

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

NOTICE AND APPLICATION OF KENTON)
COUNTY WATER DISTRICT NO. 1 TO)
CONSTRUCT AN EXTENSION TO SERVE)
APPROXIMATELY 300 CUSTOMERS IN) CASE NO. 95-582
SUB-DISTRICT R; AND TO INSTITUTE)
SURCHARGES UNDER KRS 278.023 WITH NO)
CHANGE IN BASIC WATER RATES; FUNDING)
DATA INCLUDED)

O R D E R

IT IS ORDERED that Kenton County Water District No. 1 ("Kenton District") shall, no later than 20 days from the date of this Order, file with the Commission an original and 8 copies of the following information. Each copy of the requested information shall be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. For each response, identify the person responsible for answering any questions at hearing related to the response. Careful attention should be given to copied material to ensure that it is legible.

1. The computer hydraulic analyses for Kenton District's existing water distribution system indicate that the potential exists for high pressure (i.e., more than 150 psig) at Nodes 201, 202, 203, 204, 205, 206, 208, 210, 211, 212, 301, 302, 303, 304, 305, 310, 315, 328, 330, 331, 576, 577, 592, 633, 634, 635, 640, 641, 701 and 707. Such pressures violate Commission Regulation 807

KAR 5:066, Section 5(1). What measures is Kenton District taking to protect against this possibility?

2. The computer hydraulic analyses for Kenton District's proposed water distribution system indicate that the potential exists for high pressure (i.e., more than 150 psig) at Nodes 201, 202, 203, 204, 205, 206, 208, 210, 211, 212, 301, 302, 303, 304, 305, 310, 315, 328, 330, 331, 576, 577, 592, 621, 622, 623, 625, 626, 627, 633, 634, 635, 640, 641, 701 and 707. Such pressures violate Commission Regulation 807 KAR 5:066, Section 5(1). What measures is Kenton District planning to take to protect against this possibility?

3. The computer hydraulic analyses depict the pump in Line 1012 as "operating out of range." Do these computations reflect actual operating conditions? If yes, describe the measures which Kenton will take to protect against this occurrence.

4. The computer hydraulic analyses of the existing and proposed water systems depict low pressure under certain operating conditions at Nodes 20, 213, and 219 which are located on the suction side of the Dixie and Dudley Pump Stations. The pressure at Node 20 falls below 20 psig and the pressures at Nodes 213 and 219 are slightly above 20 psig. Do these computations reflect actual operating conditions? If yes, describe the measures which Kenton District plans to take to ensure a minimum pressure of 20 psig on the suction side of these stations.

5. The hydraulic analyses of the existing and proposed water system depict low pressures at junctions 1, 2, and 200. These

junctions appear to represent pressures at or near the Fort Thomas and Taylor Mill Water Treatment Plants. Do these pressures reflect actual operating conditions? If yes, describe the measures which Kenton District plans to take to prevent these occurrences. If these pressures are the result of input data requirements of the computer hydraulic analyses program, then state so.

6. a. Other than publication of notice in the Cincinnati Post (Kentucky Post), what actions did Kenton District use to inform Sub-District R customers of the proposed monthly surcharges?

b. Did Ryland Lake customers execute any agreements with Kenton District in which they acknowledged and agreed to pay the proposed \$62 per month surcharge? If yes, provide these agreements.

7. In its response to the Commission's Order of January 26, 1996, Item 13, Kenton District states that the proposed monthly surcharges are based on preliminary cost estimates, assumed bond interest rates, and estimated number of service connections and that the proposed surcharge will be adjusted when the water district revenue bonds are issued. If an adjustment at the time of bond issuance is planned and customer connections are already known, why should the proposed surcharge rate not be based on the cost of short-term financing and subsequently adjusted to reflect changing conditions?

Done at Frankfort, Kentucky, this 6th day of February, 1996.

ATTEST:


Executive Director

PUBLIC SERVICE COMMISSION


For the Commission