

—Company Notebook—

SALE OF GEORGIA KAOLIN

The sale of most of Georgia Kaolin Corporation's operations to ECC Group, based in Cornwall, England has recently been approved. Included in the sale were Georgia Kaolin's pits and two plants near Sandersville, GA, and pits and high-solids plant near Wrens, GA. Also included in the sale were corporate offices in Macon, GA and the GK Carbonates Division with precipitated calcium carbonate operations in Washington, Oregon, South Carolina and Saskatchewan.

CARPCO SEPARATORS AT NORD RESOURCES, OHIO

Carpco has worked closely with Nord Resources of Dayton, Ohio, in the process design and equipment supply of a complete industrial minerals reclaim facility. The saleable minerals being produced from the facility include zircon, rutile and ilmenite. The tailings reclaim flowsheet consists of a series of wet gravity concentration followed by surface preparation and drying. The heavy mineral concentrate is processed on electrostatic and magnetic separators to produce rutile and ilmenite. Zircon is produced in a circuit that comprises tabling, spiraling and electrostatic and magnetic separation.

CARPCO OFFERS IGC's MAGSTREAM

The IGC's Magstream separator is now marketed by Carpc. The separator performs precise separations of mineral particles over a density range extending from 1.3 g/cm^3 to 21.5 g/cm^3 by use of a non-toxic, water-based ferromagnetic fluid. The bench-scale Magstream 50 unit is designed for batch separation of approximately 200 g of material with particle size between 60 and 600 micrometers.

MAGNETIC CEMENT EASES ANALYSIS

Sumitomo Cement Co. and NEC Environmental Engineering Ltd. have come up with a new use for ferrite particles that may discourage builders from cutting corners when constructing concrete structures. Ferrite can be added to powdered cement in amounts of 3 per cent by volume without affecting the properties of the cement. Since the volume of ferrite in the cement is known, the magnetism detected later in the finished concrete structures reveals the amount of cement used in making the concrete.

BOXMAG-RAPID INTRODUCES SUPAROLL

Boxmag-Rapid Ltd. has announced an improved design of the permanent roll magnet. The magnet is used in rare-earth magnetic separators and combines technical advances in rare-earth magnet technology with improved magnetic circuit design. It is claimed that the roll generates 40 per cent greater magnetic field and doubles the magnetic force compared to standard Magnaroll unit.

NKK SYSTEM FINDS FAULTS MAGNETICALLY

NKK Corp. of Japan has developed an on-line high-speed defect discovery system that can magnetically detect the existence of microfine impurities and other defects in running steel sheet or can stock. The magnetic sensor can detect an element as small as $5 \cdot 10^{-4} \text{ mm}^3$ which can cause cracks in the can. The system uses a double-roll structure: it has upper and lower rolls between which steel sheet is run. One roll incorporates electromagnets that magnetize the steel sheets, and the other has a detection head consisting of an array of magnetic sensors.

ANGLO AND GENMIN IN NEW PARTNERSHIP

A consortium of companies from South Africa's two biggest mining houses, Anglo American Corp. and Gencor, has reached agreement with the Barlow Rand Group to buy the stainless steel and ferroalloy assets and equity of Middelburg Steel and Alloys, plus the the groups chrome interests, for about US\$370 million.