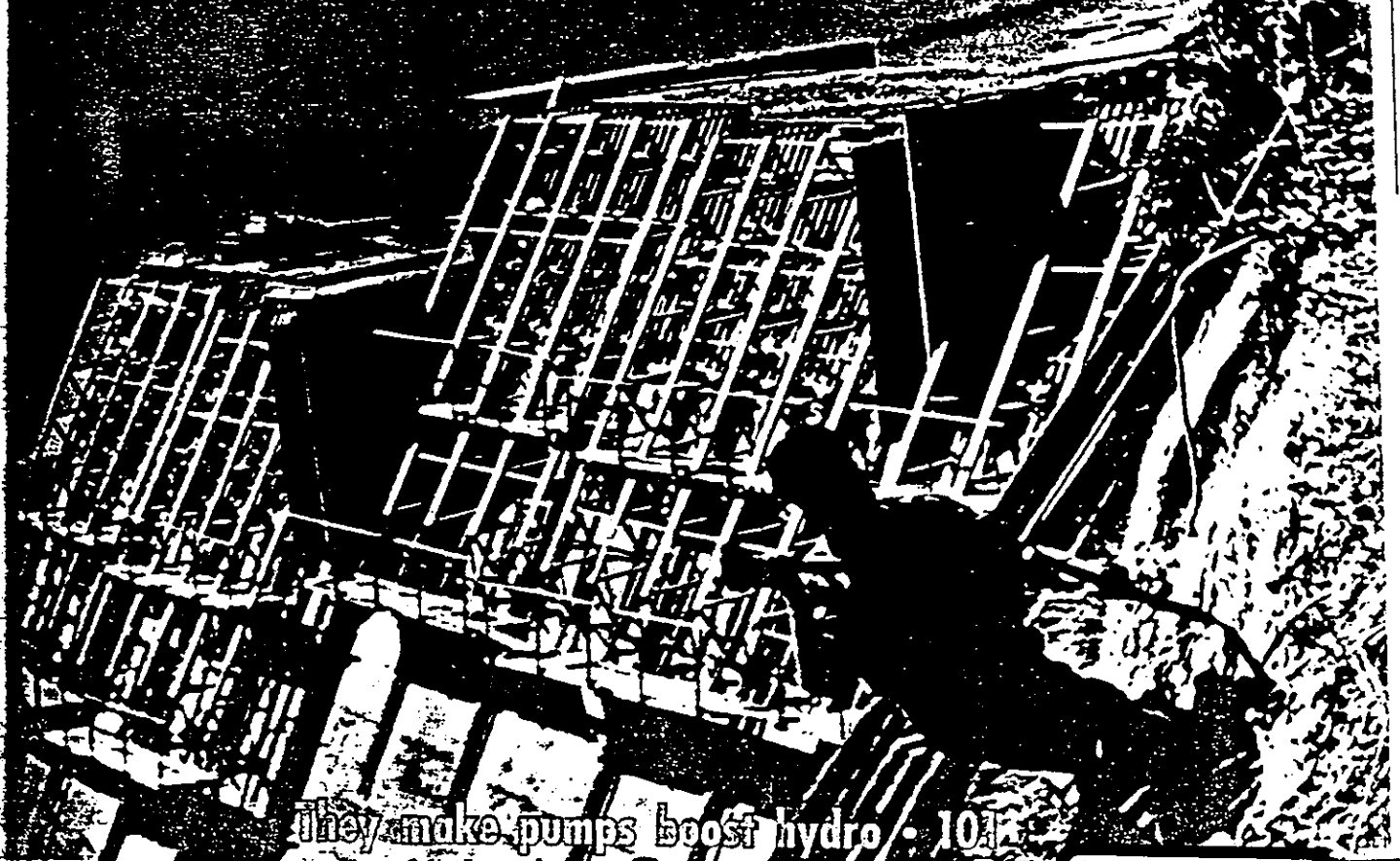


POWER

1952-53



They make pumps boost hydro • 101

Drawing No. 3113

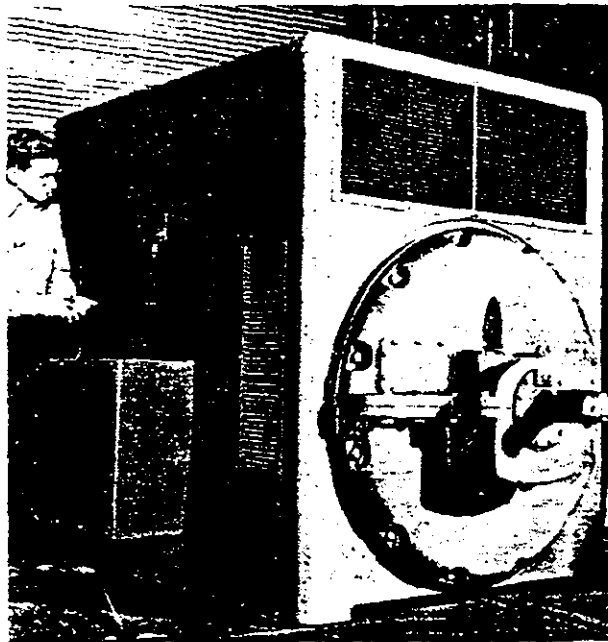
PLAINTIFF'S
EXHIBIT

GE-18

PLANT EQUIPMENT NEWS

Your information center for new products designed to solve plant problems

Published monthly as a service to readers



Boiler Feed Pump Motor

504 • New boiler feed pump motor for power generating stations is available in ratings 1000 hp and larger. It features improved ventilation system, cubical design, special high-speed rotor, and quieter operation.

Ventilation system discharges heated air away from workers and other nearby motors. Air is drawn in from motor's sides and expelled at higher level from shaft end over couplings and feed pump.

Overall width has been reduced by cubical design. High-speed rotor operates at 3600 rpm. Large air discharge chamber and louvered inlets and outlets contribute to quieter operation. Publication GEA-5813.

General Electric Co, Schenectady 5, N. Y.



Wrap-Around Insulation

505 • Pipe insulation is adaptable to hot and cold pipes of all sizes. Known as *Aerowrap*, new product is flexible and easy to apply on fittings, valves and pipes.

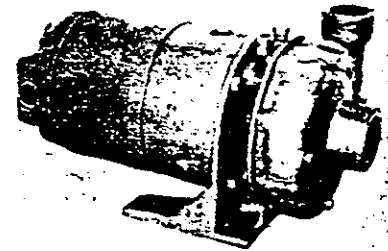
The insulation is a fine fibered blanket with special binder. It can be cut easily with shears, knife or paper cutter. Useful temperature range is from sub-zero to 600 F; thickness may be varied by wrapping. Owens-Corning Fiberglas Corp, Toledo 1, Ohio.



Quick-Release Valve

526 • Valve handles air pressure from 2 to 250 psi on pneumatic clutches up to 1500 hp. Its features include light weight and compactness; built-in orifice that prevents accidental removal of orifice from the line; double-piston design; no spring. Deublin Co, Glenview, Ill.

For more data on these items, use post cards p. 169. Identify your request with item number



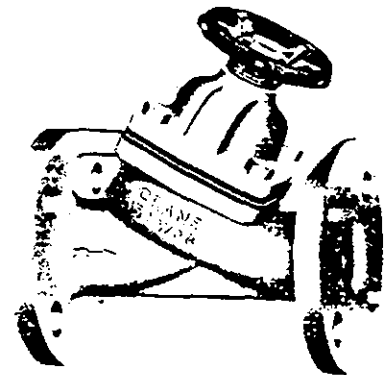
Centrifugal Pump

507 • Close-coupled centrifugal pump, designated Fig. 3642 pump, delivers up to 110 gpm, operates at heads up to 110 ft. Electric drive motors range from $\frac{1}{4}$ to 2 hp. Discharge outlets are tapped to accommodate 1 or $1\frac{1}{4}$ in. pipe.

Motor and pump form single complete unit installed simply by bolting unit down and connecting piping and power. Impeller is single-suction type, threaded directly on extended motor shaft.

Casing is split vertically, and discharge nozzle can be turned to any one of eight positions. Interchangeable parts allow size conversion by changing only impeller and casing. Bulletin 624A3.

Goulds Pumps, Inc, Dept PR, Seneca Falls, N. Y.



Diaphragm Valves

533 • Packless diaphragm valves are now regularly available with cast iron, brass, aluminum or 18-8 Mo bodies and disk holders, also with diaphragms and disk inserts of Neoprene, Buna-N, and soft natural hard rubber linings. Specially prepared valves for vacuum, oxygen and acetylene service are also regularly available.

Crane Co, 836 S Michigan Ave, Chicago 5, Ill.

(Continued on page 162)