

Pickering's Importance to Our Society

With a total capable output of 4,120 megawatts, Pickering units A and B supply enough energy for approx. 2 million homes. This is a vital contribution to the power grid. Located 35km East of Toronto, in the town of Pickering, these CANDU reactors are the largest in the world. Even with this grander, Pickering is able to produce its enormous electrical output by nuclear fission using natural uranium fuel for a whole year with no more fuel than would fill a two car garage. This relates to virtually zero air emissions, and a simple fuel supply. Uranium(U308) is mined by the Crown Corp. Eldorado-Cameco, in Saskatchewan, and processed in Port Hope into UO₂ for use in the CANDU reactor. With an ever increasing demand for electricity, nuclear energy is the fuel for the future.

With the advent of robust engineering, coupled with extensive personnel and city wide safety, Pickering will supply a fair share of Ontario with electricity for years to come. By incorporating local views and concerns on all aspects of nuclear technology, ranging from radiation emissions to waste control, Ontario Hydro strives for a strong community friendship.

Continuing Education

All employees within Ontario Hydro are continuously updating their knowledge about the electrical generating system and the associated power grid. From monthly safety seminars to focused yearly courses, our employees are one of the best trained in North America.

We are Growing



Pickering-A facilities on the shore of Lake Ontario

Pickering-B is currently being built to provide ample energy for the growing population



SOURCE

A part of the community since 1965 · Volume2 · Number1 · Winter 1983

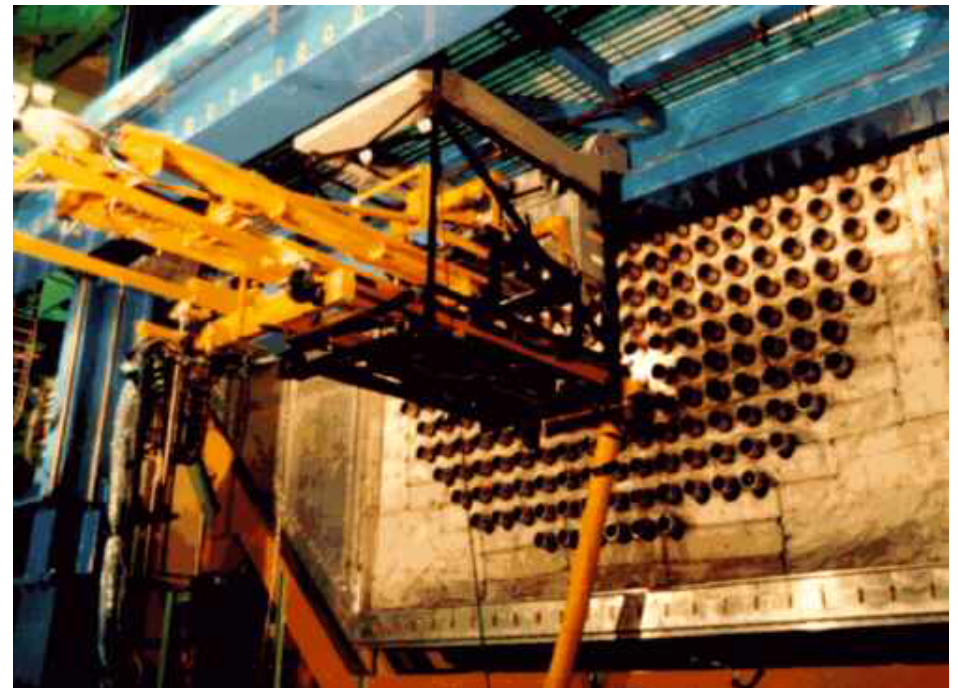
Community Report

Weekly Activities

Over the course of the summer, Ontario Hydro at Pickering will be host to many family activities. These range from a BBQ Day, Plant Tours, and Family Safety Day. Scheduling will be finalized by the next issue, April '84.

Situation Normal

On August 1st, a potential hazard was prevented by the well trained employees at Pickering-A. Alarms were tripped at 11:09a.m. due to a minor leak in one of the many pipes in the Heat Transfer system. Upon confronting the leak, operators calmly set the process in motion to shut down Unit 2 in order for repairs to commence. With the well engineered failure analysis protocol, and an axiomatically uncoupled design in the piping, exposure to any form of radiation was prevented.



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