

1. The reaction of imported acid-grade fluorspar with sulphuric acid by expansion of existing plants.
2. The production of acid-grade fluorspar from Australian fluorite ores for subsequent reaction with sulphuric acid at the existing (expanded) plants.
3. The chemical treatment of Australian fluorite ore via one of the following processes.
 - A. Pyrohydrolysis
 - B. Aluminium sulphate leaching
 - C. Roasting with ammonium sulphate.

The study was also intended to include the costs of processes for the recovery of fluorine from phosphate fertiliser plant exhaust gases, but it has not been possible to include these costs within the time and finance available.