

the consolidation of farms elsewhere throughout Canada. I feel that the implementation of this plan through the close co-operation of the Government of Ontario and the Government of Canada will do much to enable farmers to form economically viable farm units, and will strengthen the competitive position of our agricultural industry....

REACTOR COMMEMORATED

A plaque commemorating the "start-up" of Canada's first nuclear reactor 21 years ago was unveiled at the Chalk River Nuclear Laboratories of Atomic Energy of Canada Limited on June 18. A chain reaction was initiated in the ZEEP reactor on September 5, 1945. ZEEP was the first reactor in the world to be designed and put into operation outside the United States.

The ceremony at Chalk River was sponsored by the Ottawa Valley Historical Society, with the co-operation of Atomic Energy of Canada Limited, during the annual convention of the Ontario Historical Society in Pembroke, June 16 to 18. The plaque is one of a series being erected throughout Ontario by the Department of Tourism and Information, acting on the advice of the Archeological and Historic Sites Board of Ontario.

As the result of an agreement between the Governments of Britain and Canada, a team of Canadian, British and French scientists was assembled in Montreal and Ottawa during 1942-43, under the administration of the National Research Council, to design a large heavy-water type of reactor to produce plutonium for possible use in nuclear weapons. This reactor, known as NRX, did not go into operation until July 22, 1947, two years after the Second World War came to an end. When the war ended, the objectives of the Canadian nuclear programme were re-directed to the peaceful uses of nuclear energy, and by mid-1946 the Anglo-Canadian project had become essentially a Canadian enterprise.

BIGGEST STRATFORD BOX-OFFICE

Three months after the opening of the Stratford Festival box-office on February 28, returns are running some \$5,400 ahead of the same period in 1965 - a record year. Sales for the 1966 season, due to open June 6, were \$491,355 to the close of business on May 28. For the comparable period last year, returns totalled \$485,941.

Of the three Shakespearean plays, *Twelfth Night* is leading in advance sales, closely followed by *Henry V*, and *Henry VI*.

AVON THEATRE

All productions scheduled for the Avon Theatre are well patronized, and it looks as if a record season is likely for this theatre also. At the Avon are the

two contemporary plays, *The Last of the Czars* by Michael Bawtree and Strindberg's *The Dance of Death*, the opera *Don Giovanni* and the première of a new full-length ballet, *Rose Latulippe*, presented by the Royal Winnipeg Ballet.

As usual, performances for students are heavily booked, and an estimated 60,000 students are expected to attend capacity presentations.

The fourteenth annual season extends from June 6 to October 8.

NAVY SALUTES CENTENNIAL

As part of Canada's centennial celebrations, the Department of National Defence is arranging naval assemblies and visits by Commonwealth and foreign naval vessels during the summer of 1967. Forty-six Commonwealth and foreign countries have been invited to participate.

The principal events will be a Canadian Centennial Naval Assembly, Atlantic, at Halifax from June 21 to 26, a Canadian Centennial Naval Assembly, Pacific, in the Vancouver-Victoria area from July 14 to 25, and a summer-long series of ships' visits to Expo '67 in Montreal. The two assemblies, the largest ever held in Canadian waters, will feature, among other events, international naval parades, concerts, fireworks and illuminations.

On behalf of the Canadian Government, the RCN will be host to the 22 navies invited to the Atlantic assembly and the 14 navies invited to the Pacific assembly, the culminating event for each being the inspection by a distinguished personage, a traditional naval ceremony. All countries participating in Expo '67 that possess naval forces have been invited to send ships to the exhibition, which will be host on behalf of the Canadian Government. RCN ships will visit 85 Canadian communities during centennial year.

RADIATION UNITS FOR INDIA

Two nuclear-radiation units, for experiments on the preservation of food and the disinfection of grain, are being designed and manufactured for India by the Commercial Products group of Atomic Energy of Canada Limited. They will be shipped to India's Atomic Energy Establishment at Trombay.

The irradiators are being financed through Canada's programme of external assistance, which is administered by the External Aid Office. The Indian Department of Atomic Energy will provide the buildings to house the units and will operate them.

FOOD EXPERIMENTS

The larger of the irradiators, which will convey packages of material through a beam of gamma rays given off by *cobalt-60*, will be used for experimental studies of irradiated foods - particularly fish, fruits