

## **BULLETIN B300, MODEL CB2D PUMP AND ALARM CONTROLLER**

A wet well level-responsive automatic pump controller/alternator and abnormal level alarm module shall be furnished to control two pumps in response to direct-acting liquid level sensors in the wet well. The controller/alternator shall have five 3-position float circuit test switches (closed-open-auto) and float operation LED indicators for each of five float switch level sensors and a three-position alternator override switch (auto, 2-1, 1-2). The controller shall provide independent ON, common OFF operation of two pumps with high and low level alarms. The low alarm shall be capable of providing a redundant OFF for the pumps with a restore at the common stop level. An internal solid-state automatic alternator shall change the pump sequence after each cycle of operation. The pump control circuits shall have an integral staggered start and inter-stage delay to prevent simultaneous starting after a power failure condition. The float operation indicating LED's, the float circuit test and alternator override switches shall be viewable through the hinged, dead-front inner door of the control panel.

The controller alternator/alarm module shall be single, standard stocked unit approximately 10" high, 3" wide, 4-1/2" deep. Systems using discrete components, individual door mounted switches and incandescent lights will not be acceptable.

The Controller shall be a Siemens Water Technologies, Control Systems (fka Consolidated Electric) Bulletin B300, Model CB2D Pump & Alarm Controller/Alternator.