COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE LAUREL COUNTY WATER DISTRICT #2 OF LAUREL COUNTY, KENTUCKY, FOR (1) A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY, AUTHORIZING AND PERMITTING SAID WATER DISTRICT TO CONSTRUCT A WATERWORKS CONSTRUCTION PROJECT, CONSISTING OF EXTENSIONS, ADDITIONS, AND IMPROVEMENT TO THE EXISTING WATERWORKS SYSTEM OF THE DISTRICT, AND (2) APPROVAL OF PROPOSED FINANCING OF PROJECT	)	CASE NO. 9509

O R D E R

IT IS ORDERED that Laurel County Water District No. 2 ("Laurel No. 2"), shall file an original and seven copies of the following information with the Commission with a copy to all parties of record, within 3 weeks of the date of this Order. If neither the requested information nor a motion for extension is filed by the stated date, the Commission may dismiss the case without prejudice.

1. In response to Items 4 and 5 of the Commission's March 18, 1986, Information Request, a system schematic and a customer usage tabulation were filed. Hydraulic analyses which depict the actual operation of the existing system as well as the expected operation of the proposed system were not filed as requested by the Commission's Order entered March 18, 1986. In

order for the Commission to adequately review this case a complete hydraulic analysis for both the existing and proposed systems must be provided. Laurel No. 2 is requested to provide hydraulic analyses, prepared and certified by a professional engineer registered in Kentucky by the Board of Registration For Professional Engineers And Land Surveyors, supported by computations and actual field measurements, of the typical operational sequences of the existing water distribution system. These hydraulic analyses should demonstrate the operation of all pump stations and the "empty-fill" cycles of all water storage tanks. Computations are to be documented by a schematic map of the system that shows pipeline sizes, lengths, connections, pumps, water storage tanks, wells, and sea level elevations of key points, as well as allocations of actual customer demands. Flows used in the analyses shall be identified as to whether they are based on average instantaneous flows, peak instantaneous flows, or any combination or variation thereof. The flows used in the analysis shall be documented by actual field measurements and customer use records. Justify fully any assumptions used in the analyses. In addition, provide hydraulic analyses, supported by computations and field measurements, demonstrating the appropriateness of the engineering design of the proposed construction of additions and extensions. Justify fully any assumptions used in the analyses.

Done at Frankfort, Kentucky, this 19th day of May, 1986.

PUBLIC SERVICE COMMISSION

Richard D. Heman Jr.
For the Commission

ATTEST:

Secretary