

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE LEVEE ROAD )  
WATER ASSOCIATION, INC., A NON- )  
STOCK, CORPORATION ORGANIZED )  
PURSUANT TO CHAPTER 273 OF THE )  
KENTUCKY REVISED STATUTES, OF )  
MONTGOMERY COUNTY, KENTUCKY, FOR )  
(1) A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY, )  
AUTHORIZING AND PERMITTING SAID ) CASE NO. 9212  
ASSOCIATION TO EXPAND ITS DISTRI- )  
BUTION SYSTEM TO ADDITIONAL )  
TERRITORY NOT SERVED BY ANY WATER )  
SOURCE: (2) APPROVAL OF THE )  
PROPOSED PLAN OF FINANCING OF )  
SAID PROJECT: AND (3) APPROVAL )  
OF THE WATER RATES PROPOSED TO )  
BE CHARGED BY THE ASSOCIATION TO )  
CUSTOMERS OF THE ASSOCIATION )

O R D E R

IT IS ORDERED that Levee Road Water Association ("Levee Road") shall file an original and 7 copies of the following information with the Commission with a copy to all parties of record by April 19, 1985. Levee Road shall also furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested. If neither the requested information nor a motion for an extension of time is filed by the stated date, the case may be dismissed.

1. In order to obtain realistic results when utilizing computer hydraulic analyses to predict a water distribution system's performance, engineering references stress the importance of calibrating the results predicted to actual hydraulic conditions. This calibration process should include matching field measurements to the results predicted by the computer over a wide range of actual operating conditions. As a minimum this should include average and maximum water consumption period, as well as "fire flow" or very high demand periods.

Based on the above, explain the procedures used to verify the computer hydraulic analyses filed in this case. This explanation should be documented by field measurements, hydraulic calculations, etc.

2. Provide information as to why the pressures, predicted at Node 1 (Master Meter), Node 6 (Nest Egg Road), Node 7 (Barlow Ridge Road), Node 9 (End of Highway 11) and Node 13 (End of Highway 646) by the computer hydraulic analyses do not closely match the pressure charts for these locations. These pressure charts were filed in response to the Commission's January 25, 1985, Information Request.

3. It appears, when reviewing the computer hydraulic analyses, that the proposed water lines to serve the following areas were not included: Kiddville Road, Four Winds Subdivision, Landfill Road and Pilot Knob Road. Provide a hydraulic analysis for these roads documented by appropriate field measurements and hydraulic calculations.

Done at Frankfort, Kentucky, this 2nd day of April, 1985.

PUBLIC SERVICE COMMISSION

Richard D. Hemminger  
For the Commission

ATTEST:

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Secretary