

THOMAS KRUSE

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To: Whom It May Concern

Re: Letter of Recommendation, Business and Teaching – Kenton H Johnson, Denver CO

I'm Thomas Kruse, retired Senior Long-Range Planner at the Denver Water Department (DWD) who has developed a large portfolio of real estate properties as well as additional businesses around Denver.

I was one of three interviewers who examined nine resumes and questioned applicants including Kenton, for an opening a systems analyst position able to help engineers and planners with scientific applications and model development. I highly recommended Kenton to the Water Department because of his strong education, Professional Engineer's license, his ability to translate highly technical computer terms into Planners', Engineers' and even Customer Service Representative' language, as well as grasping the technical aspects of the Planning, Engineering and Operations Departments.

He proved me correct, working with me and others in all levels in his position as "Scientific Consultant" from 1976 to 78, in our transition to a new, large Univac 1106/8, DWD-wide time sharing computer system.

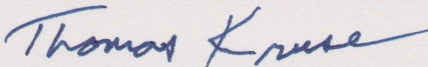
He taught Planners, Engineers and Customer Service Representatives, securing their understanding in "Introduction to Computers," three levels of FORTRAN courses, as well as one-on-one training in my department on complex water modeling of South Platte and Colorado River systems, statewide. This 200-page* model was new technology which was later used for the environmental impact statement of Two Forks Reservoir. It was audited by Harza Engineering Inc, one of the ten largest worldwide water engineering firms: three doctorate-level modeling experts performed the audit and found it to be state of the art and error free.

At educational events, including the Special Interest Group on Scientific Computing that he formed and sponsored in Denver, he and other guest speakers were always well prepared, and collaborated with his audience to maximize the presentations.

Kenton is very capable with technology, teaching DWD employees how to use technology better and develop computer models, as well as creating software libraries and publishing a bi-monthly newsletter.

I also worked with him on some of my real estate projects. He quickly understood the record-keeping and analysis requirements for the projects, and consulted with me on better ways to evaluate and manage the projects. During the 1970 to 2007 period, I had more than 250 rental units. Nine of the properties ranged from 4 to 52 units. We converted a 52-unit apartment building to condos at a profit exceeding \$500,000. I plan to use him on other business projects.

I recommend Kenton as a superior businessman, consultant and teacher.


Thomas Kruse

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*10,386 lines of logic in one main program with 16 subroutines and many 25 year daily data files needed for model analyses of alternate facilities and operation scenarios. It used algorithms such as:

- 1) Stochastic hydrology using out of kilter linear programming for maximizing yield, reducing evaporation and channel losses, average daily flows over 25 years at 36 Colorado state engineer gauges, controlled by water rights, storage reservoirs, river, conduit and ditch flow capacities, treatment capacities and sewage return flows. This includes calculation and accounting of up to 43 optional facilities and 25 year operation and report output.
- 2) Non linear regression statistical analysis of snow-pack, precipitation and stream-flows forecasting flood, drought and normal weather compared to demand fluctuations and population and conservation trending.