SECTION I - HYDRAULIC BRAKE SUMMARY

A. Tabulation of Features

Cutler-Hammer is now releasing for sale a complete line of industrial type hydraulic brakes to supplement the existing Type 506 electro hydraulic brakes and our Type 505 magnetic brakes. The offering of hydraulic brakes can be classified as follows:

Type 509	Straight Hydraulic Brakes (new)
Type 506	Electro Hydraulic Brakes (existing)
Type 506	Power Assist Package for use with either Type 509 or Type 506 brakes (new)

The main application for these brakes is on crane bridge drives. In addition, hydraulic brakes have been used extensively on transfer cars, paper machinery drives and winches.

Some of the key features of this line of brakes are as follows:

1. AISE and NEMA standard brake sizes (8", 10", 13", 16", 19").
2. Use of common parts with the Type 505 magnetic brakes.
3. Designed for use on single, duplex and quadruplex brake applications.
4. Available for use with either 440 volt A.C. power or 230 volt D.C. power (Type 506).
5. Power assist brake with infinitely variable torque application features.
6. Foot pedal or pendant pushbutton controls, hydraulic reservoir, tubing and fittings designed for heavy duty industrial applications.

Possibly the most important sales features will be the AISE standard sizes and the compatibility of our Bulletin 505 brakes. On many new crane applications Cutler-Hammer has supplied all electrical control, bracket and accessories, except the bridge motion brakes which were specified hydraulic. Cutler-Hammer can now supply the complete control and brake package for these cranes.

Our primary competition, Wagner Electric Corporation, offers only non-standard brake sizes, and hydraulic brakes is the only product line that they sell to the crane market and heavy industry.

The infinite adjustment feature of our Power Assist Brakes cannot be supplied by either Wagner Electric or by the Square D AT brake. This feature allows continuous foot pedal or pendant pushbutton torque adjustment rather than the step type brake application available from others.