

breakwaters, riverbeds, canal locks, ships and propellers; aeronautical facilities such as wind tunnels, jet-engine test beds, low-temperature installations for icing-research on aircraft and helicopters; fire-research apparatus for the destructive testing of floors, walls and building components. Increasing use of these facilities is made by scientists and engineers from industry working along with NRC staff.

The Council's researchers have achieved international recognition in areas of applied research such as corrosion, physical standards, noise research related to construction, snow and ice research and photogrammetry.

In 1961 NRC appointed an Advisory Committee on Industrial Research, the aim of which was to bring industrial management into closer contact with the work of NRC and to keep NRC informed of the problems of industry. The Committee, composed largely of top management representatives of leading Canadian companies, also considers ways of encouraging greater research activity within industry.

NRC's Industrial Research Assistance Programme grew to an estimated \$4.5 million in 1966-67. Since the Programme began in 1962, total industrial research effort has been initiated in industry amounting to more than \$50 million, shared between company and government funding. Industrial research positions created by the Programme now total more than 800.

Technical Information

NRC's Technical Information Service, established in 1945, provides, without cost, information and advice on technological matters to Canadian firms. Its industrial engineers give direct assistance and advice especially to small firms on improvement of their plant layout, efficiency of operating and good plant management. This service answers about 14,000 enquiries a year from Canadian industries.

Physical Standards

NRC maintains, and improves by research, the primary physical standards for Canada (for precise measurements of length, mass, heat, electricity, time, etc.) and enters into international agreements concerning weights and measures.

Associate Committees

NRC maintains 45 associate committees to deal with special problems of national concern. Members serve without salary other than travelling and living expenses. Each committee has defined objectives; when these are accomplished, the committee is disbanded. Typical areas of interest are geotechnical research, computers, forest-fire protection, aerodynamics, automatic control, radiation biology and space research.

Scientific Attachés

NRC provides scientific attachés for the Canadian embassies in Paris, London and Washington. These offices also assist in the exchange of technical information.