Canadian Chemical and Cellulose Company Limited.—This Company is developing an active and expanding research and development program through two of its operating subsidiaries, Columbia Cellulose Company, Limited and Canadian Chemical Company, Limited. The former operates a pulp mill at Prince Rupert, B.C., and is carrying out intensive cellulosic research in well equipped pilot plants and laboratories. The latter has a petrochemical plant at Edmonton. A Manager of Research and Development has recently been appointed and an intensive schedule of product and process development has been initiated.

The Consolidated Mining and Smelting Company of Canada Limited.—The Consolidated Mining and Smelting Company conducts research over a broad field embracing process studies in extractive metallurgy and chemical processes, fundamental studies in ore dressing, pyrometallurgy, electrochemistry, gas reactions, etc., and the investigation of the properties and utilization of non-ferrous metals. Recent developments include the commercial production of indium metal and the production of various metals in a state of extreme purity for research and special uses.

Dominion Rubber Company Limited.—The Dominion Rubber Company maintains a well equipped research laboratory which carries on basic research in the field of organic chemistry. Particular emphasis is given to the development of new and improved chemicals required by the rubber industry, including such items as accelerators, activators, antioxidants and the basic chemicals required for the production of synthetic resins.

Imperial Oil Limited.—The Research Department of Imperial Oil Limited in its laboratories at Sarnia, Ont., employs 120 chemists, technicians and clerks. It conducts fundamental studies on fuel composition, lubrication and the characteristics of asphalts and waxes. The scope of work also includes evolving new methods of refining, improving existing processes, developing new products and extending the application of established products as well as improving their quality. Features of the Department are the well-equipped engine and asphalt laboratories, the library facilities and the standardization laboratory that acts in a refereeing capacity and monitors the accuracy and precision of analytical procedures employed in the refinery laboratories across the country. At the present time the research laboratories are undergoing considerable expansion.

International Nickel Company of Canada Limited.—The International Nickel Company of Canada Limited carries out both fundamental and applied research in very efficient and well equipped laboratories operating at Copper Cliff, Ont. These laboratories are entirely devoted to research in the process fields but the Company, through its subsidiaries in the United States and the United Kingdom, carries out fundamental work in the physical metallurgy fields.

Maple Leaf Milling Company Limited.—The Research Department of the Maple Leaf Milling Company conducts both applied and fundamental research on materials and methods of flour milling, bread and cake baking and on prepared household mixes. Through its Products Control Branch, it also standardizes the quality control laboratories in its various mills throughout the country. Sanitation packaging control are also centred in the research laboratories.

Shawinigan Chemicals Limited.—For over forty years this Company has been actively engaged in fundamental and applied research. From its extensive and well equipped research laboratories at Shawinigan Falls, Que., have come pioneering developments in such widely diverse fields as electrometallurgy, organic chemicals, and synthetic plastics. Many of these developments form the basis of worldwide industries.

Polymer Corporation Limited.—This Corporation maintains one of the largest industrial research organizations in Canada. Its Research and Development Division is well equipped to study all phases of synthetic rubber development from the evolution of polymerization recipes and research on new raw materials, through studies of physical properties and