balance of 84 living Companions.