G.E.M. Water Systems, Int'l. LLC

DESIGNER AND MANUFACTURER OF REVERSE OSMOSIS SYSTEMS

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## **DISINFECT MODE DISCRIPTION**

BEFORE ANY STERILANT IS INTRODUCED INTO THE R.O. SYSTEM, A KEY SWITCH AT THE NURSES MONITOR AND ON THE R.O. SYSTEM IS PLACED IN THE "STERILIZE" POSITION. EITHER KEY SWITCH WILL ACTIVATE A TIME DELAY, WHICH PREVENTS THE R.O. FROM STARTING FOR AT LEAST 15 MINUTES, WHICH PREVENTS THE STERILANT FROM BEING PUMPED TO THE DIALYSIS MACHINES. DURING THIS 15 MINUTE PERIOD, A VISUAL ALARM IS ACTIVATED ON THE R.O. SYSTEM AND VISUAL AND AUDIBLE ALARMS ARE ACTIVATED AT THE NURSES MONITOR. THESE ALARMS REMAIN ACTIVE THE ENTIRE TIME EITHER KEY SWITCH IS IN THE STERILIZE MODE. THIS INSURES THE STAFF IS AWARE THAT STERILANT IS BEING INTRODUCED INTO THE SYSTEM.

AT THE END OF THE 15 MINUTE TIME DELAY, THE STERILIZATION PUMP AND THE R.O. SYSTEM CAN BE STARTED BY PRESSING THE "LOW PRESSURE" RESET ON THE FRONT OF THE SYSTEM. THE KEY SWITCHES ARE TURNED OFF ONLY WHEN ALL POINTS OF USE INDICATE A NEGATIVE STERILANT TEST RESULT. BOTH KEYS MUST BE IN THE OFF POSITION TO DEACTIVATE THE STERILIZE MODE.