



February 24, 2000

System Sensor
Attn: Mr. Zoltan Borbath
3820 Stern Ave.
St. Charles IL 60174

Subject: Accuflow AFD and LFD Waterflow Indicators Panel Compatibility.

Dear Mr. Borbath,

Based on our investigation of the above referenced products, we found that the following statement was a sufficient specification for the panel compatibility of the products:

The AFD and LFD waterflow indicators may receive power and operate on a two-wire initiating zone of a fire alarm control panel. When determining compatibility of these devices, the standby operating voltage of the control panel must be between 8.5 and 35 volts. In the standby mode, the AFD and LFD draw a maximum current of 0.3 mA. In alarm, the AFD and LFD act as a short across the initiating zone (similar to a manual fire alarm box). For two wire conventional fire alarm control panels, not more than 5 waterflow indicators may be connected to a single initiating zone. The maximum retard/reset time of the waterflow indicator plus the initiating zone shall not exceed 90 seconds.

For two wire-addressable control panels, the number of waterflow indicators connected to the panel's signaling line circuit shall be limited only by the circuit's current capacity.

Per our requirements, this statement shall appear in the installation instructions provided with each UL Listed AFD and LFD Series waterflow indicators.

Should you have any questions or comments concerning the above, please do not hesitate to contact us.

Very Truly Yours,

A handwritten signature in blue ink that reads 'Chris Storbeck'.

Chris Storbeck (Ext. 41501)
Associate Project Engineer
Engineering Services - 3017A