

## **PIN-3 Long Range Radar Station Lady Franklin Point Project Summary**

The PIN-3 Long Range Radar (LRR) Station at Lady Franklin Point was originally constructed in the late 1950's and was upgraded in the mid 1980's. In 2000, the main interconnected structures of the PIN-3 station suffered extensive fire damage. The radar tower, powerhouse and some modular units were destroyed.

After the fire, environmental clean-up work was required. Ash plume deposits were collected and stockpiled in an engineered facility in May 2000. Stockpiled deposits, debris as well as contaminated soil were removed in 2003. The area where the destroyed buildings once stood now consists of a gravel pad.

The current project involves the construction and operation of a new radar tower, communication shelter, accommodation and utility building trains, two independent power plants and associated infrastructure in order to return the station to its full pre-fire operational capability. The existing vehicle refueling station does not meet current code requirements and is to be demolished and replaced as a part of this project. The site's electrical grounding system was badly damaged during site cleanup so new electrical grounding and distribution systems will be installed. Construction is anticipated to begin in summer 2010 and be complete in fall 2012.

The new facilities will be constructed on the former sites of the damaged structures. Crushed gravel will be required for leveling and re-grading of some parts of the project location. This material will be provided by crushing material from existing borrow sites within and in the vicinity of the PIN-3 LRR station.

The project will require the construction, operation and removal of a camp to accommodate workers. Approximately 30 staff are anticipated to be housed by the temporary camp during construction seasons.

Once operational, the PIN-3 LRR Station will be unmanned. Maintenance crews, consisting of five to seven workers, will visit the site on a quarterly basis to perform site inspections, routine equipment maintenance and refill fuel tanks.

Formal plans, designs and drawings will be provided by the Department of National Defence once design consultants are selected for the project.