

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF HARRISON COUNTY)
WATER ASSOCIATION FOR APPROVAL OF) CASE NO. 9971
CONSTRUCTION AND FINANCING)

O R D E R

IT IS ORDERED that Harrison County Water Association ("Harrison Water") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record no later than September 4, 1987. If the information cannot be provided by this date, Harrison Water should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. Harrison Water shall furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each item of information requested.

1. It is unclear from the engineering information submitted with the application whether Harrison Water is proposing to install conventional fire hydrants or flush hydrants as part of this project. In addition, it is unclear whether the hydrants which are to be relocated are conventional fire hydrants or flush hydrants. Provide clarification concerning this matter. [Note - KRS 227, the "Recommended Standards For Water Works" by the Great Lakes - Upper Mississippi River Board of State Sanitary Engineers

("Ten States Standards") and the Insurance Services Office ("ISO") all have requirements for providing fire protection. All of these references require fire hydrant installation on a minimum of 6-inch diameter water lines. The ISO requires the capability to deliver at least 250 gallons per minute at a residual pressure of 20 pounds per square inch for a minimum of 2 hours from any fire hydrant. The Ten States Standards state that water mains not designed to carry fire flows shall not have fire hydrants connected to them. The Ten States Standards also state that dead end mains shall be provided with a fire hydrant only if flow and pressure is sufficient or with an approved flushing hydrant or blowoff for flushing purposes. If conventional fire hydrants are proposed to be installed or reinstalled provide information as to the purpose of the proposed fire hydrants. If the purpose of the proposed fire hydrants is to provide fire protection, provide hydraulic analyses demonstrating the capability of Harrison Water's system to comply with the requirements of KRS 227, the ISO and the Ten States Standards. If the fire hydrants are proposed for reasons other than fire protection state why other equipment was not considered (e.g. blow-off valves, drain valves, etc.)]

2. The engineering information filed in this case indicates that manual air release valves are proposed to be installed as part of this project. Provide the engineering and economic justification for installing manual air release valves as opposed to automatic air release valves.

Done at Frankfort, Kentucky, this 13th day of August, 1987.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:

Executive Director