

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF SOUTH GRAVES COUNTY)
WATER DISTRICT FOR A DEVIATION FROM THE)
REQUIREMENTS OF 807 KAR 5:066, SECTION) CASE NO. 90-224
5(4), REGARDING WATER STORAGE AND)
PRESSURE)

O R D E R

By application received August 8, 1990, South Graves County Water District ("South Graves") requested a deviation from Commission Regulation 807 KAR 5:066, Section 5(4), which provides that each utility shall provide water storage to ensure a minimum of one day's supply of its average daily water usage. South Graves requested a deviation from Commission Regulation 807 KAR 5:066, Section 6(1), which requires that each water utility ensure that the pressure at the customer's service pipe be between 30 and 150 pounds per square inch (psig). South Graves states in its application that its average daily water usage, including unaccounted-for water, is approximately 130,000 gallons, and its current water storage capacity is 180,000 gallons.

The Commission, having reviewed the application and being otherwise sufficiently advised, finds that:

1. South Graves is in compliance with the requirements of Commission Regulation 807 KAR 5:066, Section 5(4), and as such no deviation is required.

2. In the southwest part of South Graves' water distribution system, the water pressure available at several customers' service pipes under normal conditions falls below 30 psig in violation of 807 KAR 5:066, Section 6(1).

3. Water distribution system pressures below 30 psig do not conform to good standard engineering practice and pose a potential public health threat.

4. South Graves should take immediate action to correct the low operating pressures in its water distribution system in order to comply with Commission Regulation 807 KAR 5:066, Section 6(1).

IT IS THEREFORE ORDERED that:

1. South Graves is in compliance with the requirements of Commission Regulation 807 KAR 5:066, Section 5(4), and as such no deviation is required.

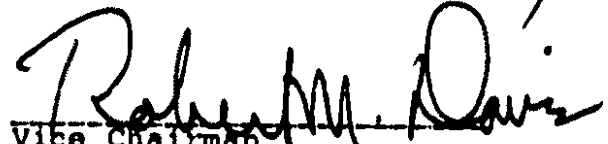
2. South Graves' request for a deviation from Commission Regulation 807 KAR 5:066, Section 6(1), be and it hereby is denied.

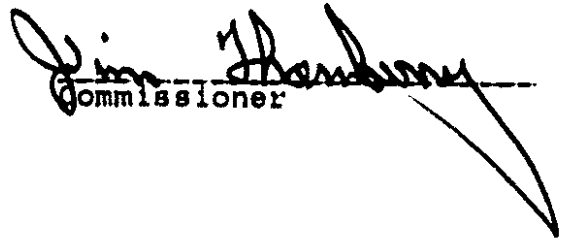
3. South Graves be and it hereby is directed to take immediate action to bring its water distribution system into compliance with Commission Regulation 807 KAR 5:066, Section 6(1).

Done at Frankfort, Kentucky, this 20th day of September, 1990.

PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman


Commissioner

ATTEST:


Executive Director