

**BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS**

IN THE MATTER OF:)
)
NATURAL GAS-FIRED, PEAK-LOAD) R01-10
ELECTRICAL POWER GENERATING)
FACILITIES (PEAKER PLANTS))

TESTIMONY OF DR. BRIAN D. ANDERSON

My name is Brian Anderson. I am the Director of the Office of Scientific Research and Analysis, of the Illinois Department of Natural Resources. In that capacity I coordinate the activities of Illinois' Scientific Surveys. I am also here today representing Brent Manning, Director of the Illinois Department of Natural Resources. Director Manning and Director Thomas Skinner of the Illinois Environmental Protection Agency are co-chairing Governor Ryan's, Water Resources Advisory Committee. The Water Resources Advisory Committee has been charged with analyzing the potential impacts of industry, agriculture, and our population on Illinois' groundwater and surface water supplies. The first meeting of the Advisory Committee is scheduled for 31 August, 2000. One of the specific areas the Water Resources Advisory Committee has been asked to look at is energy producing facilities. Gas-fired, peak load electric power generating facilities, due to their numbers and their water quantity demands, will be specifically discussed. The need for the work of the Water Resources Advisory Committee is underscored by a conclusion drawn in the Assessment of Illinois Water Law, Appendix A-Survey of Illinois Water Law (Beck et al., 1996, p. #A-16), "with the exception of various provisions relating to Lake Michigan, there are few statutes that confer specific authority to

regulate withdrawals of water in Illinois.” While it is, therefore, more appropriate to deal with water quantity issues relating to peaker plants in the context of the Water Resources Advisory Committee, I would like to make available to the Pollution Control Board the expertise of Illinois’ Scientific Surveys in these deliberations. I have also asked Dr. Derek Winstanley, Chief of the Illinois State Water Survey, to provide you with a concise overview of some specific water quantity issues associated with peak-load, electric power generating facilities which will be discussed by the Water Resources Advisory Committee. This concludes my testimony.

Illinois Department of Natural Resources

By: _____
Dr. Brian D. Anderson

DATED: August 22, 2000
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