

## CUBAN ENVOY INSTALLED

On January 27, His Excellency Luis A. Baralt presented to the Governor General his Letters of Credence as Ambassador Extraordinary and Plenipotentiary of Cuba to Canada. The ceremony took place at Government House.

The Chief of Protocol, Mr. H.F. Feaver, presented the Ambassador to the Governor General. The Under-Secretary of State for External Affairs, Mr. N.A. Robertson, and Mr. Esmond Butler, Secretary to the Governor General, were in attendance on the Governor General on this occasion. The Ambassador was accompanied by Miss J. Hortensia Rodriguez, Attaché of the Embassy.

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## NEW SEWAGE-DISPOSAL METHOD

Royalty-free access to new scientific methods of sewage disposal was recently offered to Canadian municipalities by Resources Minister Hamilton. The new technique was developed and patented by the Pulp and Paper Research Institute of Canada. In making the announcement of a royalty-free offer to government agencies of all levels, the Minister was joined by Chairman F.L. Allen of the Institute.

"For many years now", Mr. Hamilton stated, "Canada's pulp and paper industry, McGill University and the Government of Canada have carried on valuable research through the Institute in order to support the world competitive position of Canada's prime industry. I am grateful that the directors of the Institute should have unanimously agreed that any government in Canada - be it municipal, provincial or federal - should receive the royalty-free use of this new technique for sewage disposal in recognition of the Federal Government's practical support of research in the Institute."

The Atomized Suspension Technique process was invented by Dr. William H. Gauvin, head of the Institute's Chemical Engineering Division, in the course of research into the recovery of sulphur and other chemicals from the spent liquors of pulp-mills. When the possibility of applying AST to the disposal of sanitary wastes became evident, the Institute directed its efforts to a successful community-scale demonstration. The nearby town of Beaconsfield, Quebec, provided the site, the associated sewer collecting system, the settling tanks and auxiliaries. The National Welding Company, Limited, of Montreal, designed, erected and installed the first AST unit, costs to be borne by the community if the test was successful. It was declared successful on December 1, 1959.

The small plant takes the sludge from the settling tanks and injects it through atomizing nozzles at the top of a small 20-foot steel column. The extreme heat within the

column calcines the solids. A day's sewage sludge from the community of 12,000 would become a few bags of harmless ash. Chlorination of the liquid overflow from settling tanks may be necessary before it is discharged into rivers or lakes.

The Minister's announcement points out that government agencies desiring to avail themselves of the royalty-free offer must apply to the Pulp and Paper Research Institute of Canada, 3420 University Street, Montreal 2.

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## STRATFORD CASTS MADE PUBLIC

Christopher Plummer, the Canadian actor who has shot to fame in a succession of Broadway television and movie successes, will return to the Stratford Shakespearean Festival in the summer of 1960, Michael Langham, Festival artistic director, announced recently.

On the same platform-stage where, in other years, he played Hamlet, Henry V, Sir Andrew Aguecheek and the love-struck Benedick, Mr. Plummer will be seen as Mercutio in "Romeo and Juliet" and as Philip the Bastard, in "King John." This will be his first appearance at the Stratford since 1958, when he played leading roles in the first part of "Henry IV," "The Winter's Tale" and "Much Ado About Nothing."

At Stratford, Mr. Plummer will re-join an acting companion of long standing -- Julie Harris, with whom he appeared on Broadway in "The Lark" and in such television productions as "Little Moon of Alban," "Johnny Belinda" and the recent "Doll's House." Miss Harris is to play Juliet in "Romeo and Juliet" and Blanch of Spain in "King John."

Mr. Langham also announced that the Festival had signed Jake Dengel, one of the "finds" of the 1959 season, for the role of Puck in "A Midsummer Night's Dream." Mr. Dengel, small and wiry, who appeared in both "Othello" and "As You Like It" during the 1959 season, will also be seen as the Apothecary in "Romeo and Juliet."

Ann Casson will appear for the first time on the Festival Theatre stage as Lady Montague in "Romeo and Juliet" and as Constance in "King John." Miss Casson (Mrs. Douglas Campbell in private life, and the daughter of Sir Lewis Casson and Dame Sybil Thorndike) has appeared previously only during the music season of 1958, when she played one of the principal roles in "The Beggar's Opera" in the Avon theatre.

Sydney Sturgess has been signed for the role of Elinor in "King John." Miss Sturgess was previously seen at the Stratford Festival in "The Winter's Tale" in 1958.

Hayward Morse (son of Barry Morse and Sydney Sturgess), will play the tragic Prince Arthur in "King John." Twelve-year-old Hayward, one of the leading child actors of Canada, recently rose to international prominence when he co-starred with Ingrid Bergman in the television production of "Turn of the Screw."