

EDUCATION

M.S. Agricultural and Applied Economics, University of Minnesota, 1984.

B.S. Agricultural Economics, South Dakota State University, 1979.

REGULATORY EXPERIENCE

SENIOR STATISTICAL ANALYST, Minnesota Department of Public Service, October 1989 to January 1984.

UTILITY RATE RESEARCH SPECIALIST, Washington Utilities and Transportation Commission, October 1984 to March 1995.

REGULATORY CONSULTANT, Washington Utilities and Transportation Commission, April 1995 to July 1999.

TELECOMMUNICATIONS INDUSTRY EXPERT, Washington Utilities and Transportation Commission, July 1999 to current.

EXPERT STAFF WITNESS TESTIMONY

<u>Docket No.</u>	<u>Company</u>
G004/GR-81-503	Great Plains Natural Gas Co.
G011/GR-82-65	Peoples Natural Gas Company
E-017/D-83-2	Otter Tail Power Company
U-85-32	Contel of the Northwest
U-86-02	Pacific Power and Light Company
U-87-1083-T	Pacific Northwest Bell Telephone Co.
U-88-2052-P	Pacific Northwest Bell Telephone Co.
U-88-2149-T	Pacific Northwest Bell Telephone Co.

<u>Docket Number</u>	<u>Company</u>
U-89-3031-P	GTE-Northwest, Inc.
U-89-3260-T	Pacific Northwest Bell Telephone Co.
UT-901006	U S WEST Communications, Inc.
UT-920474	U S WEST Communications, Inc.
UT-920085	U S WEST Communications, Inc.
UT-930957, et al.	U S WEST Communications, Inc.
UT-940641	U S WEST Communications, Inc.
UT-940700, et al.	U S WEST Communications, Inc.
UT-950200	U S WEST Communications, Inc.
UT-960126	U S WEST Communications, Inc.
UT-960369, et al.	Generic Costing/Pricing Proceeding
UT-960832, et al.	U S WEST Communications, Inc. Camelot Square Complaint
UT-951425	U S WEST Communications, Inc. Depreciation Rate Petition
UT-961632	GTE-Northwest, Inc. Depreciation Rate Petition
UT-961638	U S WEST Communications, Inc.
UT-960323	U S WEST Communications, Inc.
UT-980311	Universal Service Fund Cost Proceeding
UT-990672	GTE-Northwest, Inc. Access Charge Complaint